ShawContract®

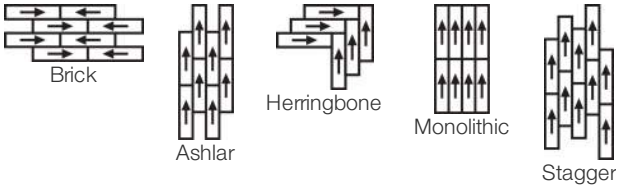
Terrain II 20 Mil

Collection	**Terrain II**	
Style Number	**0454V**	
Construction	**Heavy Commercial Luxury Vinyl Tile**	
Class / ASTM F1700	**Class III, Type B**	
Finish	**ExoGuard+®**	
	U.S.	Metric
Nominal Dimensions	**6 in w x 48 in l**	**15 cm w x 122 cm l**
Actual Dimensions	**5.96 in w x 48.00 in l**	**15.14 cm w x 121.92 cm l**
Wear Layer Thickness	**20 mil (0.02 in)**	**0.51 mm**
Overall Thickness	**0.098 in**	**2.5 mm**
Edge Profile	**Squared Edge**	
Installation	**Direct Glue**	
Recommended Adhesive	**2200 1 Gallon, 2200 4 Gallon, 4151, 4200 1 Gallon, 4200 4 Gallon, 4252 (No Heavy Rolling or Static Loads) or S150-95**	

Packaging

Pieces per Carton	**21 pcs**	
Area per Carton	**41.72 sq ft**	**3.88 sq m**
Weight per Carton	**35.44 lbs**	**16.08 kg**

Recommended Installation Method



Coordinating Products

LVT: Terrain II 12 Mil, Terrain II 30 Mil, Terrain II 20 Mil 5 Mm, Terrain II 12 Mil 2.0

Corporate Headquarters +1 800 257 7429 | +1 706 532 7984 | **Atlanta** +1 404 853 7429 | **Bengaluru** +91 80 6773 0202 | **Beijing** +86 10 6568 588 | **Chicago** +1 312 467 1331 | **Dubai** +971 4 584 6956 | **Hong Kong** +852 2623 0371 | **London** +44 207 961 4120 | **Los Angeles** +1 800 233 1614 | **Melbourne** +61 3 9939 8543 | **Mexico City** +55 5010 7600 | **Mumbai** +91 22 6284 5050 | **Nantong** +86 400 800 7429 | **New York** +1 212 953 7429 | **Paris** +33 (0) 1 81 22 44 39 | **San Francisco** +1 415 955 1920 | **Shanghai** +86 21 3338 4000 | **Singapore** +65 6733 1811 | **Sydney** +61 800 556 302

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October 10, 2025

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Performance + Testing

Static Load (ASTM F970)	**Passes (Modified), *1500 lbs**
Residual Indentation (ASTM F1914)	**Passes**
Resistance to Heat (ASTM F1514)	**Passes**
Resistance to Light (ASTM F1515)	**Passes**
Resistance to Chemicals (ASTM F925)	**Passes**
Radiant Panel (ASTM E648)	**Passes, Class I**
Coefficient of Friction (ASTM D2047, Slip Resistance)	**≥0.5, meets the recommended static coefficient of friction for ADA walking surfaces**

*This test is intended to compare relative properties of different styles and constructions. Results are based on a laboratory test and used for comparative purposes - real life load limit may vary.

Test Reports may be included or listed by the manufacturing/inventory style number as opposed to the noted selling style number.

Warranties

Commercial 15 Year Underbed Bond Warranty

15 Year Commercial Limited Warranty

Diversity & Inclusion

We promote supplier participation that is reflective of Shaw Industries' diverse customer base and local community. We believe having a strong Supplier Diversity Program is strategic for bringing more innovation to our businesses and opening new markets for growth.

Material Health & Environmental Certifications

Health & Wellbeing	
Material Ingredient Transparency	Health Product Declaration (HPD) | 1000 ppm Disclosure
Indoor Air Quality	FloorScore® | Certified
Climate Impact	
Environmental Product Declaration (EPD)	3rd Party Certified in Accordance with ISO 14025, EN 15804, & ISO 21930:2017
Embodied Carbon (Cradle to Gate)	9.59 Kg Co_2/M^2
Total Recycled Content	30% (Pre-Consumer 30% | Post-Consumer 0%)
Global Product Assessment	Environmental Guarantee* | Through Our Environmental Guarantee, Shaw Pledges to Transport And Recycle Any Shaw Manufactured Resilient Within The United States And Canada At No Cost to The Customer.
	GSA | Approved
	CE Marking (EN 14041) | 3rd Party Certified
	Country of Origin | United States

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WELL V2 Contribution Credit

X01 Fundamental Material Precautions Part 1: (C): Restrict Asbestos Precondition	**Absence of Asbestos**
X08 Hazardous Material Reduction Part 1: Limit Hazardous Materials Optimization	**Absence of Heavy Metals**
X10 Volatile Compound Reduction Part 1 (A): Manage Volatile Organic Compounds (VOCs) Optimization	**Absence of Halogenated Flame Retardants**
X10 Volatile Compound Reduction Part 2: Manage Semi-Volatile Organic Compounds (SVOCs) Optimization	**Ortho-Phthalates**
X11 Long Term Emissions Control Part 2: Flooring Optimization	**FloorScore Certified**
X14 Material Transparency Part 1: Promote Ingredient Disclosure Optimization	**Health Product Declaration (HPD) | 1000 Ppm Disclosure**

Leed v4 Contribution Credits

MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 1: Material Ingredient Reporting	**Health Product Declaration (HPD) | 1000 Ppm Disclosure**
MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations - Option 1: Environmental Product Declaration (EPD)	**3rd Party Certified in Accordance with ISO 14025, EN 15804, & ISO 21930:2017**
EQ Credit: Low Emitting Materials Option 1: Product Category Calculations	**FloorScore Certified**

Additional Information

* To learn more about the recyclability of our products and our Environmental Guarantee, please visit shawcontract.com/sustainability.

Installation Guidelines

Maintenance Guidelines

Please visit www.shawcontract.com for the most current warranty information. Specifications are subject to nominal manufacturing variance. Material supply and/or manufacturing processes may necessitate changes without notice.

This product is an exclusive design and may not be duplicated in any manner. Use of this design in the creation of another product design is also strictly prohibited.

Visit shawcontract.com/testing for more information.

Available Colorways

Satinwood 00140
V3 - Moderate Variation

Willow 00170
LRV 21 | L* 53
V4 - Substantial Variation

Thatch 00173
LRV 31.3 | L* 62.75
V2 - Slight Variation

Ash 00174
LRV 30.5 | L* 62.09
V3 - Moderate Variation

Butternut 00210
V3 - Moderate Variation

Saffron 00230
V2 - Slight Variation

Prime 00240
V3 - Moderate Variation

Trail 00256
LRV 19.2 | L* 50.94
V2 - Slight Variation

Olive 00350
V2 - Slight Variation

Spruce 00360
V2 - Slight Variation

Aqua 00370
V2 - Slight Variation

Azure 00400
V2 - Slight Variation

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Ink 00450
V2 - Slight Variation

Poplar 00515
V3 - Moderate Variation

Slate 00540
V2 - Slight Variation

Shade 00564
LRV 11.3 | L* 40.07
V2 - Slight Variation

Root 00568
LRV 20.2 | L* 52.07
V3 - Moderate Variation

Timber 00572
LRV 19.9 | L* 51.69
V2 - Slight Variation

Graphite 00580
V2 - Slight Variation

Terra 00600
V2 - Slight Variation

Redwood 00650
V2 - Slight Variation

Taun 00660
V3 - Moderate Variation

Pirch 00684
LRV 17.6 | L* 49.04
V2 - Slight Variation

Natural 00710
V2 - Slight Variation

Lodge 00740
LRV 7.1 | L* 32
V2 - Slight Variation

Elm 00761
V3 - Moderate Variation

Grove 00769
LRV 11.8 | L* 40.96
V3 - Moderate Variation

Nest 00774
LRV 13 | L* 42.77
V2 - Slight Variation

Echo 00775
LRV 27.8 | L* 57.75
V2 - Slight Variation

Cherry 00850
V2 - Slight Variation

Violet 00965
V2 - Slight Variation

Summit 05012
LRV 31 | L* 62.51
V3 - Moderate Variation

Orchard 05013
LRV 46.7 | L* 74.01
V2 - Slight Variation

Lark 05016
LRV 7.9 | L* 33.79
V3 - Moderate Variation

Aspen 05019
LRV 9.1 | L* 37.76
V3 - Moderate Variation

Sequoia 07003
LRV 14.5 | L* 44.92
V3 - Moderate Variation

Sumac 07004
LRV 16.1 | L* 47.17
V3 - Moderate Variation

Alder 07005
LRV 17 | L* 48.28
V3 - Moderate Variation

Thicket 07008
LRV 8.1 | L* 34.18
V3 - Moderate Variation

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Quick Ship 2 Weeks - up to 25,000 SqFt from USA

Color and Visual Variation Index

Shade and texture variation is inherent in all resilient products and can vary significantly from piece to piece. Samples should be used to assess color.

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ROOM SCENE VIEW OF SHAW CONTRACT, TERRAIN II LVT
COLOR: SUMAC

Thatch - Flex™
Fact Sheet

8 Colorways:	THA1-09 Portrait THA1-10 Earnest THA1-21 Hope THA1-37 Expectation THA1-43 Sepia THA1-53 Birch Forest THA1-91 Poplar THA1-98 Smoke

Designer	Koroseal		
Total Weight	35.0 oz. ply (1082 g. plm.) 22.4 oz. psy (635 g. psm.)	Vertical Repeat	N/A
Roll Width	52 in. (132 cm.)	Horizontal Repeat	N/A
Backing	Woven (Osnaburg)	Nominal Pattern Width	52 in.
Tensile (Minimum)	N/A	Match Information	Reverse Hang, Straight Match
Tear (Minimum)	N/A	WA Spec.	WA-101, Type III
Federal Spec.	CCC-W-408D, Type III	ASTM F-793	Category VI, Type III
Fire Testing	NFPA 101® Life Safety Code® NFPA 255 (ASTM E-84, CAN S102M) Tunnel Test[1] - Class A Rating NFPA 286 Corner Burn Test[2] - Meets requirements for Flame Spread, Smoke Developed, and Flashover 1 When applied to GRC board with A-848-B adhesive 2 When applied to 5/8" Type-X-Gypsum board with A-848-B adhesive		
CE Certification	EU classification in accordance with EN 15102:2007 + A1:2011		
Indoor Air Quality	California 01350 – Meets emission requirements for schools and offices		
For additional technical information please visit koroseal.com			

3875 Embassy Parkway | Fairlawn, OH 44333 | 855.753.5474 | koroseal.com

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NFPA 101® and Life Safety Code® are registered trademarks of National Fire Prevention Association.
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Johnsonite®

Millwork Wall Base® System

FINISHING BORDERS

Tarkett®

MADE
RIGHT
MEANS
JOHNSONITE™

A perfect finish

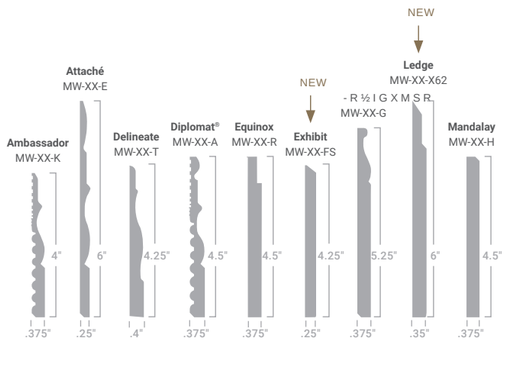
With clean lines and rich architectural detail, the Millwork Wall Base® System adds timeless design elements to any space. The complete collection includes more than 20 profiles that finish walls with the appearance of finely milled wood, while saving time and precious forestry. Because they will never require touch-up or repainting, these solutions continue to deliver return on investment throughout their lifetime.

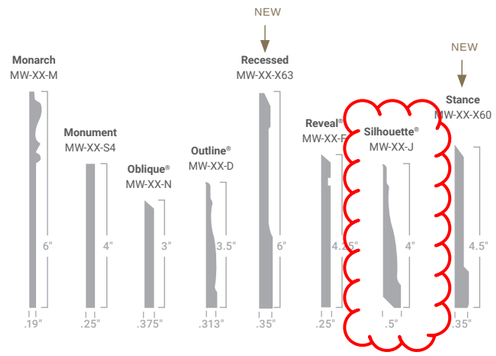
As part of the Johnsonite portfolio, the Millwork Wall Base System is offered in the industry™s broadest selection of colors, all made without dye lots. If you don't find the color you need within the standard line, our color experts can tailor any Millwork product to your exact specifications. From flawless color to simple installation and maintenance, MADE EASY MEANS MADE RIGHTŠand MADE RIGHT MEANS JOHNSONITE.

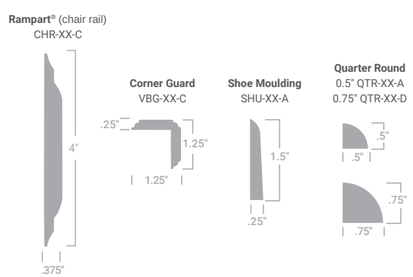
LEFT:**Johnsonite Millwork Recessed** MW-199-X63 Dockside, **Artful Oak PCMK** Native Trails 4624, **Needle & Thread PCNT** Watercrest 11384
RIGHT:**Johnsonite Millwork Rampart®** (chair rail) CHR-55-C Silver Grey, **Corner Guard** VBG-55-C Silver Grey, **Ebbing Waves 11734** Candlelit Grey 62901

System profiles

With the most comprehensive collection of finishing borders in the industry, Johnsonite covers all the details that make a space complete. Choose from a variety of wall base profiles from modern to traditional, along with chair rail, corner guard, quarter rounds, and shoe moulding.







WALL BASE

Ambassador U.S. Patent No. D500,149

4" MW-XX-K

Attaché

6" MW-XX-E

- R ½ I G X M S R U.S. Patent No. D499,193

5.25" MW-XX-G

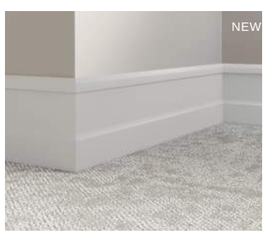
NEW

Ledge

6" MW-XX-X62

Outline U.S. Patent No. D484,254

3.5" MW-XX-D



NEW

Recessed

6" MW-XX-X63

ACCESSORIES

Rampart (chair rail)

4" CHR-XX-C

Corner Guard

VBG-XX-C

Delineate

4.25" MW-XX-T

Diplomat

4.5" MW-XX-A

Equinox

4.5" MW-XX-R

NEW

Exhibit

4.25" MW-XX-FS (shown above)
6" MW-XX-FS6
8" MW-XX-FS8

Mandalay U.S. Patent No. D493,895

2.5" MW-XX-H25
3" MW-XX-H3
4.5" MW-XX-H (shown above)
6" MW-XX-H6

Monarch

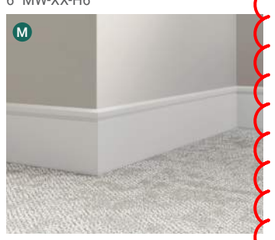
6" MW-XX-M

Monument

2.5" MW-XX-S25
4" MW-XX-S4 (shown above)

Oblique

3" MW-XX-N

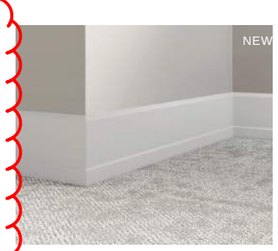


Reveal U.S. Patent No. D484,253; D510,143

4.25" MW-XX-F (shown above)
6" MW-XX-F6
8" MW-XX-F8

Silhouette

4" MW-XX-J



NEW

Stance

4.5" MW-XX-X60 (shown above)
6" MW-XX-X61

Shoe Moulding

1.5" SHU-XX-A

Quarter Round

0.5" QTR-XX-A

Quarter Round

0.75" QTR-XX-D

All Johnsonite Millwork profiles are available in standard 8' lengths.

Color palette availability

Johnsonite Millwork ® is available in all solid colors plus 00 unfinished.

M Available in Masquerade palette

Johnsonite Millwork Stance MW-461-X61 Wicker, Knot Stitch G0057 Blanched 60805

MF4 White Oak Espresso

MS4 Darkened Wenge B *

MS8 Red Mission

ME5 Seasoned Oak Peppercorn B *

ME4 Seasoned Oak Falcon

MS3 Smoked Walnut

MF6 Native Pine Blanched Grey WG *

ME3 Seasoned Oak Scout

MS1 Aged Oak

MS7 Honey Oak WB *

MS2 Warmed Cherry WB *

MS5 Light Balsa WB *

MS6 Midline Beech WB *

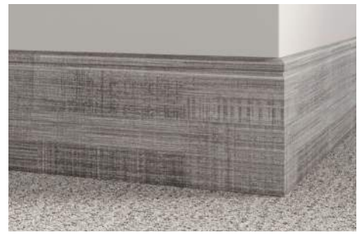
Custom digital printing available.
For details, visit **tarkett.com**.

* See the Color Foundations key on page 8.

MK3 Metastone Ferro

ML3 Concrete Charcoal B *

MK6 Concrete Fallow CB *



MN3 Texmode Charcoal B *

MM2 Texgrain Charcoal B *

Masquerade® finishing borders

In addition to the solid colors offered in the Millwork Wall Base System, Johnsonite's Masquerade® finishing borders are digitally printed with natural wood, stone, and abstract designs that elevate these architectural details once again. Masquerade's high-definition visuals achieve a broader range of color, longer pattern repeats, and crisp, realistic detailŠall on a highly durable material that conforms to the curves and angles of nearly any wall. Johnsonite's state-of-the-art printing technology can also replicate a pattern or image that's unique to your project—for a fully tailored finishing border and guest experience.

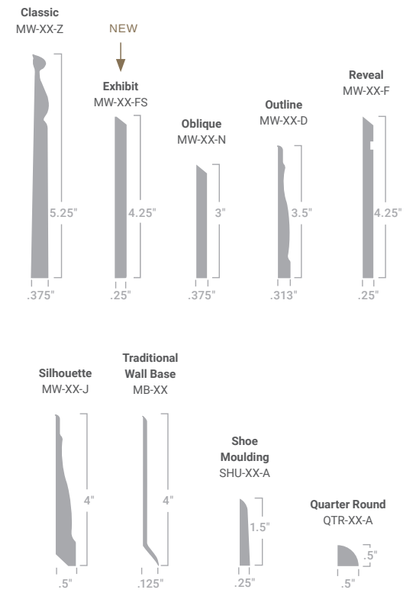


Exhibit also available in 6" MW-XX-FS6 and 8" MW-XX-FS8
Reveal also available in 6" MW-XX-F6 and 8" MW-XX-F8
Quarter Round also available in 3/4" QTR-XX-D

Tarkett Solution SPECtrumž

At Tarkett, we believe in placing people in the center of every space. So we've developed a portfolio of products designed to work together both functionally and aesthetically, helping you create more supportive spaces that maximize return on investment. Our full palette of colors, patterns and textures is coordinated to work together visually across product categoriesŠcreating the perfect balance for people, planet and performance.

1. Carpet tile & Powerbond® hybrid carpet
   Collaborative™ | Create Space™ 11771 Redefine 32806
2. Johnsonite wall base
   Millwork | Recessed MW-01-X63 Snow White
3. Homogeneous sheet & tile
   iQ® Eminent™ 894 Pale Yellow
4. Homogeneous sheet & tile
   iQ Granit™ 0321 Dark Sand
5. Johnsonite wall base
   Millwork | Stance MW-284-X60 Ganache
6. Johnsonite wall base
   Masquerade | Reveal Crema
7. Luxury vinyl tile & plank
   Even Plane | Cement PNS Light Grey 8703
8. Heterogeneous sheet
   Performa™ | Mission Oak 55004 Laurel
9. Johnsonite wall base
   Millwork | Ledge MW-TG7-X62 Canary
10. Luxury vinyl tile & plank
    Victory® Color Studio™ Hues & Tones™ VCR Vintage Gold 0245
11. Luxury vinyl tile & plank
    True to Form™ | Palladian™ PCPD Murano 4660
12. Carpet tile
    Collaborative | Create Unity™ G0080 Redefine 32806
13. Linoleum
    Emme 719 Tan
14. Johnsonite wall base
    Millwork | Exhibit MW-TH6-FS Golden Joy (2024 Color of the Year)

Color Foundations®: It™s easy to coordinate Johnsonite products with a wide range of flooring choices from the Tarkett portfolio. Color Foundations gives you six neutral palettes that pair popular Johnsonite colors with hundreds of flooring options for Soft Surface to Resilient. We've done the color-coordination for you. Just pick your palette and go!

Palette Key: **WB** (Warm Beige),**CB** (Cool Beige), **WG** (Warm Grey),**CG** (Cool Grey), **B** (Black),**W** (White)

Color may vary from actual swatch. To order a sample and to learn more, please visit **tarkett.com**.

MADE RIGHT MEANS JOHNSONITE™

Since the early 1960s, the Johnsonite name has been synonymous in the flooring industry with lasting quality, creative flexibility, and unwavering integrity.

With the category's broadest selection of patterns, textures, colors, and profiles—plus the ability to match any tailored palette with quick lead times and low minimums—we'll help you turn what used to be basic rubber tile and finishing accessories into fully coordinated design statements.

We come to work every day to help you win, crafting solutions you can rely on. That's why Made Right Means Johnsonite.

Discover Johnsonite

ColorMatch® palette

We'll perfectly match 32 leading colors across Johnsonite's rubber and vinyl product categories without dye lots

(IWMKR ½ I\MFMPMX]

Industry™s broadest selection of colors, patterns, textures and profiles

Healthy materials

Free of ortho-phthalates, PFAS and antimicrobials

Made in USA

Designed and manufactured in USA; Buy American Act Compliant

8EMPSVIH F] 8EVOIXX

Precisely match any color with quick lead times and low minimum order quantities

Meet Tony, the production manager who helps ensure that all Johnsonite products are made right, including the expanded Millwork collection now available in four new profiles and more than 100 stylish colors. If you don™t see the color you need, Tony and his team will create it for you with quick lead times and low minimum order quantities.

ColorMatch®

Perfectly matched flooring and accessories, made easy. This designer palette of leading colors is coordinated across multiple product categories with no dye lots…ever! Our rigorous manufacturing and quality standards enable you to confidently mix and match a color across all Johnsonite rubber and vinyl products, including flooring, finishing borders, and finishing accessories. We guarantee these colors will match year after year, product after product.

08 Icicle W *
24 Grey Haze WG *
55 Silver Grey WG *
32 Pebble WG *
29 Moon Rock WG *
01 Snow White W *
22 Pearl CB *
31 Zephyr CB *
80 Fawn CB *
TA8 Welsh Castle CB *
11 Canvas WB *
09 Clay WB *
49 Beige WB *
45 Sandalwood WB *
76 Cinnamon
283 Toast
47 Brown
TB1 Peppercorn
167 Fudge
40 Black B *
21 Platinum CG *
38 Pewter CG *
28 Medium Grey CG *
71 Storm Cloud CG *
TA6 Redrock CG *
48 Grey WG *
20 Charcoal WG *
TA4 Gateway WG *
63 Burnt Umber B *
44 Dark Brown B *
86 Hunter Green
18 Navy Blue

* See the Color Foundations key on page 8.

Every step matters

Tarkett's holistic approach to sustainability is woven into the fabric of how we do business and sits at the heart of our day-to-day decision making.

For decades, we've been scrutinizing every detail of our business for its impact on resources like soil, water, and air—because when you're trailblazing a more sustainable future, **every step matters**.

The **proof** is in the numbers.

Circular economy

94%
of our raw materials are third-party assessed for their impact on human and environmental health based on Cradle to Cradle criteria.

69%
of raw materials are abundant, rapidly renewable, or recycled.

13
zero-waste-to-landfill manufacturing plants

2.1 million lb.
of flooring recycled in 2024 in North America

Certifications you can trust

2011
started working with EPEA to integrate Cradle to Cradle principles into every facet of our business

2013
first commercial flooring Certified **Asthma & Allergy Friendly®**

2022
Powerbond® RS is the first soft surface product in the industry to be Certified **Asthma & Allergy Friendly®**.

Transparency you can trust

100 ppm
raw materials content revealed down to 100 parts per million

When most manufacturers reveal raw materials content down to just 1,000 ppm, there™s simply no contest.

We've been providing Material Health Statements since 2013 to give you peace of mind about the content of our products.

Healthy impacts

99%
of flooring solutions have low VOC emission levels—10x lower than the most stringent world standards.

100%
ortho-phthalate-free vinyl production; first company to eliminate ortho-phthalates from all products

Global excellence

2010
first flooring manufacturer to join the UN Global Compact

2016
Began reporting to the
'EVFSR (MWGPSWYVI 4VSNIGX
'(4 -R ˘ 8EVOIXX
WGSVIH % XLI '(4
management level.

2020
¼ VWX EWWIWWQIRX F])GS:EHMW
-R ˘ 8EVOIXX W WGSVI SJ
˜ IEVRIH YW E 4PEXMRYQ
QIHEP ERH TPEGIH YW MR XL
XST SJ VEXIH GSQTERMIW

2023
SBTi deemed our target ambition in line with a 1.5°C trajectory, currently the most ambitious designation available through the SBTi process.

Source: Tarkett 2023 Corporate Social and Environmental Responsibility Report

Specifications

4VS¼ PI LIMKLXW	**Millwork Wall Base®**	Ambassador	Attaché	Delineate	Diplomat®	Equinox	Exhibit NEW	Inflection	Ledge NEW	Mandalay	Monarch	Monument	Oblique®	Outline®	Recessed NEW	Reveal®	Silhouette®	Stance NEW	**Millwork Accessories**	Rampart® (chair rail)	Corner Guard	Shoe Moulding	Quarter Round (0.5)	Quarter Round (0.75)
2.5"										✓		✓												
3"										✓			✓											
3.5"														✓										
4"		✓										✓					✓			✓				
4.25"				✓			✓									✓								
4.5"					✓	✓				✓								✓						
5.25"								✓																
6"			✓				✓		✓	✓	✓				✓	✓		✓						
8"							✓									✓								
Palette																								
115 solid colors		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Masquerade (digitally printed)							Ⓜ						Ⓜ	Ⓜ		Ⓜ	Ⓜ					Ⓜ	Ⓜ	Ⓜ
Warranty																								
2 year		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓

All Johnsonite Millwork profiles are available in standard 8' lengths.

Testing

Classification:	ASTM F1861	Passes
Flexibility:	ASTM F137	Passes
Chemical Resistance:	ASTM F925	Passes
Resistance to Light:	ASTM F1515	ΔΣ < 8
Fire Testing:	ASTM E648	Class 1
	CAN/ULC S102.2	FSR 120 / SDV >500

Sustainability attributes

MILLWORK FINISHING BORDERS

Product emissions decarbonization:
ClimeCo Certified Product™ decarbonization program available upon request

Healthy materials:
94% raw materials third-party assessed; ortho-phthalate-free

Indoor air quality:
FloorScore® certified; meets CA DPH Section 01350

Transparency documentation:
Product-specific EPD

Responsible end of use management:

ORTHO-PHTHALATE FREE

floor score

MADE IN USA

Transparency documentation

At Tarkett, transparency, social responsibility and environmental stewardship aren't add-ons—they're part of everything we do. By partnering with ecomedes and mindful MATERIALS, we make it easy for you to explore our sustainable flooring product options, their product certifications, green building systems and federal standards support documents. Visit **tarkett.ecomedes.com** to learn more.

mindful MATERIALS

ecomedes

ReStart Ready

ReStart is Tarkett's third-party certified reclamation program.

To join the **ReStart** program, scan the QR code or go to **commercial.tarkett.com/Restart**

For more accurate color and pattern representation, we suggest you visit an authorized Tarkett dealer to view an actual product sample. All third-party trademarks are the property of their respective owners.

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Tarkett North America

30000 Aurora Road, Solon, Ohio 44139
800.899.8916 | **tarkett.com**

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MOSAIC

KEYSTONES™

COLORBODY™ PORCELAIN

KEYSTONES™

COLORBODY™ PORCELAIN

Create A Stylized Space With The Latest Mosaic Looks

It's a celebration of color and patterns with Keystones™ through ColorBody porcelain mosaics from Daltile. Created with continuous color throughout the product, this collection proudly introduces a well-rounded class of shapes, sizes and patterns with our newest additions, the textured Criss Cross surface pattern and new organic shapes. From floors and walls to countertops, patios and pools, create custom designs perfect for any space. Add stylized borders and corners for a finishing touch and unified look.

MOSAIC

USAGE

- FLOOR
- WALL
- COUNTERTOP
- SHOWER FLOOR
- EXTERIOR FLOOR

SPECIAL FEATURES

- STEPWISE™
- TRU-EDGE™
- REVEAL SYNC3D™
- MADE IN THE U.S.A.
- LARGE FORMAT
- MOSAIC/ DECO
- ENCAUSTIC
- TERRAZZO
- PAVER
- CUSTOMIZE

PC COLORBODY PORCELAIN

LOW — HIGH

SEE CHARTS FOR FULL PRODUCT DETAILS

IMAGINE WHAT'S POSSIBLE™ WITH DALTILE DESIGNS

Cover photo features Keystones™ Ocean Blue 2 x 2, Nautical Blue 2 x 2 & Arctic White 2 x 2 in a custom mosaic pattern on the wall, Ocean Blue 2 x 2 on the pool lining and Nominee™ Sand, 24 x 24 paver on the floor.

Above photo features Keystones™ Biscuit 2 x 2 Criss Cross on the wall and Volume 1.0™ Clay, 12 x 24 matte on the floor.

MOSAIC

KEYSTONES™

COLORBODY™ PORCELAIN

FINISHES: MATTE | CRISS CROSS | ABRASIVE

GROUP 1

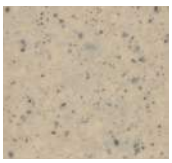
BISCUIT (1) D317

PEPPER WHITE (1) D037

MOONSHINE (1) D117

URBAN PUTTY (1) D161

URBAN PUTTY SPECKLE (1) D201


BUFFSTONE RANGE (1) D147

ELEMENTAL TAN (1) D166

ELEMENTAL TAN SPECKLE (1) D175

GROUP 2

CT-1 WOMEN'S RESTROOM

MOTTLED MEDIUM BROWN (1) D050

CT-2 MEN'S RESTROOM

RT GRAY LE (1) D200

SPA (1) D148

ARCTIC WHITE (2) D617

GOLDEN GRANITE (2) D138

ALMOND (2) D335

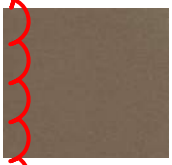
CORNSILK (2) D160

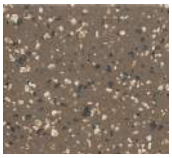
LUMINARY GOLD (2) D142

ARCHITECTURAL GRAY (2) D109

UPTOWN TAUPE (2) D132

UPTOWN TAUPE SPECKLE (2) D202


ARTISAN BROWN (2) D144


ARTISAN BROWN SPECKLE D204

MARBLE (2) D325

WATERFALL (2) D169

GROUP 3

MINT ICE (2) D152

CYPRESS (2) D452

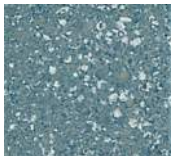
SUEDE GRAY (2) D182

SUEDE GRAY SPECKLE (2) D208

AQUA GLOW (3) D197

AEGEAN (3) D192

EMERALD GREEN (3) D116


SEA SPECKLE (3) D372

GROUP 4

BROWNBERRY (3) D118

CASTLEROCK (3) D618

OAK MOSS (3) D195

BLACK (3) D311

SUNSHINE (4) D620

MUSTARD (4) D181

PUMPKIN SPICE (4) D090

LIME SHERBET (4) D619

GROUP S

OCEAN BLUE (4) D159

DEEP PURPLE (4) D044

NAUTICAL BLUE (4) D621

GALAXY (4) D023

NAVY (4) D189

NAVY SPECKLE (4) D209

CLEMENTINE (S) D622

RED (S) D017

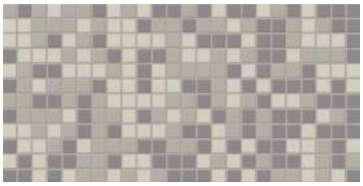
(1), (2), (3), (4) AND (S) INDICATE PRICE GROUPS. (1) BEING THE LEAST EXPENSIVE.

KEYSTONES™

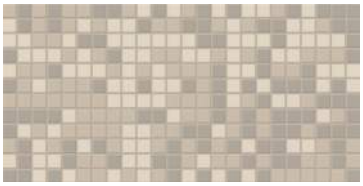
COLORBODY™ PORCELAIN

STOCKED BLENDS AND PATTERNS

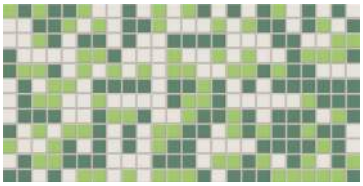
BEACH BLEND DK04 (1)
1 x 1 Mosaic
33% 33% Almond D335
33% Biscuit D317
34% Urban Putty D161



WHEAT BLEND DK21 (1)
1 x 1 Mosaic
33% Moonshine D117
33% Suede Gray D182
33% Desert Gray D014

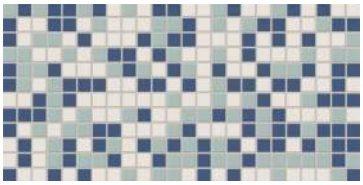


ALMOND BLEND DK22 (1)
1 x 1 Mosaic
33% Almond D335
33% Architectural Gray D109
33% Urban Putty D161

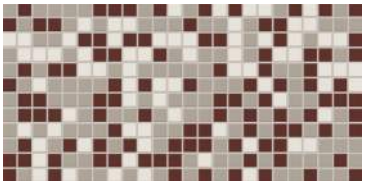


OLIVE BLEND DK23 (2)
1 x 1 Mosaic
40% Arctic White D617
40% Emerald D116
20% Lime Sherbet D619

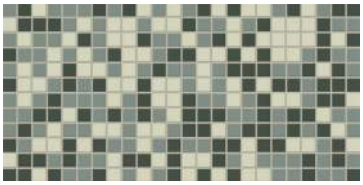
BERRY BLEND DK24 (2)
1 x 1 Mosaic
33% Moonshine D117
33% Waterfall D169
33% Navy D189



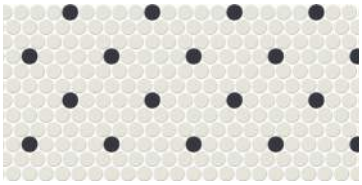
MACARON BLEND DK25 (2)
1 x 1 Mosaic
33% Galaxy D023
33% Arctic White D617
33% Spa D148



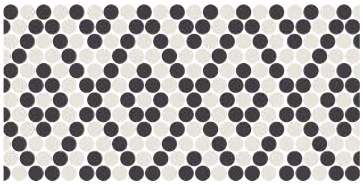
MAPLE BLEND DK26 (1)
1 x 1 Mosaic
40% Arctic White D617
40% Architectural Gray D109
20% Brownberry D118



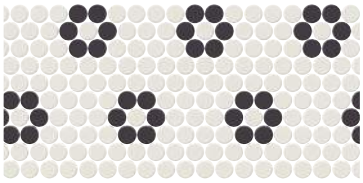
RYE BLEND DK27 (1)
1 x 1 Mosaic
33% Oak Moss D195
33% Mint D152
33% Cypress D452



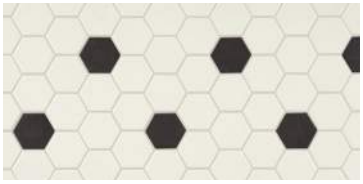
PENNY ROUND DK30
Retro Dot Mosaic
Arctic White D617 and Black D311



PENNY ROUND DK28
Diamond Mosaic
Arctic White D617 and Black D311

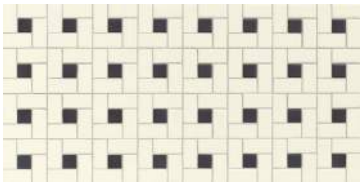


PENNY ROUND DK29
Rosette Mosaic
Arctic White D617 and Black D311

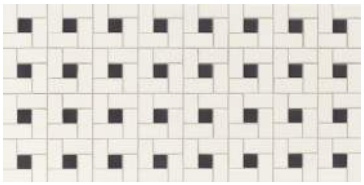


HEXAGON DK16
2" Hexagonal Mosaic
Arctic White D617 and Black D311

HEXAGON DK16
1" Hexagonal Mosaic
Arctic White D617 and Black D311



WINDMILL DK20
1 x 1 & 2 x 1 Mosaic
Biscuit D317 with Black D311



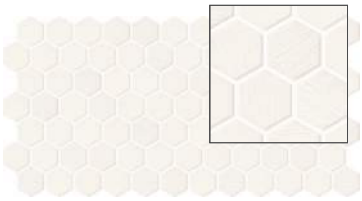
WINDMILL DK40
1 x 1 & 2 x 1 Mosaic
Arctic White D617 and Black D311

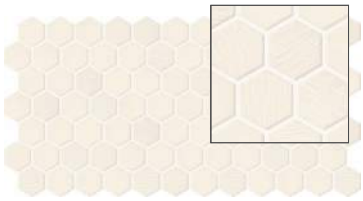
SLIP RESISTANT
WATERPROOF
STAINPROOF
DENTPROOF
SCRATCH-RESISTANT†
FIRE-RESISTANT†
INDOOR/OUTDOOR
SIMPLICLEAN™

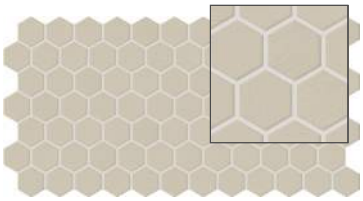
VISIT THE WHY TILE PAGE AT WWW.DALTILE.COM FOR A COMPLETE LIST OF QUALIFICATIONS AND EXCLUSIONS.

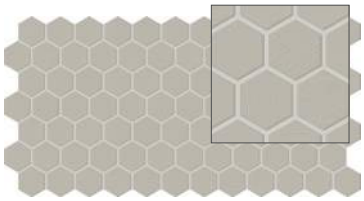
KEYSTONES™
COLORBODY™ PORCELAIN

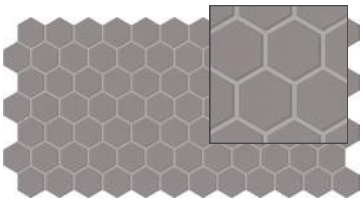
CRISS CROSS SURFACE

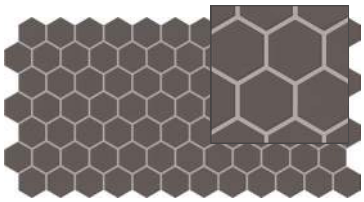

ARCTIC WHITE D617*
2" Hexagon Criss Cross Mosaic

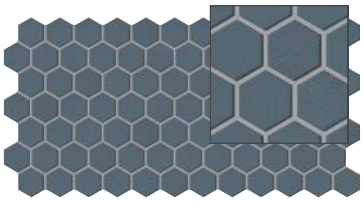

BISCUIT D317*
2" Hexagon Criss Cross Mosaic

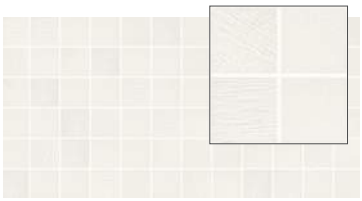

URBAN PUTTY D161*
2" Hexagon Criss Cross Mosaic


DESERT GREY D014*
2" Hexagon Criss Cross Mosaic

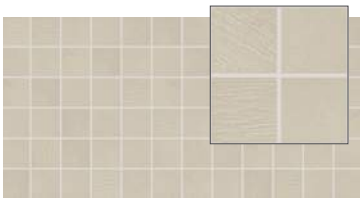

SUEDE GRAY D182*
2" Hexagon Criss Cross Mosaic

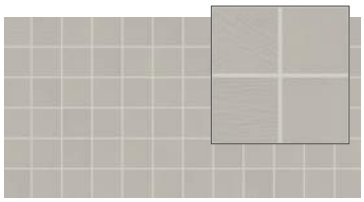

BLACK D311*
2" Hexagon Criss Cross Mosaic

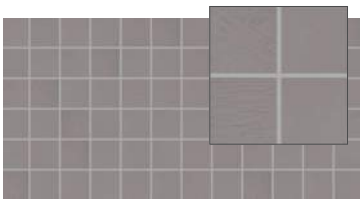

GALAXY D023*
2" Hexagon Criss Cross Mosaic

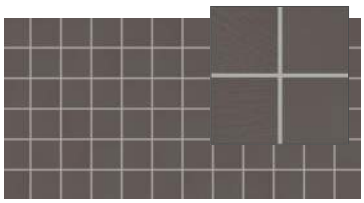

ARCTIC WHITE D617*
2 x 2 Criss Cross Mosaic

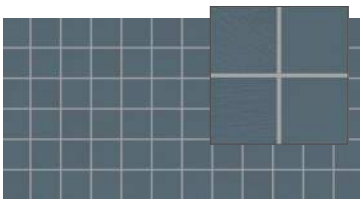
BISCUIT D317*
2 x 2 Criss Cross Mosaic


URBAN PUTTY D161*
2 x 2 Criss Cross Mosaic


DESERT GREY D014*
2 x 2 Criss Cross Mosaic


SUEDE GRAY D182*
2 x 2 Criss Cross Mosaic


BLACK D311*
2 x 2 Criss Cross Mosaic

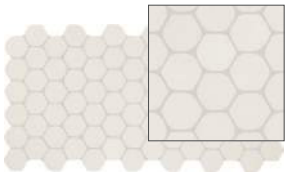

GALAXY D023*
2 x 2 Criss Cross Mosaic

*2" Hexagon Criss Cross Mosaic and 2 x 2 Criss Cross Mosaic are produced with a random mix of 50% smooth and 50% Criss Cross surface.

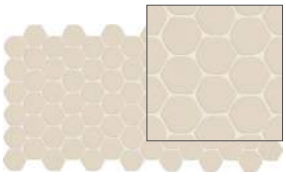
KEYSTONES™

COLORBODY™ PORCELAIN

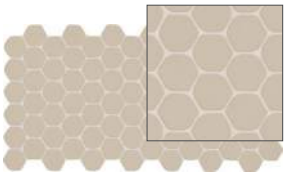
ORGANIC 2" HEXAGON MOSAIC



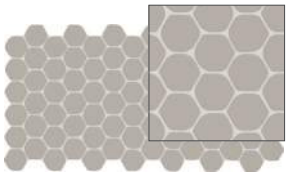
ARCTIC WHITE D617 (2)



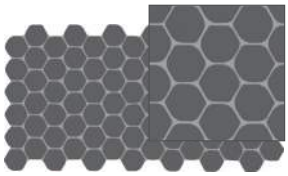
ALMOND D335 (2)



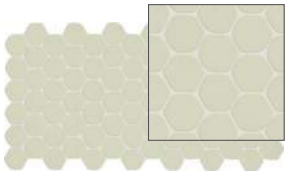
URBAN PUTTY D161 (1)



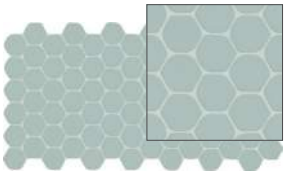
DESERT GRAY D014 (1)



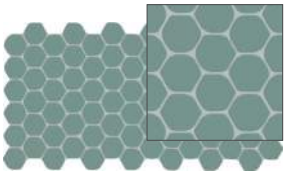
CASTLEROCK D618 (3)



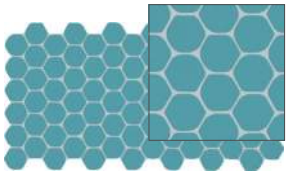
MINT ICE D152 (2)



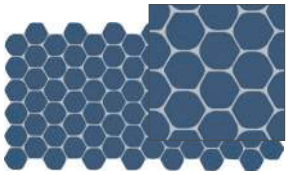
SPA D148 (1)



AEGEAN D192 (3)

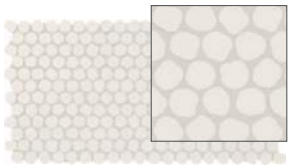


OCEAN BLUE D159 (4)

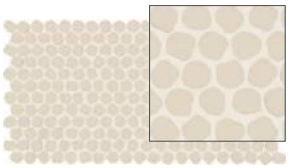


GALAXY D023 (4)

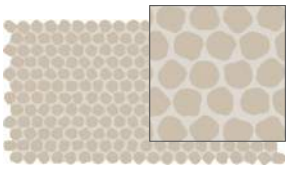
ORGANIC 1" PENNY MOSAIC



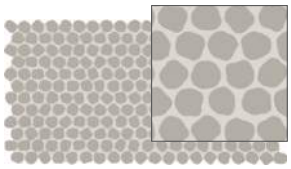
ARCTIC WHITE D617 (2)



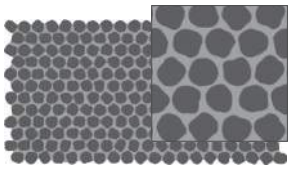
ALMOND D335 (2)



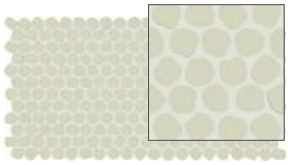
URBAN PUTTY D161 (1)



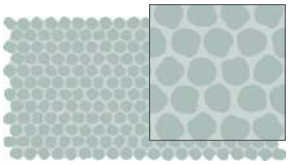
DESERT GRAY D014 (1)



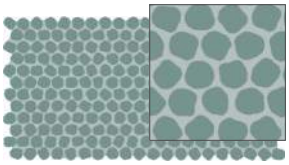
CASTLEROCK D618 (3)



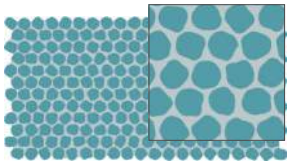
MINT ICE D152 (2)



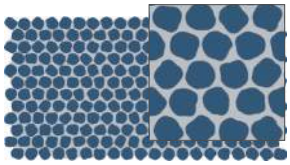
SPA D148 (1)



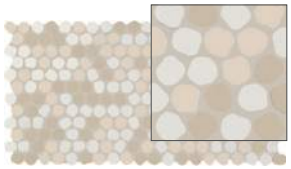
AEGEAN D192 (3)



OCEAN BLUE D159 (4)

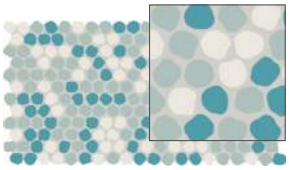


GALAXY D023 (4)



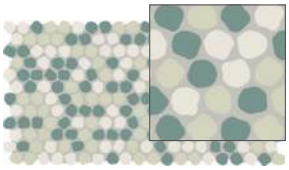
SAND BLEND DK32 (1)

33% ALMOND D335
33% ARCTIC WHITE D617
33% URBAN PUTTY D161



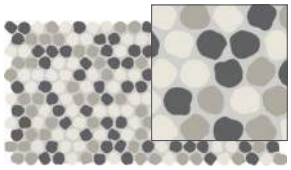
DEEP SEA BLEND DK33 (2)

33% ARCTIC WHITE D617
33% SPA D148
33% OCEAN BLUE D159



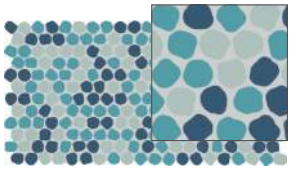
SPRING BLEND DK34 (2)

33% AEGEAN D192
33% MINT ICE D152
33% ARCTIC WHITE D617



WHITE ROCK BLEND DK35 (1)

33% ARCTIC WHITE D617
33% DESERT GRAY D014
33% CASTLEROCK D618



NAVAL BLEND DK36 (2)

33% GALAXY D023
33% SPA D148
33% OCEAN BLUE D159

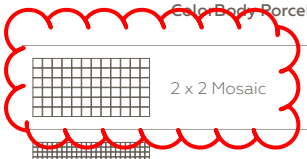
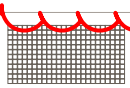
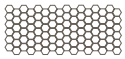
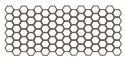
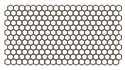
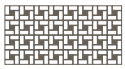
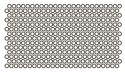
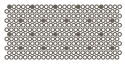
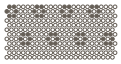
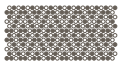
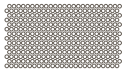
(1), (2), (3), and (4) indicate price groups, (1) being the least expensive.

KEYSTONES™

COLORBODY™ PORCELAIN

MOSAIC

SIZES

ColorBody Porcelain Dot-Mount Mosaics		Thickness	Finish	Made in U.S.A.
 2 x 2 Mosaic	12" x 24" Sheet (30.48 cm x 60.96 cm Sheet)	1/4"	M T A	
 1 x 1 Mosaic	12" x 24" Sheet (30.48 cm x 60.96 cm Sheet)	1/4"	M A	
 2" Hexagon Mosaic	12" x 24" Sheet (30.48 cm x 60.96 cm Sheet)	1/4"	M T	
 Organic 2" Hexagon Mosaic	12" x 24" Sheet (30.48 cm x 60.96 cm Sheet)	1/4"	M	
 1" Hexagon Mosaic	12" x 22-5/8" Sheet (30.48 cm x 58.10 cm Sheet)	1/4"	M	
 2 x 1 / 1 x 1 Windmill Mosaic	12" x 24" Sheet (30.48 cm x 60.96 cm Sheet)	1/4"	M	
 1" Penny Round Solid Colors	10" x 22" Sheet (25.40 cm x 55.88 cm Sheet)	1/4"	M	
 1" Penny Round Retro Dot	10" x 22" Sheet (25.40 cm x 55.88 cm Sheet)	1/4"	M	
 1" Penny Round Rosette	10" x 22" Sheet (25.40 cm x 55.88 cm Sheet)	1/4"	M	
 1" Penny Round Diamond	10" x 22" Sheet (25.40 cm x 55.88 cm Sheet)	1/4"	M	
 Organic 1" Penny Mosaic	12" x 22" Sheet (30.48 cm x 55.88 cm Sheet)	1/4"	M	

M Matte Finish

T Textured Finish (Textured Finish available in D617, D317, D161, D014, D182, D023, D311 only.)

A Abrasive Finish (Abrasive Finish available in all colors, except D017 Red and D622 Clementine, on a made to order basis.)

1" x 1" and 2" x 2" mosaics are available in every color and can be ordered in standard or custom patterns and blends. All colors in 1" x 1" and 2" x 2" size can also be ordered with ClearFace mounting system (which is recommended for use in pool tanks and submerged applications).

All other sizes are available in select colors (see color groups section for details) and can be made to order in standard or custom patterns and blends.

Please see the "Pattern and Border Guide" (available on-line) for templates; and for order assistance please contact your local Daltile Sales Representative.

To view Keystones complete product information visit our website at daltile.com

APPLICATIONS

	Target DCOF wet	Suitable
Dry & Level – Interior Floor	N/A	✓
Wet & Level – Interior Floor	≥ 0.42	✓
Shower Floors - Standard Center Drain	≥ 0.42	✓
Shower Floors - Linear Drain	≥ 0.55 (Matte)	✓
	≥ 0.60 (Abrasive)	✓
Exterior Floor Applications (including patios, pool decking & other wet areas with minimal footwear)	≥ 0.55	✓*
Ramps & Inclines	≥ 0.65	
Walls/Backsplashes	N/A	✓
Countertops	N/A	✓
Pool Linings	N/A	✓
Pool Tank/Submerged	N/A	✓**

A DCOF value of ≥0.42 is the standard for tiles specified for level interior spaces expected to be walked upon when wet, as stated in ANSI A137.1-A326.3. For more information about DCOF and the DCOF AcuTest™, visit daltile.com/DCOF.

APPLICATION NOTES:

Suitable for exterior applications (provided it is noted as suitable in the applications chart above) in freezing and non-freezing climates, when proper installation methods are followed.

* Keystones mosaics have recurrent grout joints and reflect a DCOF of ≥ 0.55 wet making them suitable for these applications.

** Keystones mosaics with ClearFace™ mounting system recommended for pool tanks and submerged applications.

INSTALLATION

Grout Joint Recommendation	Shade Variation
1/8" Approximately*	Low (V1) to Random (V4)

Solid colors have medium shade variation, mottled and speckled colors have medium, and blends have random.

* Organic Hex and Penny Mosaic grout joints are intended to vary due to the unique mosaic shape.

PERFORMANCE CHARACTERISTICS

	ASTM#	Result
Water Absorption	C373	< 0.5%
Breaking Strength	C648	> 300 lbf
Scratch Hardness	C1895	7.0 - 8.0
Chemical Resistance	C650	Resistant

For additional information on test results, visit us at: daltile.com/information/TestResults.

DURABILITY

Floor Surface Wear Resistance

1	Residential Bathrooms	3	All Residential / Light Commercial
2	All Residential Areas	4	All Residential / Commercial

PRE-CONSUMER RECYCLED MATERIALS

All or select items within this series meet the requirements for these qualifications. For more information, visit daltile.com.

LRV & MUNSELL

COLOR #	LRV Illuminate-OBS: F02-02 (CWF)	MUNSELL
D037 Pepper White	65.8	4.7Y 8.3/0.7
D335 Almond	61.8	2.0Y 8.1/1.4
D618 Castle Rock	10.9	8.4PB 3.8/0.4
D311 Black	6.5	0.3P 3.0/0.2
D144 Artisan Brown	15.8	9.5YR 4.5/1.9
D147 Buffstone Range	35.7	2.4Y 6.4/1.1
D161 Urban Putty	39.9	1.5Y 6.7/1.8
D014 Desert Gray	40.2	2.9Y 6.8/0.6
D023 Galaxy	9.3	4.6PB 3.7/4.9
D044 Deep Purple	13.6	5.6P 4.3/1.9
D050 Mottled Medium Brown	26.6	0.3Y 5.7/2.2
D090 Pumpkin Spice	28.1	6.1YR 5.7/5.6
D109 Architectural Gray	31.6	3.3Y 6.1/1.3
D116 Emerald	18.1	2.1G 4.9/2.9
D117 Moonshine	57.0	2.9Y 7.9/0.7
D118 Brown Berry	9.4	10.0R 3.5/2.7
D132 Uptown Taupe	31.0	8.7YR 6.1/1.4
D138 Golden Granite	70.6	1.9Y 8.6/1.0
D142 Luminary Gold	51.1	1.0Y 7.4/4.7
D148 Spa	46.0	7.3G 7.2/1.2
D152 Mint Ice	57.2	6.5GY 7.9/1.3
D159 Ocean Blue	25.8	2.4B 5.8/4.5
D160 Cornsilk	64.2	2.6Y 8.2/4.1
D166 Elemental Tan	24.2	9.4YR 5.4/2.1
D169 Waterfall	37.2	9.4B 6.7/2.9
D175 Elemental Tan Speckle	33.2	9.6YR 6.2/2.5
D181 Mustard	42.0	9.2YR 6.8/6.7
D182 Suede Gray	24.1	9.8RP 5.5/1.2
D189 Navy	7.2	2.4PB 3.3/2.2
D192 Aegean	23.3	1.2BG 5.5/2.4
D195 Oak Moss	8.2	9.0GY 3.4/1.3
D197 Aqua Glow	35.3	8.7BG 6.6/3.4
D200 Desert Gray Speckle	41.7	3.7Y 6.9/0.6
D201 Urban Putty Spk	44.7	1.7Y 7.1/1.8
D202 Uptown Taupe Speckle	26.9	9.1YR 5.7/1.2

COLOR #	LRV Illuminate-OBS: F02-02 (CWF)	MUNSELL
D204 Artisan Brown Speckle	16.4	0.5Y 4.6/1.5
D208 Suede Gray Speckle	23.7	1.7Y 5.4/0.2
D209 Navy Speckle	9.9	5.1PB 3.8/4.0
D317 Biscuit	69.9	3.5Y 8.6/0.9
D325 Marble	57.1	0.5Y 7.9/1.3
D372 Sea Speck	14.1	3.2B 4.5/3.0
D452 Cypress	25.5	2.4GY 5.6/1.6
D617 Arctic White	75.0	0.4GY 8.8/0.4
D619 Lime Sherbert	44.5	5.6GY 7.1/5.0
D620 Sunshine	66.3	7.1Y 8.2/7.2
D621 Nautical Blue	8.5	5.2PB 3.7/6.9
D017 Red	13.3	5.6R 4.2/8.8
D622 Clementine	36.7	2.2YR 6.3/9.9

KEYSTONES™

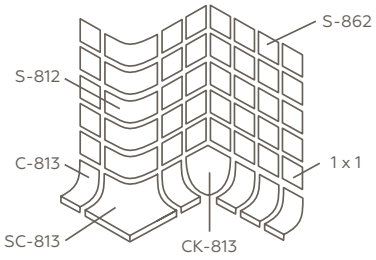
COLORBODY™ PORCELAIN

TRIM INSTALLATION

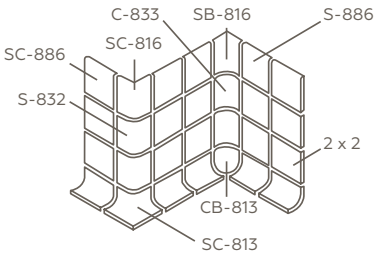
Trim is available in single linear foot lengths, or it can be ordered with cap and/or cove face-mounted on the sheet with flat tile. Trim members with modular 1 x 1 and 2 x 2 flat tile.

SURFACE TRIM
(typical installation)

1 x 1 THINSET BED

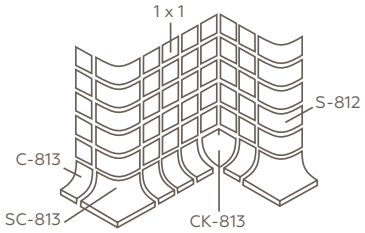


2 x 2 THINSET BED

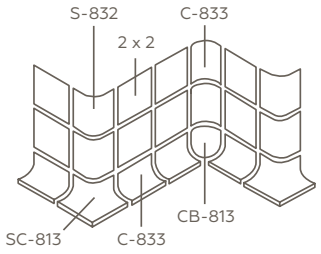


UNIVERSAL TRIM
(typical installation)

1 x 1 CONVENTIONAL MORTAR BED



2 x 2 CONVENTIONAL MORTAR BED



MOUNTED TILE SHEETS

- Master-Set® back-edge mounting system for ceramic mosaics, borders and pattern designs.
- All glazed and unglazed porcelain mosaic colors are mounted.
- Easy to cut with knife or pointed trowel.
- Strong, flexible 12 x 24 sheets.

TRIM

	Type	Number	Size	Pieces / LF Per Carton	Groups
	Bullnose	S862	1 x 1	196	1, 2
	Bullnose	S886	2 x 2	180	1, 2, 3, 4
	Bullnose Corner	SC862 ◆	1 x 1	100	1, 2
	Bullnose Corner	SC886	2 x 2	100	1, 2, 3, 4
	Cove Base	C813	1 x 1	84	1, 2
	Cove Base	C833	2 x 2	84	1, 2, 3
	Cove Base Corner	CB813	1 x 1	100	1, 2
	Cove Base Corner	CK813	1 x 1	100	1, 2, 3
	Cove Base Corner	SB816 ◆	2 x 2	100	1, 2
	Cove Base Corner	SC816 ◆	2 x 2	100	1, 2
	Outcorner	SCL833 ◆ SCR833 ◆	2 x 1	100	1, 2, 3
	Universal Trim	S812 ◆	1 x 1	112	1, 2
	Universal Trim	S832	2 x 2	112	1, 2
	Universal Trim	SC813	2 x 2	100	1, 2, 3
	Universal Trim	C701 ◆	2 x 1	50	1, 2, 3, 4
	4 pc x 12 pc Build-up Base (4" x 12" Sheet)	MB4C	(3) Rows 1 x 1 (1) Row C-813	26	1, 2
	5 pc x 12 pc Build-up Cove Base (5" x 12" Sheet)	MB5	(1) Row S-862 (3) Rows 1 x 1 (1) Row C-813	26	1, 2
	3 pc x 6 pc Build-up Base (5" x 12" Sheet)	MB5A	(2) Rows 2 x 2 (1) Row C-833	26	1, 2, 3
	3 pc x 6 pc Build-up Cove Base (5" x 12" Sheet)	MB5B	(1) Row S-886 (1) Row 2 x 2 (1) Row C-833	26	1, 2, 3

◆ Made-to-order

KEYSTONES™
COLORBODY™ PORCELAIN

GROUP 1

Color Name		Keystones Unglazed 1 x 1 & 2 x 2	2 x 2 and 2" Hexagon Criss Cross	Keystones Organic 2" Hex & 1" Penny	Penny Rounds	Keystones 1" Hex	Keystones 2" Hex	Trim
D317	Biscuit	STK	STK	NA	STK	STK	N/A	STK
D147	Buffstone Range	STK	N/A	NA	N/A	N/A	N/A	STK
D014	Desert Gray	STK	STK	STK	STK	STK	STK	STK
D200	Desert Gray Speckle	STK	N/A	NA	N/A	N/A	STK	STK
D166	Elemental Tan	STK	N/A	NA	N/A	N/A	N/A	STK
D175	Elemental Tan Speckle	STK	N/A	NA	N/A	N/A	N/A	STK
D050	Mottled Medium Brown	STK	N/A	NA	N/A	N/A	N/A	STK
D037	Pepper White	STK	N/A	NA	STK	N/A	N/A	STK
D148	Spa	STK	N/A	STK	N/A	STK	N/A	*
D161	Urban Putty	STK	STK	STK	STK	N/A	STK	STK
D201	Urban Putty Speckle	STK	N/A	NA	N/A	N/A	STK	STK
D117	Moonshine	STK	N/A	NA	STK	STK	STK	STK

GROUP 2

Color Name		Keystones Unglazed 1 x 1 & 2 x 2	2 x 2 and 2" Hexagon Criss Cross	Keystones Organic 2" Hex & 1" Penny	Penny Rounds	Keystones 1" Hex	Keystones 2" Hex	Trim
D335	Almond	STK	N/A	STK	STK	STK	N/A	STK
D109	Architectural Gray	STK	N/A	NA	STK	N/A	STK	*
D617	Arctic White	STK	STK	STK	STK	STK	STK	STK
D144	Artisan Brown	STK	N/A	NA	N/A	N/A	N/A	*
D204	Artisan Brown Speckle	STK	N/A	NA	N/A	N/A	N/A	*
D160	Cornsilk	MTO	N/A	NA	N/A	N/A	N/A	+
D452	Cypress	MTO	N/A	NA	N/A	N/A	N/A	+
D138	Golden Granite	STK	N/A	NA	N/A	N/A	N/A	*
D142	Luminary Gold	MTO	N/A	NA	N/A	N/A	N/A	+
D325	Marble	STK	N/A	NA	N/A	N/A	N/A	*
D152	Mint Ice	MTO	N/A	STK	N/A	N/A	N/A	+
D182	Suede Gray	STK	STK	NA	STK	N/A	STK	STK
D208	Suede Gray Speckle	STK	N/A	NA	N/A	N/A	N/A	STK
D132	Uptown Taupe	STK	N/A	NA	N/A	N/A	N/A	*
D202	Uptown Taupe Speckle	STK	N/A	NA	N/A	N/A	N/A	STK
D169	Waterfall	STK	N/A	NA	N/A	N/A	N/A	*

GROUP 3

Color Name		Keystones Unglazed 1 x 1 & 2 x 2	2 x 2 and 2" Hexagon Criss Cross	Keystones Organic 2" Hex & 1" Penny	Penny Rounds	Keystones 1" Hex	Keystones 2" Hex	Trim
D192	Aegean	MTO	N/A	STK	N/A	N/A	N/A	+
D197	Aqua Glow	MTO	N/A	NA	N/A	N/A	N/A	+
D311	Black	STK	STK	NA	STK	STK	STK	*
D618	Castlerock	STK	N/A	STK	N/A	N/A	N/A	STK
D195	Oak Moss	MTO	N/A	NA	N/A	N/A	N/A	+
D372	Sea Speckle	MTO	N/A	NA	N/A	N/A	N/A	+
D118	Brownberry	STK	N/A	NA	N/A	STK	N/A	*
D116	Emerald	STK	N/A	NA	N/A	STK	N/A	*

STK Trim stocked in S862, S886, SC886, C813, C833, CB813, CK813, S832, SC813, MB-4C, MB-5, MB-5A, MB-5B and made to order in SC862, SB816, SC816, SCR-L833, S812 and C701

* Trim Stocked in S886, SC886, C833 and SC813. Made-to-Order in C701, SCR-L833, CK813, MB5B and MB5A. No other trim available.

+ Trim Made-to-order in S886, SC886, C833, SC813, C701, SCR-L833, CK813, MB5B and MB5A. No other trim available.

STK = stocked, N/A = Not available, MTO = Made-to-Order. Made to Order items require 6 - 8 week lead time.

KEYSTONES™
COLORBODY™ PORCELAIN

MOSAIC

GROUP 4

Color Name		Keystones Unglazed 1 x 1 & 2 x 2	2 x 2 and 2" Hexagon Criss Cross	Keystones Organic 2" Hex & 1" Penny	Penny Rounds	Keystones 1" Hex	Keystones 2" Hex	Trim**
D044	Deep Purple	MTO	N/A	NA	N/A	N/A	N/A	MTO
D023	Galaxy	STK	STK	STK	N/A	STK	N/A	MTO
D619	Lime Sherbet	STK	N/A	NA	N/A	N/A	N/A	MTO
D181	Mustard	STK	N/A	NA	N/A	N/A	N/A	MTO
D621	Nautical Blue	STK	N/A	NA	N/A	N/A	N/A	MTO
D189	Navy	STK	N/A	NA	N/A	N/A	N/A	MTO
D209	Navy Speckle	STK	N/A	NA	N/A	N/A	N/A	MTO
D159	Ocean Blue	STK	N/A	STK	N/A	N/A	N/A	MTO
D090	Pumpkin Spice	MTO	N/A	NA	N/A	N/A	N/A	MTO
D620	Sunshine	STK	N/A	NA	N/A	N/A	N/A	MTO

GROUP S

Color Name		Keystones Unglazed 1 x 1 & 2 x 2	2 x 2 and 2" Hexagon Criss Cross	Penny Rounds	Keystones 1" Hex	Keystones 2" Hex	Trim
D017	Red #	MTO	N/A	N/A	N/A	N/A	N/A
D622	Clementine #	MTO	N/A	N/A	N/A	N/A	N/A

Available in 1 x 1 and 2 x 2 only (no trim) on a made to order basis.

STK Trim stocked in S862, S886, SC886, C813, C833, CB813, CK813, S832, SC813, MB4C, MB5, MB5A, MB5B and made to order in SC862, SB816, SC816, SCR-L833, S812 and C701

* Trim Stocked in S886, SC886, C833 and SC813. Made-to-Order in C701, SCR-L833, CK813, MB5B and MB5A. No other trim available.

+ Trim Made-to-order in S886, SC886, C833, SC813, C701, SCR-L833, CK813, MB5B and MB5A. No other trim available.

** Group 4 trim offered in in S886, SC886 and C701. No other trim offered.

STK = stocked, N/A = Not available, MTO = Made-to-Order. Made to Order items require 6 - 8 week lead time.

NOTES

Since there are variations in all fired ceramic and natural products, tile and trim supplied for your particular installation may not match samples. Final confirmation should be made from actual tiles and trim prior to installation. Manufactured in accordance with ANSI A137.1 standards.

Not for use on ramps. Water, oil, grease, improper drainage and certain footwear can create slippery conditions. Floor applications expected to be exposed to these conditions require extra caution in product selection.

For additionall information refer to "Factors to Consider" at: daltile.com/Factors.

Random visuals enhance the natural beauty of this product. To achieve optimal results, all tile should be selected from multiple cartons and shading and graphic arrangement planned prior to installation.

Special care should be taken when grouting with dark pigmented colors. A grout release is recommended to prevent finely powdered pigments from lodging in the pores of the surface. Use of a latex modified thin-set is recommended for installation.

CLEARFACE™ MOUNTING SYSTEM

- Keystones™ ClearFace™ is a mounting system intended primarily for use in swimming pools and submerged applications. ClearFace™ mounted tile is a premium product to existing paper-face offerings and supplements dot-mounted mosaics.
- Additionally, ClearFace™ allows the contractor to see chips as they are being installed, allowing for realignment when wet should a chip need adjustment. ClearFace's premium feature includes complete tile-back-to-substrate mortar transfer.
- All Keystones 1" and 2" colors are available on a standard made-to-order basis using the ClearFace™ mounting system.
- Complete tile-to-substrate mortar transfer
- Premium alternative for swimming pool installations
- Provides 100% contact between the tile and setting materials, providing additional bond strength
- Allows for visual inspection and better alignment during installation
- Comes with extended 25-year pro-rated limited warranty

CERTIFIED PORCELAIN TILE 0.5% or less water absorption

ZEROTOX

7834 C.F. Hawn Freeway,
Dallas, Texas 75217 | 1.800.933.TILE

To view the complete collection of Daltile® products and information, visit our website at **daltile.com.**

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COLOR STORY™ WALL

COLOR STORY™ COLLECTION - GLAZED CERAMIC

AMERICAN OLEAN®

ALTERNATE WALL TILE CT-3

WALL

AMERICAN OLEAN®
PROVEN IN TILE™

COLOR STORY™ WALL

Make your mark and tell your story with Color Story™. This wall collection features an attractive mix of 32 colors and multiple finish selections to offer design versatility. Colors range from neutral and earth hues to bright and energetic tones. Give your space its own personality through various size selections. Offering solutions to the most creative demands, Color Story Wall delivers quality, functionality and style to artists and designers everywhere.

Cover photo features Devotion, Blaze, Wisdom, Mandarin, Lemon Zest, Green Apple, and Sapphire Sky Penny Round mosaic.
Above photo features 2 x 8 Navy and Ice White on the wall, 2x2 Navy mosaic in the niche and Panoramic Porcelain Statuario on the countertop.

COLOR STORY™ WALL

COLOR STORY™ COLLECTION - GLAZED CERAMIC

AMERICAN OLEAN®

FINISHES: GLOSSY | MATTE

USAGE: FLOOR, WALL, COUNTERTOP, SHOWER FLOOR, EXTERIOR FLOOR

MATERIAL: C CERAMIC

PRICING: $ LOW — HIGH

SPECIAL FEATURES: STEPWISE™, TRUEDGE™, MADE IN THE U.S.A., LARGE FORMAT, MOSAIC/DECO, ENCAUSTIC, TERRAZZO, PAVER, CUSTOMIZE

NOT APPLICABLE FOR ALL PRODUCTS IN THIS SERIES. SEE CHARTS FOR FULL PRODUCT DETAILS.

WALL

NEUTRAL

ICE WHITE 0025 (1)

CALM 0035 (1)

BALANCE 0014 (1)

BLACK 0049 (2)

MATTE DESIGNER WHITE 0061 (1)

MATTE CALM 0036 (1)

MATTE BALANCE 0034 (1)

MATTE BLACK 0064 (2)

NEUTRAL+

STABLE 0055 (2)

DEPENDABLE 0053 (2)

STORM GRAY 0040 (2)

SHADOW 0006 (2)

MATTE STABLE 0052 (2)

MATTE DEPENDABLE 0056 (2)

MATTE STORM GRAY 0017 (2)

MATTE SHADOW 0016 (2)

VIBRANT*

SCARLET 0010 (3)

PASSION 0019 (3)

BLAZE 0029 (3)

WISDOM 0082 (3)

NAVY 0117 (3)

SAPPHIRE SKY 0070 (3)

DEVOTION 0086 (3)

LEMON ZEST 0075 (3)

VIBRANT+*

TRANQUILITY 0059 (3)

FRESH 0031 (3)

MANDARIN 0077 (3)

GREEN APPLE 0076 (3)

PEACOCK BLUE 0084 (3)

RESTORE 0058 (3)

BLUSH 0023 (3)

GRACE 0068 (3)

*Vibrant available in glossy finish only.

(1), (2) and (3) indicate price groups. (1) being the least expensive.

COLOR STORY™ WALL

COLOR STORY™ COLLECTION - GLAZED CERAMIC

AMERICAN OLEAN®

FINISHES: GLOSSY | MATTE

USAGE: FLOOR, WALL, COUNTERTOP, SHOWER FLOOR, EXTERIOR FLOOR

MATERIAL: C CERAMIC

PRICING: LOW – HIGH

SPECIAL FEATURES: STEPWISE™, TRUEDGE™, MADE IN THE U.S.A., LARGE FORMAT, MOSAIC/DECO, ENCAUSTIC, TERRAZZO, PAVER, CUSTOMIZE

NOT APPLICABLE FOR ALL PRODUCTS IN THIS SERIES. SEE CHARTS FOR FULL PRODUCT DETAILS.

WALL

SIZES

			THICKNESS	SQ. FT./ CARTON	PIECES/ CARTON
	8 x 24 Wall Tile	8" x 24" (20.34 cm x 61.03 cm)	3/8" 9.30 mm	13.30	10
	4 x 16 Wall Tile	4" x 16" (10.17 cm x 40.68 cm)	3/8" 9.30 mm	13.20	30
	4 x 12 Wall Tile	4-1/4" x 12-7/8" (10.91 cm x 32.77 cm)	5/16" 7.90 mm	10.64	28
	2 x 8 Wall Tile	2-1/8" x 8-3/16" (5.45 cm x 21.82 cm)	5/16" 7.90 mm	10.40	80
	3 x 6 Wall Tile	3" x 6" (7.65 cm x 15.31 cm)	5/16" 7.90 mm	12.50	100
	6 x 6 Wall Tile	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	12.50	50
	4 x 4 Wall Tile	4-1/4" x 4-1/4" (10.90 cm x 10.90 cm)	5/16" 7.90 mm	12.50	100

COLOR/SHAPE AVAILABILITY CHART

	8 x 24	4 x 16	4 x 12	2 x 8	3 x 6	6 x 6	4 x 4	JOLLY	A106 & AC106	BULLNOSE	COVE BASE
NEUTRAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NEUTRAL +	✓	✓	✓	✓	✓	✓	✓	✓		✓	○
VIBRANT	✓	✓	✓	✓	✓			✓			
VIBRANT +		✓	✓	✓	✓			✓			

✓ Inventory ○ Made to order

INSTALLATION

Grout Joint Recommendation	Shade Variation
8 x 24: 1/16" (1/8" when rectangular size is installed in a staggered brick-joint pattern; overlap should not exceed 33%.) **4 x 16, 4 x 12, & 2 x 8:** 1/16" (When rectangular size is installed in a staggered brick-joint pattern, overlap should not exceed 33%.) **6 x 6, 4 x 4, & 3 x 6:** 1/16"	LOW (V1)

PERFORMANCE CHARACTERISTICS

	ASTM#	RESULT
Water Absorption	C373	< 20.0%
Breaking Strength	C648	120 - 230 lbs.
Scratch Hardness	MOHS	4.0 - 6.0
Chemical Resistance	C650	Resistant
Abrasion Resistance	C1027	N/A

For additional information on test results, visit us at: americanolean.com/information/TestResults.

APPLICATIONS

	TARGET DCOF WET	SUITABLE
Dry & Level – Interior Floor	N/A	
Wet & Level – Interior Floor	≥ 0.42	
Shower Floors (Residential or Light Commercial)	≥ 0.42	
Exterior Floor Applications (including patios, pool decking & other wet areas with minimal footwear)	≥ 0.60	
Ramps & Inclines	≥ 0.65	
Walls/Backsplashes	N/A	●
Countertops	N/A	●*
Pool Linings	N/A	●**

A DCOF value of ≥ 0.42 is the standard for tiles specified for level interior spaces expected to be walked upon when wet, as stated in ANSI A137.1-A326.3. For more information about DCOF and the DCOF AcuTest™, visit americanolean.com/DCOF.

APPLICATION NOTES:

Suitable for exterior applications (provided it is noted as suitable in the applications chart above) in non-freezing climates, when proper installation methods are followed.

* 6 x 6, 4 x 4, 3 x 6 Matte finish only. Darker colors may show scratches.

** 6 x6, 4 x 4, 3 x 6 only.

NOTES

Since there are variations in all fired ceramic and natural products, tile and trim supplied for your particular installation may not match samples. Final confirmation should be made from actual tiles and trim prior to installation. Manufactured in accordance with ANSI A137.1 standards.

For additional information refer to "Factors to Consider" at: americanolean.com/Factors.

FEATURES

POST-CONSUMER RECYCLED MATERIALS

PRE-CONSUMER RECYCLED MATERIALS

MADE IN THE U.S.A.

ZEROTOX Healthy Homes | Healthy Planet

All or select items within this series meet the requirements for these qualifications. For more information visit americanolean.com.

STAINPROOF | DENTPROOF | SCRATCH-RESISTANT† Applicable to products with Matte and Textured Finishes | FIRE-RESISTANT | SIMPLICLEAN™

VISIT AMERICANOLEAN.COM/WHYTILE FOR A COMPLETE LIST OF QUALIFICATIONS AND EXCLUSIONS.

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COLOR STORY™ WALL

COLOR STORY™ COLLECTION - GLAZED CERAMIC

AMERICAN OLEAN®

FINISHES: GLOSSY | MATTE

USAGE: FLOOR | WALL | COUNTERTOP | SHOWER FLOOR | EXTERIOR FLOOR

MATERIAL: C CERAMIC

PRICING: LOW — HIGH

SPECIAL FEATURES: STEPWISE™ | TRUEDGE™ | MADE IN THE U.S.A. | LARGE FORMAT | MOSAIC/ DECO | ENCAUSTIC | TERRAZZO | PAVER | CUSTOMIZE

NOT APPLICABLE FOR ALL PRODUCTS IN THIS SERIES. SEE CHARTS FOR FULL PRODUCT DETAILS.

WALL

TRIM

			Thickness	Pieces/ Carton
	TRIM			
	S1/212J / 1/2 x 12 Jolly ^ 4 pieces per card	1/2" x 11-15/16" (1.29 cm x 30.36 cm)	1/4" 7.23 mm	6 Cards
	A106 / 1 x 6 Quarter Round	1" x 6" (2.43 cm x 15.16 cm)	5/16" 7.90 mm	152
	AC106 / 1 x 6 Quarter Round Corner	1" x 6" (2.43 cm x 15.16 cm)	5/16" 7.90 mm	120
	SURFACE BULLNOSE			
	S44D9 / 4 x 16 Bullnose (on 16" side)	4" x 16" (10.17 cm x 40.68 cm)	3/8" 9.30 mm	24
	SN44D9 / 4 x 4 Bullnose Corner	4" x 4" (10.17 cm x 10.17 cm)	3/8" 9.30 mm	20
	S44C9MOD / 4 x 12 Bullnose (on 12" side)	4-1/4" x 12-7/8" (10.91 cm x 32.77 cm)	5/16" 7.90 mm	28
	SCRL4449 / 4 x 4 Bullnose Corner	4-1/4" x 4-1/4" (10.90 cm x 10.90 cm)	5/16" 7.90 mm	100
	S4289MOD / 2 x 8 Bullnose (on 8" side)	2-1/8" x 8-9/16" (5.45 cm x 21.82 cm)	5/16" 7.90 mm	80
	SN4289M / 2 x 2 Bullnose Corner	2-1/8" x 2-1/8" (5.45 cm x 5.45 cm)	5/16" 7.90 mm	25
	S4369MOD / 3 x 6 Bullnose (on 6" side)	3" x 6" (7.65 cm x 15.31 cm)	5/16" 7.90 mm	100
	SN4339 / 3 x 3 Bullnose Corner	3" x 3" (7.65 cm x 7.65 cm)	5/16" 7.90 mm	32
	S4269 / 2 x 6 Bullnose (on 6" side)	2" x 6" (5.15 cm x 15.31 cm)	5/16" 7.90 mm	100
	SN4269 / 2 x 2 Bullnose Corner	2" x 2" (5.15 cm x 5.15 cm)	5/16" 7.90 mm	25
	S4449 / 4 x 4 Bullnose	4-1/4" x 4-1/4" (10.90 cm x 10.90 cm)	5/16" 7.90 mm	100
	RADIUS BULLNOSE			
	A4200 / 2 x 6 Bullnose	2" x 6" (5.28 cm x 15.20 cm)	5/16" 7.90 mm	100
	AN4200 / 2 x 2 Bullnose Corner	2" x 2" (5.28 cm x 5.28 cm)	5/16" 7.90 mm	20
	FLAT TOP COVE BASE			
	A34C1MOD / 4 x 12 Cove Base	4-1/4" x 12-7/8" (10.91 cm x 32.77 cm)	5/16" 7.90 mm	40
	A3361MOD / 3 x 6 Cove Base	3" x 6" (7.65 cm x 15.31 cm)	5/16" 7.90 mm	36
	SCR3361M / 3 x 6 Cove Base Corner Right	3" x 6" (7.65 cm x 15.31 cm)	5/16" 7.90 mm	36
	SCL3361M / 3 x 6 Cove Base Corner Left	3" x 6" (7.65 cm x 15.31 cm)	5/16" 7.90 mm	36
	A3601 / 6 x 6 Cove Base	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	44
	SCR3601 / 6 x 6 Cove Base Corner Right	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	20
	SCL3601 / 6 x 6 Cove Base Corner Left	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	20
	A3401 / 4 x 4 Cove Base	4-1/4" x 4-1/4" (10.90 cm x 10.90 cm)	5/16" 7.90 mm	84
	SCR3401 / 4 x 4 Cove Base Corner Right	4-1/4" x 4-1/4" (10.90 cm x 10.90 cm)	5/16" 7.90 mm	30
	SCL3401 / 4 x 4 Cove Base Corner Left	4-1/4" x 4-1/4" (10.90 cm x 10.90 cm)	5/16" 7.90 mm	30

TRIM (CON'T)

			Thickness	Pieces/ Carton
	SANITARY COVE BASE			
	S3619T / 6 x 6 Cove Base	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	40
	SCR3619T / 6 x 6 Cove Base Corner Right	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	20
	SCL3619T / 6 x 6 Cove Base Corner Left	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	20
	S3419T / 4 x 6 Cove Base	4-1/4" x 6" (10.90 cm x 15.31 cm)	5/16" 7.90 mm	60
	SCR3419T / 4 x 6 Cove Base Corner Right	4-1/4" x 6" (10.90 cm x 15.29 cm)	5/16" 7.90 mm	20
	SCL3419T / 4 x 6 Cove Base Corner Left	4-1/4" x 6" (10.90 cm x 15.31 cm)	5/16" 7.90 mm	20
	SANITARY COVE BASE - Slim Foot Design			
	S3619TN / 6 x 6 Cove Base	6" x 6" (15.31 cm x 15.31 cm)	5/16" 7.90 mm	40
	SC3619TN / 1 x 6 Cove Base Corner	1" x 6" (2.43 cm x 15.16 cm)	5/16" 7.90 mm	60

All trim is available in Neutral and Neutral + colors only. ^ Jolly available in all colors.

TRIM USAGE

Wall Tile	8 x 24	4 x 16	4 x 12	2 x 8	3 x 6	6 x 6	4 x 4
Jolly	S1/212J	S1/212J	S1/212J	S1/212J	S1/212J	S1/212J	S1/212J
Quarter Round	A106	A106	A106	A106	A106	A106	A106
Quarter Round Corner	AC106	AC106	AC106	AC106	AC106	AC106	AC106
SURFACE BULLNOSE							
Bullnose		S44D9	S44C9MOD	S4289MOD	S4369MOD	S4269	S4449
Corner		SN44D9	SCRL4449	SN4289M	SN4339	SN4269	SCRL4449
Bullnose					S4269		S4269
Corner					SN4269		SN4269
RADIUS BULLNOSE							
Bullnose	A4200	A4200	A4200	A4200	A4200	A4200	A4200
Corner	AN4200	AN4200	AN4200	AN4200	AN4200	AN4200	AN4200
FLAT TOP COVE BASE							
Cove Base	A3601	A3601	A34C1MOD	A3401	A3361MOD	A3601	A3401
Cove Base Corner	SCR3601 & SCL3601	SCR3601 & SCL3601	SCR3401 & SCL3401	SCR3401 & SCL3401	SCR3361M & SCL3361M	SCR3601 & SCL3601	SCR3401 & SCL3401

Best Match

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COLOR STORY™ WALL

COLOR STORY™ COLLECTION - GLAZED CERAMIC

AMERICAN OLEAN®

FINISHES: GLOSSY | MATTE

USAGE: FLOOR, WALL, COUNTERTOP, SHOWER FLOOR, EXTERIOR FLOOR

MATERIAL: C CERAMIC

PRICING: $ LOW HIGH

SPECIAL FEATURES: STEPWISE™, TRUEDGE™, MADE IN THE U.S.A., LARGE FORMAT, MOSAIC/DECO, ENCAUSTIC, TERRAZZO, PAVER, CUSTOMIZE

NOT APPLICABLE FOR ALL PRODUCTS IN THIS SERIES. SEE CHARTS FOR FULL PRODUCT DETAILS.

WALL

COLOR STORY™

		MUNSELL	LRV
			Illuminate-OBS: F02-02 (CWF)
0006	SHADOW	1.3B 3.9/0.4	11.4
0010	SCARLET	5.1R 4.4/11.1	14.0
0014	BALANCE	1.0GY 7.5/0.2	51.1
0016	MATTE SHADOW	0.6B 3.9/0.4	11.1
0017	MATTE STORM GREY	9.8G 5.3/0.1	22.3
0019	PASSION	N/A	N/A
0023	BLUSH	2.4YR 6.8/3.1	41.0
0025	ICE WHITE	7.0Y 9.2/0.2	83.9
0029	BLAZE	0.5YR 5.5/8.7	25.9
0031	FRESH	4.1BG 5.7/3.1	25.1
0034	MATTE BALANCE	1.3GY 7.5/0.3	51.1
0035	CALM	5.2Y 8.8/0.9	75.9
0036	MATTE CALM	5.2Y 8.8/0.9	75.9
0040	STORM GREY	1.9B 5.3/0.1	22.6
0049	BLACK	10.0B 2.6/0.1	5.0
0052	MATTE STABLE	2.1Y 7.8/0.7	55.9
0053	DEPENDABLE	0.6Y 6.3/0.5	34.2
0055	STABLE	2.0Y 7.8/0.8	56.1
0056	MATTE DEPENDABLE	0.4Y 6.3/0.5	33.5
0058	RESTORE	3.7BG 7.4/1.3	48.3
0059	TRANQUILITY	9.8BG 4.7/1.0	17.2
0061	MATTE DESIGNER WHITE	4.9Y 9.2/0.2	83.4
0064	MATTE BLACK	3.3PB 2.8/0.1	5.8
0068	GRACE	7.0P 4.6/2.2	16.6
0070	SAPPHIRE SKY	7.6PB 3.2/4.4	7.0
0075	LEMON ZEST	2.8Y 7.9/9.3	61.8
0076	GREEN APPLE	5.8YR 6.6/8.3	41.2
0077	MANDARIN	5.8YR 6.6/8.3	41.2
0082	WISDOM	5.8G 3.2/1.5	7.3
0084	PEACOCK BLUE	1.9B 5.0/4.5	18.0
0086	DEVOTION	2.8P 3.2/2.1	7.5
0117	NAVY	5.0PB 2.9/1.2	5.9

DESIGNER WHITE, BLACK, ICE WHITE, RESTORE, AND BLUSH.

888.AOT.TILE

AMERICAN OLEAN® PROVEN IN TILE™

AMERICANOLEAN.COM

©2021 AMERICAN OLEAN (05/21)

Ovalyn™
Undercounter Sink
VITREOUS CHINA

BARRIER FREE

Ovalyn™ Undercounter Sink

❑ **0496221 Unglazed rim**

❑ **0496300 Glazed underside (made to order)**

- Classic oval undermount sink
- Unglazed rim
- Made from vitreous china
- Front overflow
- Supplied with mounting kit (047194-0070A) and template

Nominal Dimensions
19-1/4" x 16" (489 x 406mm)

Bowl size:
17" (432mm) wide
14" (356mm) front to back
5-1/2" (140mm) deep

❑ **0497221 Unglazed rim**

❑ **0497300 Glazed underside**

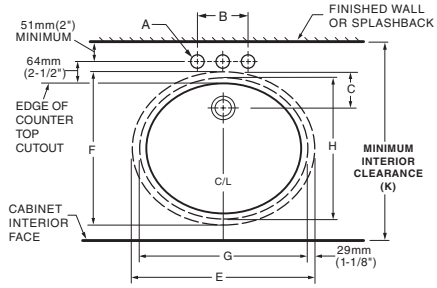
Nominal Dimensions
21-1/2" x 17-3/8" (546 x 441mm)

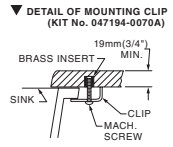
Bowl size:
19" (483mm) wide
15-3/8" (391mm) front to back
5-1/2" (140mm) deep

Compliance Certifications -
Meets or Exceeds the Following Specifications:
- ASME A112.19.2M for Vitreous China Fixtures
- CAN/CSA B45 series

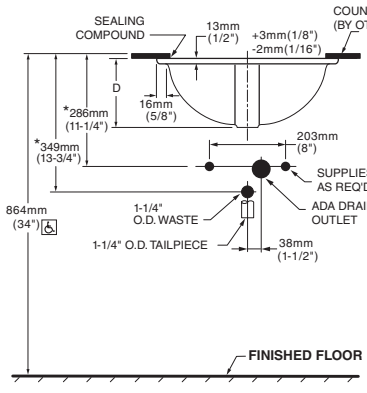
To Be Specified:
❑ Color: ❑ White ❑ Bone ❑ Linen
❑ Faucet*:
❑ Faucet Finish:
❑ Supplies:
❑ 1-1/4" Trap:

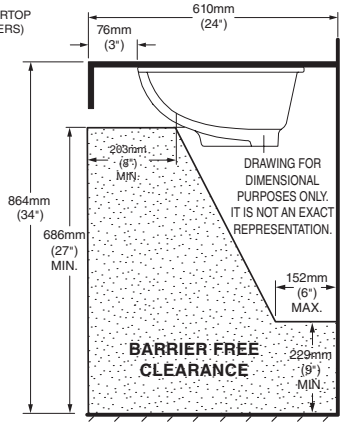
* See faucet section for additional models available





REFER TO INSTRUCTIONS PROVIDED WITH KIT FOR ADDITIONAL INFORMATION





FITTING	A	B
CENTERSET	1-1/4" (32mm)	4" (102mm)
SPREAD	1-3/8" (35mm)	8" (203mm)

NOTES:
* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIED AND "P" TRAP ARE SUGGESTED.
▼ UNDERCOUNTER MOUNTING KIT SUPPLIED WITH SINK.
PLEASE NOTE MINIMUM INTERIOR CLEARANCE DIMENSION (K).
FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.
USE ENCLOSED TEMPLATE FOR COUNTERTOP CUTOUT
SEALING COMPOUND SUPPLIED BY OTHERS.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.
Countertop 864mm (34") from finished floor. Lavatory installed 76mm (3") from front edge of countertop. Countertop thickness to be 25mm (1") maximum.

CAT. NO.	E	F	G	H	C	D	J	K
0496.221/ 0496.300	489mm (19-1/4)	406mm (16)	432mm (17)	356mm (14)	103mm (4-1/16)	182mm (7-3/16)	16mm (5/8)	500mm (19-11/16)
0497.221/ 0497.300	546mm (21-1/2)	441mm (17-3/8)	483mm (19)	391mm (15-3/8)	95mm (3-3/4)	191mm (7-1/2)	19mm (3/4)	534mm (21-1/16)

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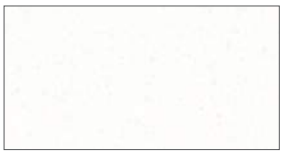
CORIAN® SOLID SURFACE
NORTH AMERICAN COLOR PORTFOLIO

CORIAN®
SOLID SURFACE

CORIAN® SOLID SURFACE COLOR PORTFOLIO

DESIGNER WHITE


SPARKLING WHITE

MODERN WHITE

CIRRUS WHITE

WHITE JASMINE

GLACIER WHITE

SPARKLING GRANITA

EVEREST

RICE PAPER

ABALONE

WHITE ONYX

SILVER LINEAR

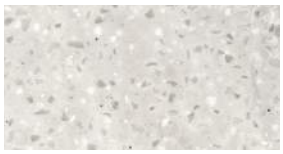
STONIQUE

RAIN CLOUD

GRAY ONYX

LINEN

SEPIA LINEAR


ARROWROOT

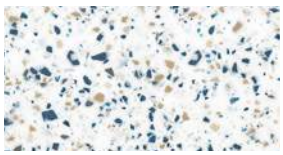
SILVER BIRCH

DOMINO TERRAZZO

CARRARA CREMA

CARRARA LINO

EXCAVAGE

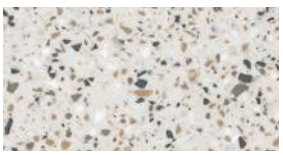

LAGUNA TERRAZZO

PEBBLE LANE

WHISPER

CANVAS

NEUTRAL AGGREGATE


PEPPERED TERRAZZO

DOVE

ASH AGGREGATE

WEATHERED AGGREGATE

CARBON AGGREGATE

PLATINUM

HOT

VERDANT

LAGUNA

ARCTIC ICE

VENARO WHITE

ANTARCTICA

CAMEO WHITE

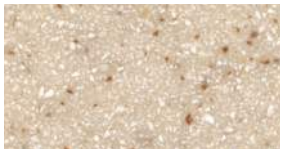
GLACIER ICE

BISQUE

VANILLA

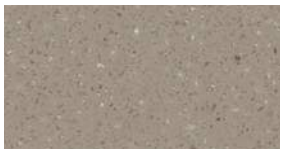
CLAM SHELL

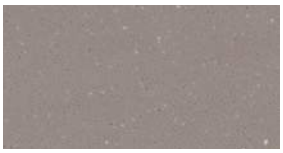
SAVANNAH

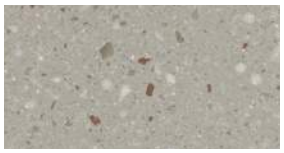

AURORA

ELEGANT GRAY

NEUTRAL CONCRETE


CONCRETE


ASH CONCRETE

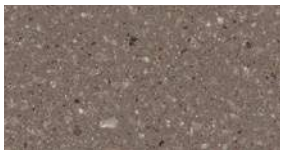

WILLOW

PEARL GRAY

SILVER GRAY

NATURAL GRAY

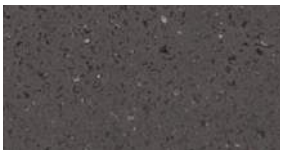
WEATHERED CONCRETE


DOESKIN

DEEP SABLE

DEEP CLOUD

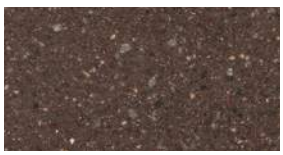
SILVERITE


CARBON CONCRETE

DEEP MINK

HAZELNUT

SERENE SAGE


CANYON

SILT

LAVA ROCK

MATTERHORN

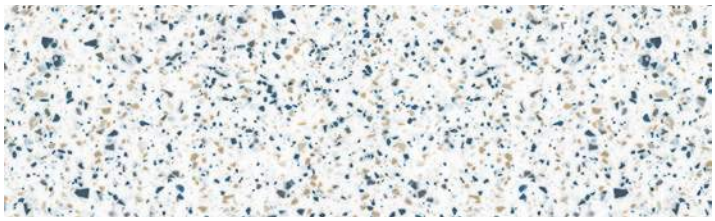
ROSEMARY

Vanity in Corian® Solid Surface Artista Mist

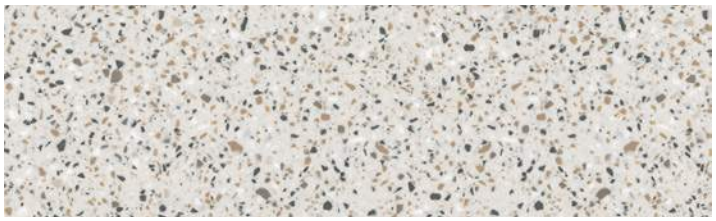
2023-2024 NEW COLORS

PROVENCE NUWOOD

BLEACHED NUWOOD



LAGUNA TERRAZZO



PEPPERED TERRAZZO

PEBBLE LANE

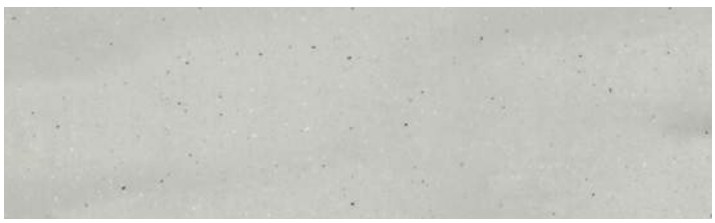
ARCHEOLOGIC

STONIQUE

EXCAVAGE

STONECREST SMOKE

CALACATTA GREIGE



ARTISTA SAGE

ARTISTA MIST

These colors have been certified by SCS Global Services to have one of three minimum levels of pre-consumer recycled material: 6%, 10%, or 14%.

SANDSTORM

LIMESTONE PRIMA

WHIPPED CREAM

DUNE PRIMA

NIMBUS PRIMA

BONE

WITCH HAZEL

SAHARA

SMOKE DRIFT PRIMA

SAGEBRUSH

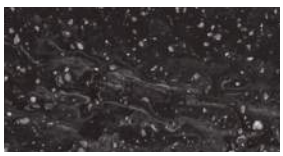
SANDALWOOD

WINDSWEPT PRIMA

SANDSTONE

JUNIPER

EVENING PRIMA


COSMOS PRIMA

DEEP TITANIUM

DEEP NOCTURNE

DEEP STORM

DEEP NIGHT SKY

DEEP BLACK QUARTZ

DEEP ESPRESSO

SORREL

DEEP ANTHRACITE

ARTISTA CANVAS

ARTISTA BEIGE

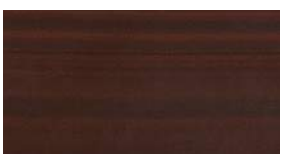
ARTISTA GRAY

ARTISTA DUST

ARTISTA SAGE

ARTISTA MIST

BLEACHED NUWOOD


PROVENCE NUWOOD

Printed representation of colors may vary from actual samples. Please view actual sample before purchasing.
Visit our online color tool for full sheet and application images. To learn more, visit corian.com, call 800-426-7426, or ask your sales contact.

Countertops in Corian® Solid Surface Peppered Terrazzo
Front of counters in Corian® Solid Surface Provence Nuwood

FEATURES & BENEFITS

AESTHETICALLY STRIKING: A broad, on-trend color portfolio full of innovative styles, including stone-like looks and patterns, offers a unique feeling of smooth and sensual touch that looks warm and beautiful.

DESIGN FREEDOM: Easily cut, drilled, backlit, dye-sub printed, and thermoformable for molding organic or linear shapes to provide endless adaptability for infinite design possibilities.

HYGIENIC & EASY TO CLEAN: A smooth, nonporous finish prevents liquids from penetrating the surface, making it easy to clean with soap and water while leaving no place for bacteria and mold to take root.

REPAIRABLE & RENEWABLE: Designed to withstand daily wear and tear to maintain a stunning appearance for many years. Scratches, chips, and damage can also be repaired to make every surface look like new.

SUSTAINABLE: A low-VOC material that is free of dangerous chemicals and supports better indoor air quality. A selection of colors also contains recycled content, and our manufacturing facilities are zero waste to landfill.

TO LEARN MORE, VISIT CORIAN.COM

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YouTube.com/coriandesign

CORIAN®
DESIGN

Make Your Space™

SCAN ME

TO EXPERIENCE OUR SURFACES IN YOUR SPACE, DOWNLOAD THE CORIAN® DESIGN VISUALIZER ON THE APP STORE AND GOOGLE PLAY.

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K30149

Optima® EAF-350 & EAF-350-ISM

Maximize efficiency with minimal investment

Don’t settle for a manual faucet when hands-free is an option. The above deck electronics and battery operation of the EAF-350 provide a simple solution for any commercial bathroom. And even if your restroom is more functional than fancy, nothing beats the hygienic benefits of hands-free washing.

✓ HYGENIC

Stop the spread of germs with sensor activated, touch-free hand washing.

✓ SENSIBLE

Enjoy Euro-style look and feel without the designer price tag.

✓ SIMPLE

The elegant one-piece design efficiently delivers (and saves) water.

✓ SERVICEABLE

Above deck electronics make installation and maintenance a dream.

Optima® EAF-350 & EAF-350-ISM

The Power of Innovation

EAF-350-ISM (Integrated Side Mixer) Shown

FLEXIBLE WATER CONTROL

- Pre-mixed and tempered for single water line (EAF-350)
- Optional Integrated Side Mixer (EAF-350-ISM) for hot and cold water lines
- IR Click technology comes standard to provide user modes (ex. temporary off and continuous run)

CROWD PROOF

- Durable, chrome-plated die cast metal construction
- Double infrared sensors and microprocessors

SIMPLE POWER SOURCE

- 6V Lithium CR-P2 battery
- Approximately 3 years battery life

EFFORTLESS INSTALLATION AND MAINTENANCE

- Above deck sensors, microprocessor and battery
- Flexible mounting hardware options

Contact your Sloan representative to learn more about Optima® EAF faucets.

Sloan® ESD-360 Top-fill Soap Dispenser with EAF-350 Optima Faucet on Designer Series® DSCT-82000 Counter Top Sink with SS-3021 Undermount Lavatory.

Sloan Top-fill Soap Dispenser

The top-fill soap dispenser solution that delivers hassle-free maintenance

Sloan's new top-fill soap dispenser eliminates the hassle and risks of going under the sink deck to refill soap reservoirs. PURELL® REDIFOAM™ Healthy Soap and refill bottle make the refill process easy, filling reservoirs to max capacity without overflow or soap waste.

Features and Benefits

- Touch-free sensor operation
- Only closed top-fill soap dispenser on the market
- Soap meets UL EcoLogo Hand Cleaner Standard UL 2784
- Patented, level-sensing design with on-spout refill indicator lights eliminate the need to manually reset
- Power options including AC adapters, hardwired, or batteries

Project Types

- ✓ Stadiums and Arenas
- ✓ Schools and Universities
- ✓ Convention Centers
- ✓ Airports and Transportation Centers
- ✓ Office Buildings and Retail Centers

ESD-360 Top-fill Soap Dispenser with an inserted PURELL® REDIFOAM™ Soap Cartridge.

Indispensable Foam Soap Dispensing System

Our new Top-fill ESD-360 Soap Dispenser offers an easily refillable system that is the only closed, top-fill soap dispenser on the market.

- Top-fill design reduces labor time and helps reduce safety concerns
- Patented refill bottle locks into place, allowing for hands-free refills without the risk of overflow and ensures the entire contents of the refill bottle can be used so no soap is wasted
- All-metal components built to handle the higher traffic commercial settings
- Choose the right power option for your location, including AC adapters, hardwired, or batteries

Advanced Soap Cleansing

Utilizes PURELL® REDIFOAM™ in parternship with Sloan

- Foam is created at the point of dispensing, so the system doesn't lose its prime, providing the perfect foam every time even during diminished occupancy
- Easy fill soap dispenser works in tandem with the 2000mL refill for PURELL® REDIFOAM™ Healthy Soap formula that eliminates the risk of the dispenser clogging
- Never run out of, or waste soap, with the ability to quickly top off the soap dispenser
- The soap is free of harsh preservatives, antibacterials, parabens, phthalates, fragrances, dyes and the refill bottle is fully recyclable
- Refills can be purchased through Sloan (ESD-347) or GOJO (8672-04) distribution

Top-fill soap dispenser comes with a 2000mL reservoir.

STANLEY
Access Technologies

www.stanleyaccess.com

Dependable & adaptable

M-FORCE™
AUTOMATIC SWING DOOR OPENER

The Next Generation Magic-Force™ redesigned for a versatile solution that's built to last.

With product enhancements driven by customer input, the M-Force is built to improve every customer's door opening experience, in any environment. On-site tuning by our AAADM certified technicians, the M-Force can be customized to compensate for wind or stack pressure so doors operate smoothly and safely. The M-Force can be programmed to function as Full-Energy motion activated, or as Low-Energy action activated solution.

Equipped with the iQ Controller, your doors can intelligently respond to both manual and automatic opening and allows the M-Force to easily integrate with third-party hardware and systems such as access control and fire alarms.

Features and Benefits

- Power Assist technology for Low Energy doors allows heavy panels to be manually opened with minimal effort
- **Door panel weight up to 700 lbs** for applications such as tall retail doors, grocery freezer doors, and hospital lead lined X-Ray doors
- Quiet motor and gears run as softly as a refrigerator (50 decibels) so it won't disrupt your environment.
- Compliance with all U.S. and Canadian accessability laws
- Fire alarm interface with support for smoke evacuation systems
- On-board lock sequencing with 1 amp auxiliary power

Compare the M-Force spring with competitor products and see why it's the operator of choice, trusted for its long-lasting durability, dependable performance, and reduced maintenance costs over time.

M-FORCE™
AUTOMATIC SWING DOOR OPENER

www.**stanleyaccess**.com

LOW ENERGY FEATURES

- Complies with ANSI/BHMA 156.19 when paired with a knowing-act device
- Power Assist with Slam Protection eliminates motor resistance
- Power Close to compensate for wind and stack pressure
- Magic-Touch™ triggers fully automatic open and close by a manual push
- Presence sensors available

FULL ENERGY FEATURES

- Complies with ANSI/BHMA 156.10 when paired with required guide rails, safety sensors, finger guards
- Coordinated Closing for dual panel applications to ensure a proper close and lock or latch
- Power Close to compensate for wind and stack pressure
- Door-mounted activation and presence sensors
- Customized sensor programming

WAVE TO OPEN

PUSH TO OPEN

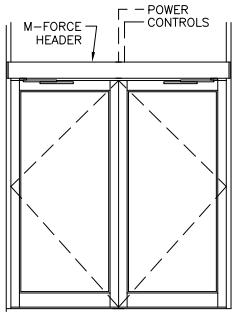
SPECIFICATIONS

Description	Configuration
Header Size	6.0" (152mm) High x 5.5" (140mm) Deep
Swing Door Panels	Up to 48" (1220mm)
Door Panel Weight	700lbs (318kg)
Drive System	3/16HP DC Motor, Gear Drive
Controller	High Resolution iQ Controller, Microprocessor Based, Safety Logic, Fire Alarm Interface, On Board Lock Delay and Power (1 A), Power Close, Force Compensation, Slam Protection.
Safety Options	Safety Sensor Systems (Full Energy and Low Energy), Rails (Full Energy)
Activation Sensor Options	Motion Sensors, Mats (Full Energy), Wall Plates, Wireless Systems, Magic-Touch (Push to Operate), Power Assist
Breakout	Automatic Reset (center hung)
Power Required	120 VAC, 5 amps min., 50/60 HZ
Codes & Standards	UL, cUL, ANSI/BHMA A156.10, ANSI/BHMA A156.19, IBC, NFPA 101, CSFM

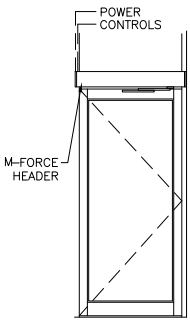
** All Specifications are subject to change. Please contact your local sales representative to ensure accuracy.*

ARCHITECTURAL DRAWINGS

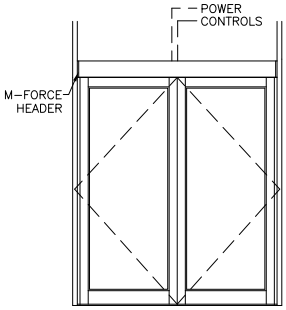
PAIR VISIBLE



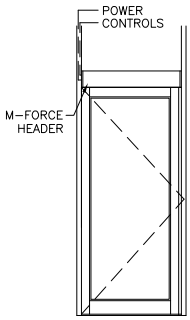
SINGLE VISIBLE



PAIR CONCEALED



SINGLE CONCEALED



SINGLE DOOR

DOUBLE DOOR

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WDGE2 LED

Architectural Wall Sconce
Visual Comfort Optic

Catalog Number

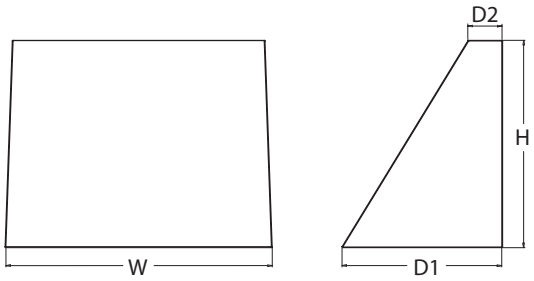
Notes DECK LIGHTING

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1):	7"
Depth (D2):	1.5"
Height:	9"
Width:	11.5"
Weight: (without options)	13.5 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

design select — Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	6,000	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P1[1] P1SW P2[1] P2SW P3[1] P3SW P4[1] P5[1] Door with small window (SW) is required to accommodate sensors. See page 2 for more details.	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K[2] 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347[3] 480[3]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[4] **Shipped separately** AWS 3/8inch Architectural wall spacer[5] PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.[5]

Options

E4WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)
E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)
PE	Photocell, Button Type[6]
DS	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)[7]
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)[8]
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.
DSLE	Dual Switching (1 Driver, 2 Light Engines)
CCE	Coastal Construction[5]

Standalone Sensors/Controls (only available with P1SW, P2SW & P3SW)

PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.
PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching
PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.
PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.

Networked Sensors/Controls (only available with P1SW, P2SW & P3SW)

NLTAIR2 PIR	Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights.
NLTAIR2 PIRH	Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.
NLTAIREM2 PIR	Embedded wireless controls by nLight with UL924 listed emegency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights[9]
NLTAIREM2 PIRH	Embedded wireless controls by nLight with UL924 listed emegency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights[9]

See page 4 for out of box functionality

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DSSXD	Sandstone
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white
DSSTXD	Textured sandstone

physical samples to be sent to milan - prefer smooth finish initially

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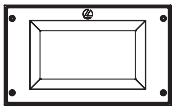
Accessories

Ordered and shipped separately.

WDGEAWS DDBXD	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

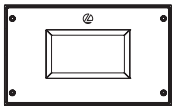
NOTES

1 P1-P5 not available with sensors/controls. Sensors/controls only available with P1SW, P2SW and P3SW.
2 50K not available in 90CRI.
3 347V and 480V not available with E4WH, E10WH, E20WC, DS or DSLE.
4 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
5 For PBBW and AWS with CCE option,require an RFA.
6 PE not available in 480V or with sensors/controls.
7 DS option not available with E4WH, E10WH, E20WC or sensors/controls.
8 DMG option not available with sensors/controls.
9 Available with MVOLT only and only rated to 25C ambient.



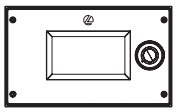
Default configuration with no sensors/controls.

Power Packages: P1, P2, P3, P4, P5



Small Window (SW) configuration

Power Packages: P1SW, P2SW, P3SW



Configuration with sensors/controls

Power Packages: P1SW, P2SW, P3SW

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1 / P1SW	10W	VF	1,166	119	0	0	0	1,209	123	0	0	0	1,251	128	0	0	0	1,256	128	0	0	0	1,254	128	0	0	0
		VW	1,197	122	0	0	0	1,241	126	0	0	0	1,284	131	0	0	0	1,289	131	0	0	0	1,286	131	0	0	0
P2 / P2SW	15W	VF	1,878	129	1	0	0	1,947	134	1	0	0	2,015	139	1	0	0	2,023	139	1	0	0	2,019	139	1	0	0
		VW	1,927	133	1	0	0	1,997	137	1	0	0	2,067	142	1	0	0	2,075	143	1	0	0	2,071	143	1	0	0
P3 / P3SW	23W	VF	2,908	129	1	0	0	3,015	134	1	0	0	3,119	138	1	0	0	3,132	139	1	0	0	3,126	139	1	0	0
		VW	2,983	132	1	0	0	3,093	137	1	0	0	3,200	142	1	0	0	3,213	143	1	0	0	3,206	142	1	0	0
P4	35W	VF	4,096	117	1	0	1	4,247	121	1	0	1	4,394	126	1	0	1	4,412	126	1	0	1	4,403	126	1	0	1
		VW	4,202	120	1	0	0	4,357	125	1	0	1	4,508	129	1	0	1	4,526	129	1	0	1	4,517	129	1	0	1
P5	48W	VF	5,567	115	1	0	1	5,772	119	1	0	1	5,972	123	1	0	1	5,996	124	1	0	1	5,984	124	1	0	1
		VW	5,711	118	1	0	1	5,921	122	1	0	1	6,127	126	1	0	1	6,151	127	1	0	1	6,139	127	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1 / P1SW	10W	0.082	0.049	0.043	0.038	--	--
	13W	--	--	--	--	0.046	0.033
P2 / P2SW	15W	0.132	0.081	0.072	0.064	--	--
	18W	--	--	--	--	0.056	0.041
P3 / P3SW	23W	0.195	0.114	0.100	0.088	--	--
	26W	--	--	--	--	0.079	0.058
P4	35W	0.302	0.175	0.152	0.134	--	--
	38W	--	--	--	--	0.115	0.086
P5	48W	0.434	0.241	0.211	0.184	--	--
	52W	--	--	--	--	0.157	0.119

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647
E10WH	VF	1,658
	VW	1,701
E20WC	VF	2,840
	VW	2,913

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

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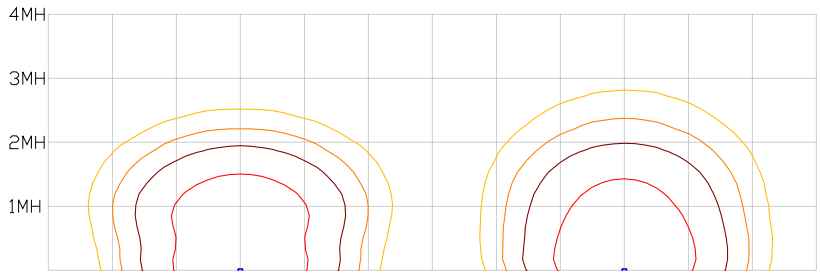
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

MH = 10ft
Grid = 10ft x 10ft



WDGE2 LED P3 40K 80CRI VW

WDGE2 LED P3 40K 80CRI VF

Emergency Egress Options

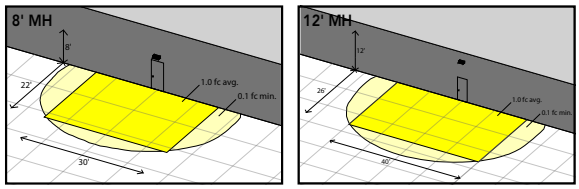
Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

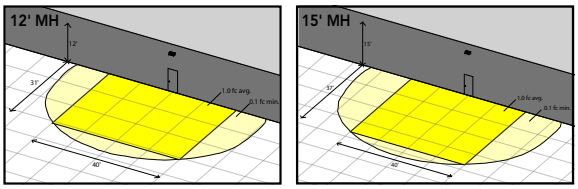
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E10WH or E20WC and VF distribution.

Grid = 10ft x 10ft



WDGE2 LED xx 40K 80CRI VF MVOLT E10WH

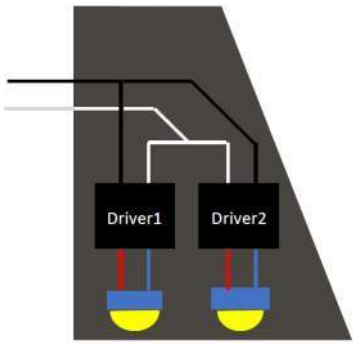


WDGE2 LED xx 40K 80CRI VF MVOLT E20WC

Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark.

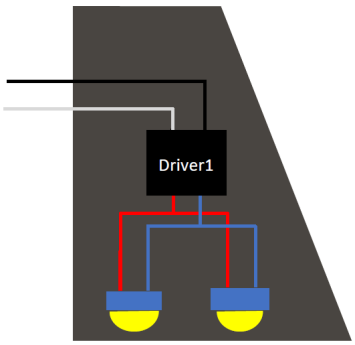
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



Dual Switching Light Engine (DSLE) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with one driver and two light engines. These work completely independent to each other so that a failure of either light engine does not cause the whole luminaire to go dark.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



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Control / Sensor Options

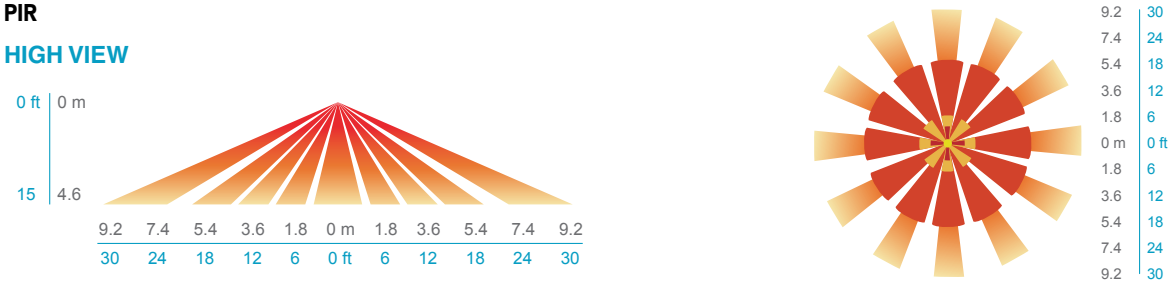
Motion/Ambient Sensor (PIR_, PIRH_)

Motion/Ambeint sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

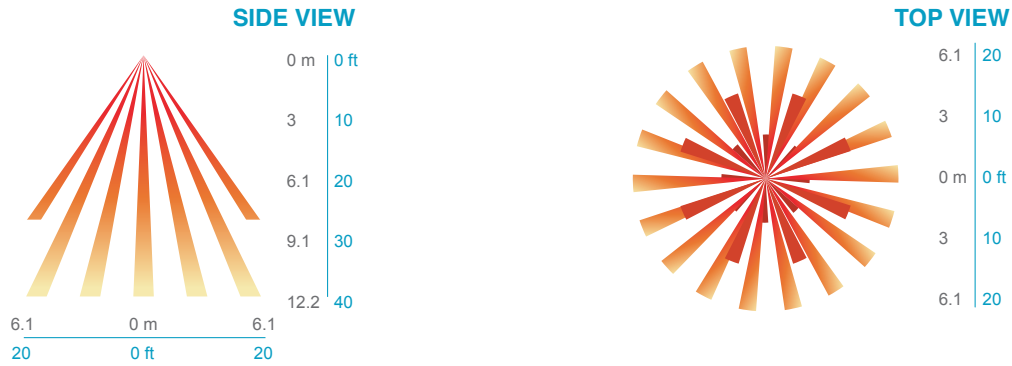
Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

PIR



PIRH



Option	Dim Level	High Level (when triggered	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

UL 924 Response – nLight AIR Devices with EM Option

- NLTAIREM2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.

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Mounting, Options & Accessories

NLTAIR2 PIR – nLight AIR Motion/Ambient Sensor

D = 7"

H = 11"

W = 11.5"

PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75"

H = 9"

W = 11.5"

AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

GOVERNMENT PROCUREMENT
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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LXTW-LED

Construction:
- Steel housing and chassis
- Diffuser is .060" thick white textured polycarbonate

Light Source:
- LED
- Dimming to 10% **Included**

Notes:
- Keyhole slots for standard J-box
- Custom cage styles available
- Open top and bottom for up and down light
- Optional Battery Backup
- ADA compliant
- UL and CUL listed **DAMP** location
- LED Components
  - Replaceable Module
  - CRI > 80
  - Universal 120/277 volt standard
  - 5-Year Warranty on LED Components

Type:	MULTI-PURPOSE ROOM SCONCE
Job Name:	

LXTW-11-LED
Height - 11"
Width - 10"
Depth - 4"

LXTW-16-LED
Height - 15 ½"
Width - 13 ⅞"
Depth - 4"

ORDERING INFORMATION

Example: LXTW-16-LED-1FH-4-B1-WTP

LXTW								

Size	LED	Watts	Source Lumens	Dimming	Energy Star
11-LED	F1H	9	1400	0-10v	YES
	F1O	10	863	TRIAC/ELV	YES
	F1P	15	1361	TRIAC/ELV	YES
	O2A	12	1600	0-10v	NO
	F1J	20	2820	0-10v	YES
16-LED	F1H	9	1400	0-10v	YES
	F1P	15	1361	TRIAC/ELV	YES
	O2A	12	1600	0-10v	NO
	O2C	18	2420	0-10v	NO

Kelvin
2 3000K
4 4000K

Optional
3 3500K

Cage

Finish
B1 Satin Black
M13 Anod Silver
T4 Shimmer Gray
T6 Pewter
W2 Gloss White
W1 Yolk White
Z1 Satin Bronze
Z3 Text Bronze

Optional Finishes
(see Price List)
M17 Brass Powder
P2 Brushed Alum
P9 Brushed Nickel
M16 Antique Brass

Diffuser
WTP White Textured Polycarbonate

Optional Lens Material
(see Price List)
AHA Amber Honey Alabaster
BAA Beige Alabaster
OAA Opal Alabaster

Options
DIM LED dimming driver (0 - 10v)
DIMLD Line Voltage /TRIAC/ELV/120v
See Resource Page

ES Energy Star listed components
90CRI Consult Factory

Optional Voltage
-347V Input voltage to 347v

OCCHFB Concealed Occupancy Sensor
*(**O2A** Configuration Only)*
See Sensor Resource Sheet

Battery Backup Options
(Available with 0-10v only)
BB10 10 Watts (1170lm) for 90-Minutes

28435 Industry Drive., Valencia, California 91355
West Coast Sales: 800-325-4448 /661-257-0286• fax 800-323-2346 /661-257-0201
East Coast Sales: 866-350-0991 • fax 866-490-5754
www.lightwayind.com • sales@lightwayind.com

Revision: 05/19/2021

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

DIGITAL NAVIGATION

Ordering Tree nLight Platform Photometrics Performance Data

2X4 CEILING - MULTIPURPOSE ROOM

CPX LED PANEL

Fully Switchable Configurable

1' x 4', 2' x 2' and 2' x 4'

FEATURES & SPECIFICATIONS

INTENDED USE — The CPX Series LED is an extension of the Lithonia CPX platform and has a back-lit panel that features an external driver. This cost-effective, reliable flat panel is visually comfortable and can be recessed mounted. Suitable for many applications such as schools, offices, retail, convenience stores, hospitals, healthcare facilities and other commercial spaces. Certain airborne contaminants can diminish the integrity of acrylic. **Click here for Acrylic Environmental Compatibility table for suitable uses. U.S. Patent No. 10,681,784.** This product is designed for application in Iso5-9 cleanrooms, ensuring that it does not introduce any contaminants into the environment. Additionally, it effectively seals the room from the plenum, thereby preventing any airflow between the two areas.

CONSTRUCTION — A metal frame with satin white lens provides excellent shielding and uniform luminance. With the IP65 option, the full gasketing encloses the fixture and is positioned between the bottom acrylic or polycarbonate lens and the T-grid, creating a barrier to prevent water from seeping into the fixture. CPX's low-profile design provides increased installation flexibility especially in restricted plenum spaces.

ELECTRICAL — Direct-lit Panel with Long-Life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 70% LED lumen maintenance at 60,000 hours (L80>60,000). 0-10V dimming driver and contains non-isolated dimming leads.

Integrated Sensor (nLight® Wired Networking) — This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

Integrated Smart Sensor (nLight Air Wireless Platform) — The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY+, which allows for simple sensor adjustment.

LISTINGS — CSA certified to meet US and Canadian standards. Meets IP65 Rating from the room side only. Wet location listed. IP5X Rated. Some versions are IP65 rated, see Diffuser options section for details. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. IC rated. IK10 Rated with Polycarbonate lens. Tested in accordance with ISO 14644-14; suitable for ISO Class 5 -9 positive and negative pressure clean rooms. Rated for NSF/ANSI Standard 2 Light Fixture for Splash Zone and Non-Food Zone.

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

Switchable Lumens

† Tested in accordance with ISO 14644-1; suitable in ISO Class 5-9 positive and negative pressure clean rooms.

Embed nLight controls today. Prepare for tomorrow.

Now	Tomorrow
User-friendly install	Scalability
Enhanced energy savings	Space configuration
Code compliance	Future-ready

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

Configurable CPX Switchable LED Flat Panel

A+ Capable options indicated by this color background.

Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

ORDERING INFORMATION

Example: CPX 2X2 ALO7 80CRI SWW7 SWL MVOLT NLTAIR2 APIR

Series	Fixture Dimension	Lumen Output	CRI	Color Temperature	Diffuser	Voltage
CPX LED Panel	**1X4** 1' X 4'	**ALO7** Switchable Lumens - 2500LM, 3200LM, and 4000LM	**80CRI** 80 CRI	**SWW7** Switchable white, 35K/ 40K/50K	**SWL** Satin White **A12** Prismatic A12 Pattern **ASWM** Acrylic Satin White Lens, Matte, IP Rated ‡ **PCSWM** Polycarbonate Satin White Lens, Matte, IP Rated ‡ **A12M** Acrylic Lens, 12 Pattern, Matte, IP Rated ‡ **PC12M** Polycarbonate Lens, 12 Pattern, Matte, IP Rated ‡	**MVOLT** 120-277V **120** 120V **277** 277V **347** 347 ‡
	2X2 2' X 2'	**ALO7** Switchable Lumens - 2500LM, 3200LM, and 4000LM				
	2X4 2' X 4'	**ALO8** Switchable lumens – 4000LM, 5000LM, and 6000LM				

Emergency Option	Control Input	Sensor	IP Rating ‡	Options
(blank) No Emergency Option **E10W** Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS, CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) **E10WRSTAR** Emergency battery pack, Enabled with STAR ‡ **E7W** Emergency Battery Pack, 7W, CA Title 20 Noncompliant **GTD** Generator Transfer Device ‡	**(blank)** No controls		**(blank)** **IP65** IP65 Rated ‡	**GLR** Fast-blowing fuse ‡ **GMF** Slow-blowing fuse ‡ **PWS1836** 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit ‡ **PWS1846** 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit ‡ **PWS1856LV** 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/ low voltage ‡ **PWS1846 PWSLV** Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡ **DWAM** Anti-Microbial paint **NPLT** Narrow Pallet **BAA** Buy America(n) Act Compliant
	SSE Sensor Switch Embedded	**APIR** Occ sensing with passive infrared - on/off functionality and auto dimming photocell **APDT** Occ sensor dual tech (passive infrared & microphonics) and auto dimming photocell		
	NLIGHT nLight enabled **NLIGHTER** nLight enabled, for use with generator supply EM power **NLIGHTLM** nLight enabled with lumen management **NLIGHTERLM** nLight enabled with lumen management, for use with generator supply EM power	**(blank)** No sensor, Control Input function only **PIR** Occ sensing with passive infrared - on/off functionality **PDT** Occ sensor dual tech (passive infrared & microphonics) **APIR** Occ sensing with passive infrared - on/off functionality and auto dimming photocell **APDT** Occ sensor dual tech (passive infrared & microphonics)		
	NLTAIR2 nLight AIR Generation 2 (wireless) enabled ‡ **NLTAIREM2** nLight AIR Generation 2 (wireless) enabled and UL924 Emergency Operation, via power interrupt detection ‡	**(blank)** No sensor, Control Input function only **APIR** Occ sensing with passive infrared - on/off functionality and auto dimming photocell **APDT** Occ sensor dual tech (passive and microphonics) and auto dimming photocell **APIREM** Occ sensing with passive infrared - on/off functionality and auto dimming photocell and UL924 Emergency operation, via power interrupt detection **APDTEM** Occ sensing dual tech- (passive infrared & microphonics) and auto dimming photocell and UL924 Emergency operation, via power interrupt detection		

NOTE: ‡ indicates option chosen has ordering restriction or note. Please reference restrictions/notes chart on next page. Restriction notes are ordered in the sequence they appear in the ordering tree.

OPTION VALUE RESTRICTIONS/ NOTES

‡ Option Value Ordering Notes/ Restrictions	
Option value	**Restriction**
Diffuser	ASWM, PCSWM, A12M and PC12M only available when an IP rating is selected.
347	347 not available with E10W, E7W, GTD, GLR or GMF.
E10WRSTAR	Not compatible with 347V.
GTD	Not available with 347 or in 1X4 size.
GLR, GMF	Must specify voltage, only available with 120 or 277.
IP Rating	Not available with any sensor option.
IP65	Not available with BAA.
NLTAIR2	See UL924 Sequence of Operation Chart on Page 4. Can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIREM2	See UL924 Sequence of Operation Chart on Page 4. Leave Sensor option section blank, not available with APIR, APDT, APIREM, or APDTEM.
PWS1836	E10W, E7W, or GTD..
PWS1846	Only available with E10W or E7W.
PWS1856LV	Not available with E10W, E7W or Controls.
PWS1846 PWSLV	Not available with Controls.

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ACCESSORIES

Accessories: *Order as separate catalog number.*

ILBLP CP10 HE SD A	IOTA 10 Watt Constant Power, High Efficiency LED Emergency Driver for CA Title 20 ‡
ELA PSDMT	Remote mount tray for ILBLP battery.
DGA14	Drywall grid adapter for 1x4 recessed fixture.[2]
DGA22	Drywall grid adapter for 2x2 recessed fixture.[2]
DGA24	Drywall grid adapter for 2x4 recessed fixture.[2]
1X4SMKSH	Multi-Use Surface Mount Kit 1x4, Shallow Depth[2]
2X2SMKSH	Multi-Use Surface Mount Kit 2x2, Shallow Depth[2]
2X4SMKSH	Multi-Use Surface Mount Kit 2x4, Shallow Depth[2]
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint[2]
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint[2]
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint[2]
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.[2]
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.[1,2]
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[2]
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[1,2]
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.[2]
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.[1,2]
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[2]
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[1,2]
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

Emergency Battery Delivered Lumens

Use the formula below to determine the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1055)

LPW = Lumen per watt rating of the luminaire.

Notes
1. For MVOLT only, not available with 347V.
2. Not available with IP65 option.

UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CL**AIR**ITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

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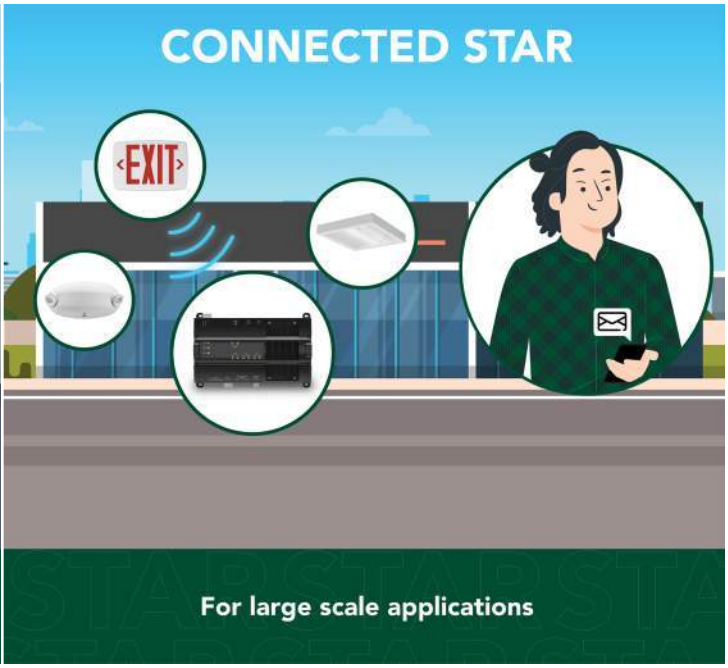
Enabled with STAR

Emergency Lighting with Self-Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the ClAIRity™+ app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

- Testing for 30 seconds every 30 days
- Testing for 90 minutes once a year
- Record keeping and to report to the authority having local jurisdiction



SWITCHABLE PERFORMANCE DATA FOR SWL LENS

Size (ft)	Nomenclature	Lumen Package	CCT	Lumen	Wattage	Efficacy
1X4	CPX 1X4 ALO7 80CRI SWW7 SWL	Low Lumen	3500K	2393	19.0	125.9
			4000K	2450	18.4	132.8
			5000K	2446	19.1	127.7
		Med Lumen	3500K	3226	24.8	129.9
			4000K	3348	24.1	139.0
			5000K	3290	23.1	142.1
		High Lumen	3500K	4093	31.5	130.1
			4000K	4265	30.2	141.0
			5000K	4156	32.5	127.8
2X2	CPX 2X2 ALO7 80CRI SWW7 SWL	Low Lumen	3500K	2587	20.5	126.2
			4000K	2664	19.3	137.8
			5000K	2609	20.1	129.6
		Med Lumen	3500K	3432	27.7	124.1
			4000K	3587	26.0	138.1
			5000K	3486	26.9	129.5
		High Lumen	3500K	4322	34.9	123.7
			4000K	4557	32.8	139.1
			5000K	4382	34.0	128.8
2X4	CPX 2X4 ALO8 80CRI SWW7 SWL	Low Lumen	3500K	3539	25.9	136.9
			4000K	3672	24.9	147.2
			5000K	3629	25.9	140.3
		Med Lumen	3500K	4754	35.9	132.3
			4000K	4982	34.4	144.9
			5000K	4890	34.5	141.8
		High Lumen	3500K	6032	47.9	126.1
			4000K	6383	45.2	141.3
			5000K	6217	47.9	129.7

SWITCHABLE PERFORMANCE DATA FOR A12 LENS

Size (ft)	Nomenclature	Lumen Package	CCT	Lumen	Wattage	Efficacy
1X4	CPX 1X4 ALO7 80CRI SWW7 A12	Low Lumen	3500K	2309	19.0	121.5
			4000K	2364	18.4	128.2
			5000K	2360	19.1	123.3
		Med Lumen	3500K	3113	24.8	125.3
			4000K	3231	24.1	134.1
			5000K	3175	23.1	137.2
		High Lumen	3500K	3950	31.5	125.6
			4000K	4116	30.2	136.1
			5000K	4011	32.5	123.3
2X2	CPX 2X2 ALO7 80CRI SWW7 A12	Low Lumen	3500K	2489	20.5	121.5
			4000K	2563	19.3	132.6
			5000K	2510	20.1	124.7
		Med Lumen	3500K	3302	27.7	119.4
			4000K	3451	26.0	132.9
			5000K	3354	26.9	124.6
		High Lumen	3500K	4158	34.9	119.0
			4000K	4385	32.8	133.9
			5000K	4217	34.0	123.9
2X4	CPX 2X4 ALO7 80CRI SWW7 A12	Low Lumen	3500K	3424	25.9	132.4
			4000K	3552	24.9	142.4
			5000K	3511	25.9	135.8
		Med Lumen	3500K	4599	35.9	128.0
			4000K	4819	34.4	140.2
			5000K	4731	34.5	137.1
		High Lumen	3500K	5835	47.9	121.9
			4000K	6175	45.2	136.7
			5000K	6014	47.9	125.5

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Optical Performance

UGR Values of CPX 1x4 @ **80CRI** (70% 50% 20% reflectance using a 4H x 8H room size)							
	CCT	A12			SWL		
		LUMEN	Crosswise	Endwise	LUMEN	Crosswise	Endwise
Low Lumen	3500K	2303	17.9	18	2393	20.2	20
	4000K	2358	18	18	2451	20.3	20
	5000K	2354	18	18	2446	20.3	20
Med Lumen	3500K	3105	18.9	19	3227	21.3	21
	4000K	3223	19.1	19.1	3349	21.4	21.1
	5000K	3167	19	19.1	3291	21.3	21.1
High Lumen	3500K	3940	19.8	19.8	4094	22.1	21.8
	4000K	4105	19.9	20	4266	22.2	22
	5000K	4000	19.8	19.9	4158	22.1	21.9

UGR Values of CPX 2x2 @ **80CRI** 70% 50% 20% reflectance using a 4H x 8H room size)							
	CCT	A12			SWL		
		LUMEN	Crosswise	Endwise	LUMEN	Crosswise	Endwise
Low Lumen	3500K	2490	17.9	18.2	2588	20.3	20.1
	4000K	2564	18	18.3	2664	20.4	20.2
	5000K	2511	17.9	18.2	2609	20.4	20.1
Med Lumen	3500K	3303	18.9	19.2	3433	21.3	21.1
	4000K	3452	19	19.3	3587	21.5	21.2
	5000K	3356	18.9	19.2	3487	21.4	21.1
High Lumen	3500K	4160	19.7	20	4323	22.1	21.9
	4000K	4387	19.9	20.2	4559	22.3	22.1
	5000K	4219	19.7	20	4384	22.2	21.9

UGR Values of CPX 2x4 @ **80CRI** (70% 50% 20% reflectance using a 4H x 8H room size)							
	CCT	A12			SWL		
		LUMEN	Crosswise	Endwise	LUMEN	Crosswise	Endwise
Low Lumen	3500K	3425	16.4	16.7	3540	18.8	18.7
	4000K	3553	16.6	16.8	3672	18.9	18.8
	5000K	3512	16.5	16.8	3630	18.9	18.8
Med Lumen	3500K	4601	17.4	17.7	4755	19.8	19.7
	4000K	4821	17.6	17.9	4983	20	19.9
	5000K	4732	17.5	17.8	4891	19.9	19.8
High Lumen	3500K	5837	18.3	18.5	6033	20.6	20.5
	4000K	6177	18.5	18.7	6384	20.8	20.7
	5000K	6017	18.4	18.7	6219	20.8	20.6

Lumen Maintenance

Reported Lumen Maintenance	**Forecasted Lumen Maintenance**
L90 @ 37k Hrs / L80 @ >60k Hrs / L70 @ > 60k Hrs	L90 @ 37k Hrs / L80 @ 76k Hrs / L70 @ 120k Hrs

*Note - Reported LM based on IES standard 6X test period for LM-80 report. Forecasted LM based on TM-21 report extrapolation past 6X LM-80 testing.

CPX compatible with Sensor Switch™ WSX-D and SPOD wall switches.

WSX-D

SPOD

PHOTOMETRICS

See www.lithonia.com for photometry reports.

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Intelligent Luminaire Technology Guide

Choose nomenclature from these columns

Control/ Sensor Configurations

Control Input		Sensor		Sensor	Notes	Previous Nomenclature
SSE	+	APIR	=	MSD 7 ADCX	Individual fixture control only. PIR integral occupancy sensor with automatic dimming control photocell.	MSD7ADCX
SSE	+	APDT	=	MSD PDT 7 ADCX	Individual fixture control only. PDT integral occupancy sensor with automatic dimming control photocell.	MSDPDT7ADCX
NLIGHT	+	(blank)	=	nIO EZ PH	nLight enabled only. No onboard sensor.	NLIGHT
NLIGHT	+	PIR	=	nIO EZ PH + nES 7	nLight enabled with PIR integral occupancy sensor.	NLIGHT NES7
NLIGHT	+	PDT	=	nIO EZ PH + nES PDT 7	nLight enabled with dual technology occupancy control sensor.	NLIGHT NESPDT7
NLIGHT	+	APIR	=	nIO EZ PH + nES 7 ADCX	nLight enabled with PIR integral occupancy sensor with automatic dimming photocell.	NLIGHT NES7ADCX
NLIGHT	+	APDT	=	nIO EZ PH + nES PDT 7 ADCX	nLight enabled with dual technology occupancy controls sensor with automatic dimming photocell.	NLIGHT NESPDT7ADCX
NLIGHTER	+	(blank)	=	nIO EZ PH ER	Emergency nLight enabled only. No onboard sensor.	NLIGHT EMG
NLIGHTER	+	PIR	=	nIO EZ PH ER + nES 7	Emergency nLight enabled with PIR integral occupancy sensor.	NLIGHT EMG NESPDT7
NLIGHTER	+	PDT	=	nIO EZ PH ER + nES PDT 7	Emergency nLight enabled with dual technology occupancy control sensor.	NLIGHT EMG NES7ADC
NLIGHTER	+	APIR	=	nIO EZ PH ER + nES 7 ADCX	Emergency nLight enabled with PIR integral occupancy sensor with automatic dimming photocell.	NLIGHT EMG NES7ADCX
NLIGHTER	+	APDT	=	nIO EZ PH ER + nES PDT 7 ADCX	Emergency nLight enabled with dual technology occupancy controls sensor with automatic dimming photocell.	NLIGHT EMG NESPDT7ADCX
NLIGHTLM	+	(blank)	=	nIO EZ PH N80	nLight enabled only with 80% constant lumen managment. No onboard sensor.	NLIGHT CL80
NLIGHTLM	+	PIR	=	nIO EZ PH N80 + nES 7	nLight enabled with 80% contstant lumen managment with PIR integral occupancy sensor.	NLIGHT CL80 NES7
NLIGHTLM	+	PDT	=	nIO EZ PH N80 + nES PDT 7	nLight enabled with 80% contstant lumen management with dual technology occupancy control sensor.	NLIGHT CL80 NESPDT7
NLIGHTLM	+	APIR	=	nIO EZ PH N80 + nES 7 ADCX	nLight enabled with 80% contstant lumen management with PIR integral occupancy sensor with automatic dimming photocell.	NLIGHT CL80 NES7ADCX
NLIGHTLM	+	APDT	=	nIO EZ PH N80 + nES PDT 7 ADCX	nLight enabled with 80% contstant lumen managmentwith dual technology occupancy controls sensor with automatic dimming photocell.	NLIGHT CL80 NESPDT7ADCX
NLIGHTLMER	+	(blank)	=	nIO EZ PH ER N80	Emergency nLight enabled only with 80% contstant lumen managment. No onboard sensor.	NLIGHT EMG CL80
NLIGHTLMER	+	PIR	=	nIO EZ PH ER N80 + nES 7	Emergency nLight enabled with 80% contstant lumen managment with PIR integral occupancy sensor.	NLIGHT EMG CL80 NES7
NLIGHTLMER	+	PDT	=	nIO EZ PH ER N80 + nES PDT 7	Emergency nLight enabled with 80% contstant lumen management with dual technology occupancy control sensor.	NLIGHT EMG CL80 NESPDT7
NLIGHTLMER	+	APIR	=	nIO EZ PH ER N80 + nES 7 ADCX	Emergency nLight enabled with 80% contstant lumen management with PIR integral occupancy sensor with automatic dimming photocell.	NLIGHT EMG CL80 NES7ADCX
NLIGHTLMER	+	APDT	=	nIO EZ PH ER N80 + nES PDT 7 ADCX	Emergency nLight enabled with 80% contstant lumen management with dual technology occupancy controls sensor with automatic dimming photocell.	NLIGHT EMG CL80 NESPDT7ADCX
NLTAIR2	+	(blank)	=	RIO ZTS EXTDB ACWH 180D NENC1 G2	nLight AIR Generation 2 enabled.	NLTAIR2 RIO
NLTAIREM2	+	(blank)	=	RIO ZT EM EXTDB ACWH 180D NENC1 G2	nLight AIR Generation 2 enabled	NLTAIR2 RIOEM
NLTAIR2	+	APIR	=	RES7 ZTS 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7
NLTAIR2	+	APDT	=	RES7 PDT ZTS 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7PDT
NLTAIR2	+	APIREM	=	RES7 ZT EM 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7EM
NLTAIR2	+	APDTEM	=	RES7 PDT ZT EM 90D G2	nLight AIR Generation 2 enabled.	NLTAIR2 RES7PDTEM

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nLight Platform

nLight AIR Wireless

CPX with rES7

Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With the CLAIRITY+ Pro app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

nLight AIR rPODBA 2P DX

Mobile Device

nLight Wired Networking

CPX with nIO

Simple as 1,2,3

1. Install the nLight® Wired fixtures with embedded control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)

nLight Wired nPODM 2P DX

nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

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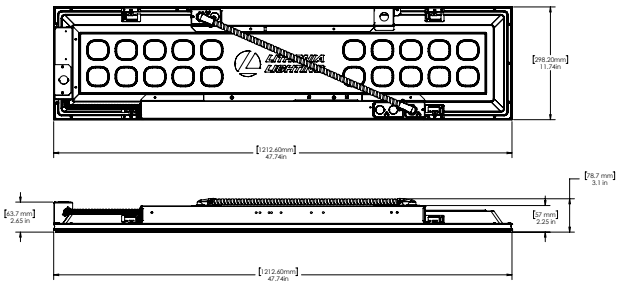
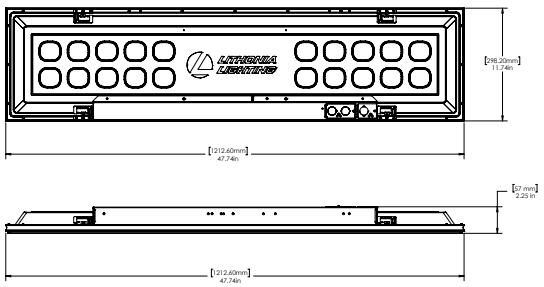
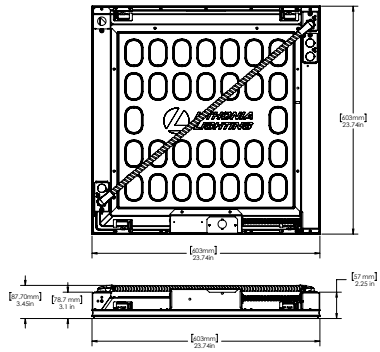
DIMENSIONS

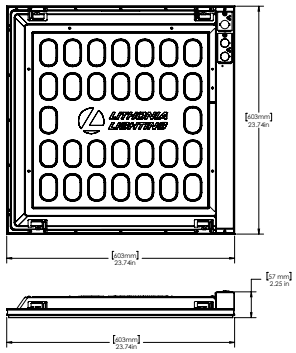
Length: 47.8" 121.4cm
Width: 11.8" 30.0cm
Depth: 2.3" 5.7cm
Weight:
Unit: 9.25 lbs
Unit Carton: 10.25 lbs



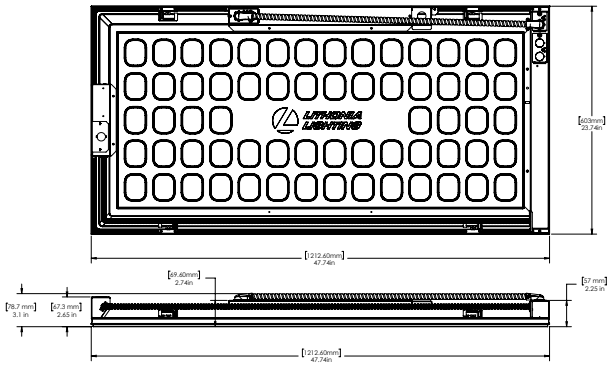


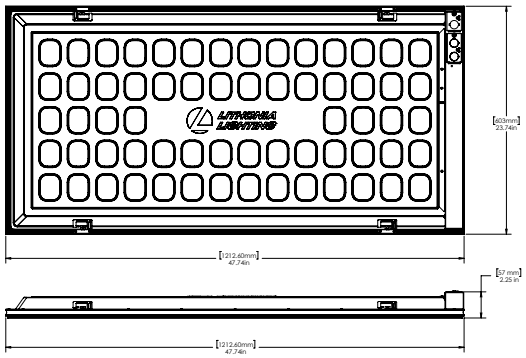
Length: 23.8" 60.5cm
Width: 23.8" 60.5cm
Depth: 1.7" 4.3cm
Weight:
Unit: 9.45lbs
Unit Carton: 10.45lbs





Length: 47.8 (121.4cm)
Width: 23.8" 60.5cm
Depth: 2.3" 5.7cm
Weight:
Unit: 17.25 lbs
Unit Carton: 19.25 lbs





All dimensions are the same except the height with the STAR configuration. Includes conduit
1X4- 3.21"-depth
2X2- 3.24"-depth
2X4-3.25"-depth

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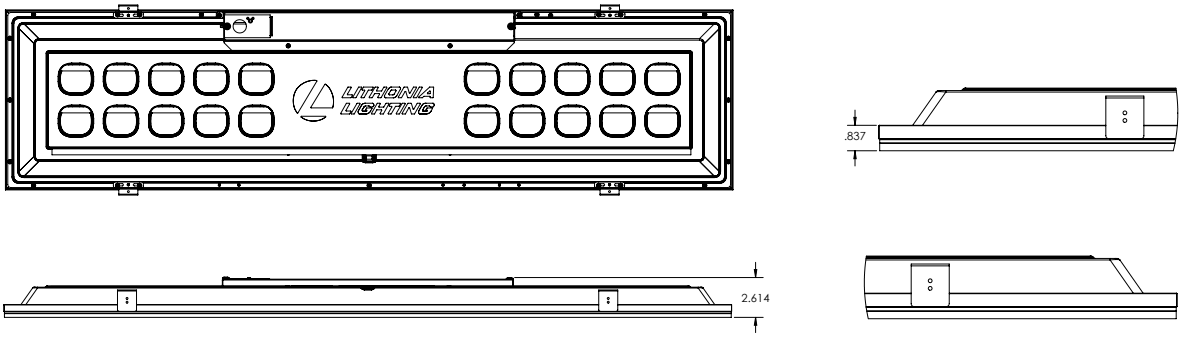
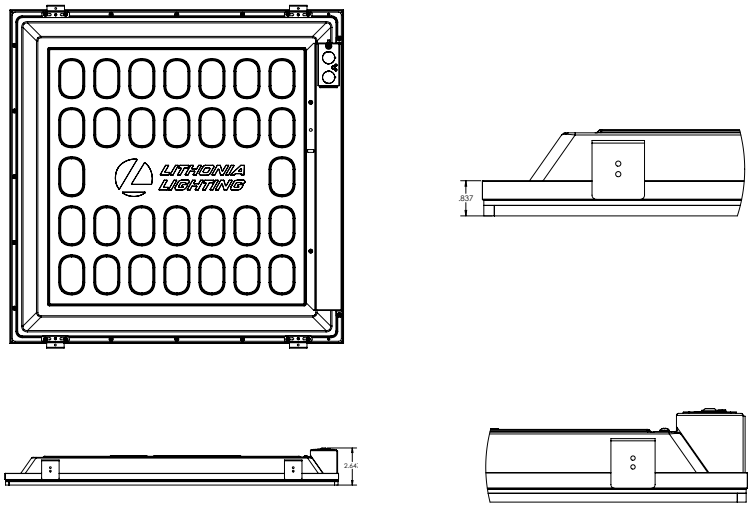
DIMENSIONS with IP65

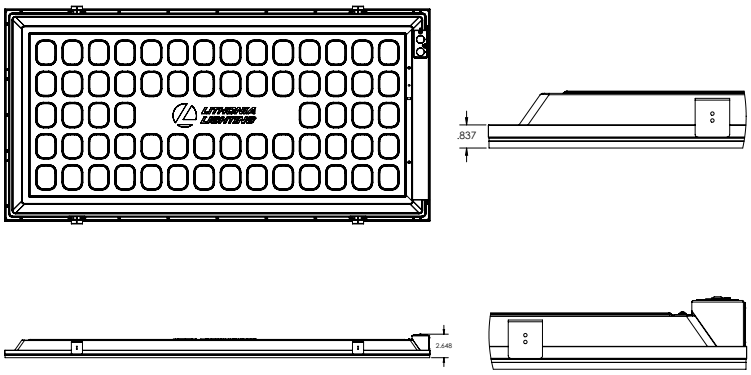
Length: 47.8" 121.4cm
Width: 11.8" 30.0cm
Depth: 2.6" 6.7cm
Weight:
Unit: 9.25 lbs
Unit Carton: 10.25 lbs



Length: 23.8" 60.5cm
Width: 23.8" 60.5cm
Depth: 2.6" 6.7cm
Weight:
Unit: 9.45 lbs
Unit Carton: 10.45 lbs



Length: 47.8" (121.4cm)
Width: 23.8" 60.5cm
Depth: 2.6" 6.7cm
Weight:
Unit: 17.25 lbs
Unit Carton: 19.25 lbs



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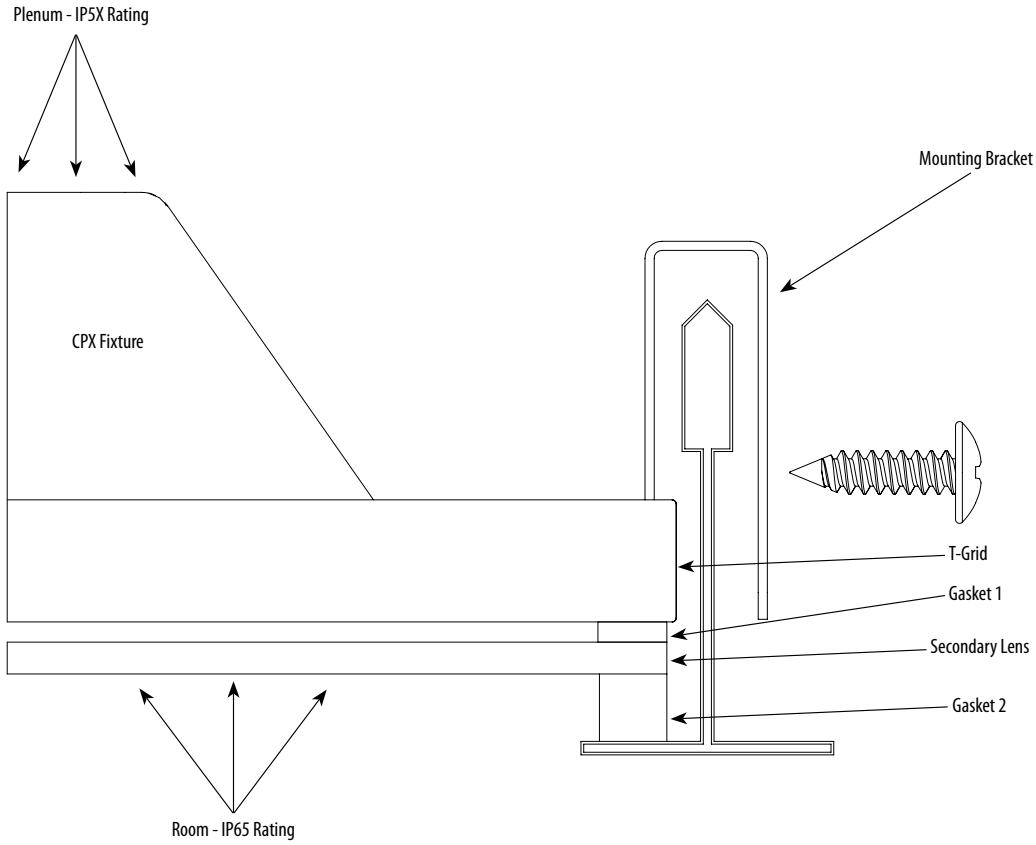
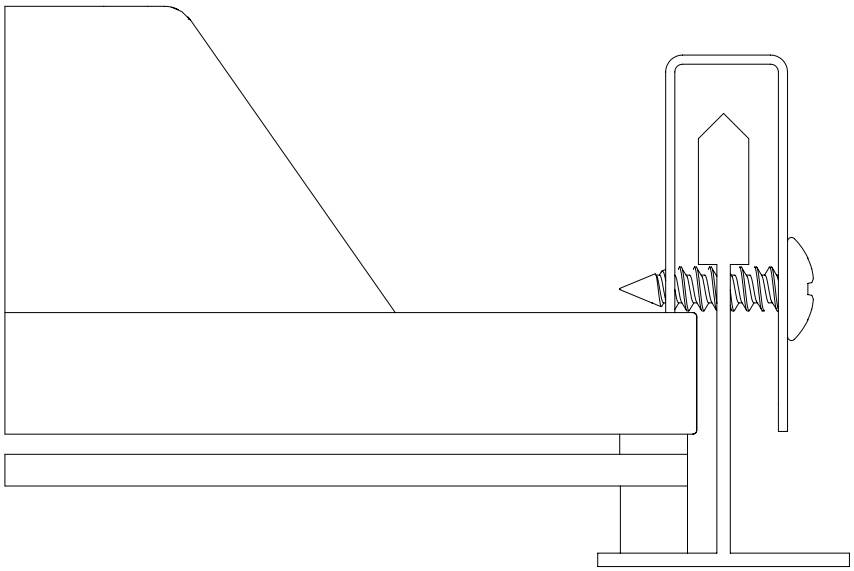
IP RATED FIXTURE CROSS SECTION



Screws must be applied during installation in order to be IP65 rated on room side.



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LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

LBR8

8" Open and Wallwash LED Retrofit/Remodel Downlight

Retrofit | Remodel

ROUND CEILING DOWN LIGHT - MULTIPURPOSE ROOM

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Retrofit, remodel, and new construction mounting types. See table for compatible ceiling openings and thickness range.

Optional goof rings available for additional overlap trim coverage.

1/2"-1-1/2" ceiling thickness

25° ambient temperature

IC rated up to 1000lm

OPTICS — LEDs are binned to a 3-step Mac Adam Ellipse. 55° cutoff

New construction frame accessories approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

80CRI standard (90CRI optional)

UGR — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117-1996 Discomfort Glare in Interior Lighting. UGR FAQ

ELECTRICAL — Adjustable lumen output with four module options. Fixed lumen options also available.

MVOLT 120/277V 50/60Hz driver (0-10V & 120V Phase Dimming to 10% or 1% min dimming level)

FCC CFR Title 47 Part 15 Class A for 277V. FCC CFR Title 47 Part 15 Class B for 120V.

LUMEN MAINTENANCE — L80 at 60,000 hours

LISTINGS — Certified to US and Canadian safety standards. Title 24 compliant (90CRI, up to 1000lm) Damp location standard (Wet Location (WL) optional, requires covered ceiling). Some configurations are ENERGY STAR® certified, please visit www.energystar.gov for specific products. TAA compliant. UFC (3-530-01) specification compliant for power factor and THD. GSA P100 6.2.4 compliant for power quality at full output; compliant up to 2000lm at fully dimmed output. Drivers are ROHS compliant

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

Performance Data

LBR8 AR LSS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	551	96	564	97	577	99	595	101
ALO1 (750LM)	9	872	98	893	100	914	102	942	104
ALO1 (1000LM)	13	1225	95	1253	96	1283	98	1323	101
ALO2 (1000LM)	13	1298	105	1328	106	1360	108	1402	111
ALO2 (1500LM)	19	1895	101	1939	103	1985	105	2047	107
ALO2 (2000LM)	25	2387	96	2442	98	2500	99	2578	102
ALO3 (2000LM)	25	2456	99	2513	101	2572	103	2652	105
ALO3 (2500LM)	32	2965	94	3034	96	3106	98	3202	100
ALO3 (3000LM)	38	3367	90	3445	91	3527	93	3636	95
ALO4 (4000LM)	39	4008	104	4090	106	4172	108	4213	109
ALO4 (4500LM)	44	4424	101	4514	103	4604	105	4649	106
ALO4 (5000LM)	49	4811	98	4909	100	5007	102	5056	103

LBR8 MS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	463	80	474	82	485	84	500	86
ALO1 (750LM)	9	733	82	750	84	767	86	791	88
ALO1 (1000LM)	13	1029	79	1053	81	1078	83	1111	86
ALO2 (1000LM)	13	1091	87	1116	89	1142	91	1178	94
ALO2 (1500LM)	19	1592	84	1629	86	1667	88	1719	91
ALO2 (2000LM)	25	2005	80	2052	82	2100	84	2165	87
ALO3 (2000LM)	25	2063	83	2111	85	2161	87	2228	89
ALO3 (2500LM)	32	2490	79	2548	81	2609	83	2690	85
ALO3 (3000LM)	38	2828	75	2894	77	2963	78	3055	81
ALO4 (4000LM)	39	3367	86	3436	88	3504	90	3539	91
ALO4 (4500LM)	44	3716	84	3792	86	3867	88	3905	89
ALO4 (5000LM)	49	4041	82	4124	84	4206	86	4247	87

- Tested in accordance with IESNA LM-79-08. u8226
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical

battery pack

LBR8

Module ordering

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** LBR8 ALO2 SWW1 AR LSS MWD MVOLT UGZ 90CRI

Series		Lumens ‡				Color temperature ‡		Reflector Color		Reflector Flange ‡		Reflector Finish	
LBR8	8" Retrofit	**Adjustable Lumen Output**		**Fixed Lumen Output**		**Switchable CCT**		AR	Clear	(blank)	Self-flanged	LSS	Semi-specular
LBR8WW ‡	8" Retrofit Wallwash	ALO1	500/750/1000lm	05LM	500lm	SWW1	3000K-3500K-4000K-5000K	BR ‡	Black painted	TRW	White painted flange		
		ALO2	1000/1500/2000lm	07LM	750lm	**Fixed CCT**		MS ‡	Metallic Silver	TRBL	Black painted flange		
		ALO3	2000/2500/3000lm	10LM	1000lm	27K	2700K	WR ‡	White painted	FCPC	Custom painted flange only		
		ALO4	4000/4500/5000lm	15LM	1500lm	30K	3000K	TCPC ‡	Custom painted trim	FRALTBD	RAL painted flange only		
				20LM	2000lm	35K	3500K	TRALTBD ‡	RAL painted trim				
				25LM	2500lm	40K	4000K						
				30LM	3000lm	50K	5000K						
				40LM	4000lm								
				45LM	4500lm								
				50LM	5000lm								

Distribution		Voltage	Driver		Emergency ‡		Control Input ‡	
MWD	Medium wide (1.0 s/mh)	MVOLT	UGZ	Universal dimming to 10% 0-10V; line voltage dimming (120V)	(blank)	No Emergency Needed	(blank)	No Control Input Needed
WD	Wide (1.2s/mh)	120	UGZ1	Universal dimming to 1% 0-10V; line voltage dimming (120V)	ELR	Battery pack (10W constant power) Non-T20 Compliant remote test switch	JOT	Wireless room control with "Just One Touch" pairing
WW ‡	Wallwash	277	DALI ‡	DALI dimming to 1%	ETS	Iota Emergency Transfer System	NPS80EZ	nLight® network power/relay pack with 0-10V dimming
		347	D10	Minimum dimming 10% driver for use with JOT	E10WCP	Battery pack (10W constant power) Non-T20 Compliant integral test switch	NPS80EZER	nLight® network power/relay pack with 0-10V dimming; ER controls fixtures on emergency circuit.
			D1	Minimum dimming 1% driver for use with JOT	E10WCPR	Battery pack (10W constant power) T20 Compliant remote test switch	NLTAIR2	nLight® Air enabled
					E10WRSTAR	Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLTAIRER2	nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit
							NLTAIREM2	nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection.

Options	
90CRI	High CRI (90+)
AT ‡	Airtight
EC1 ‡	Extended Conduit (18")
EC6 ‡	Extended Conduit (6ft)
WL ‡	Wet Location (IP55)
QDS ‡	Quick disconnect plugs
CP ‡	Chicago Plenum

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restictions chart below.

‡ Option Value Ordering Restrictions

Options	Restriction
Adjustable Lumens/CCT	Adjustable Lumen Output and Switchable CCT must be specified together (for example: ALO1 SWW1).
Fixed Lumens/CCT	Fixed Lumen Output and Fixed CCT must be specified together (for example: 10LM 30K).
AT	Standard for CP and IP55, not availabe with WW.
E10WCPR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT.
E10WCP	Not available with EC1, EC6, AT, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, WL, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch
ELR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT.
EC1, EC6	Not Available with CP,QDS, ELR, E10WCP, or E10WCPR.
WL	Not available with WW, All CP is wet location, except WW (Damp). IP55 rated.
QDS	Must be specified for use with LBR_PFWQDS. Not available with 347V, CP, ELR, E10WCP, E10WCPR.
JOT	Not availabe with CP, nLight options, UGZ, or DALI drivers. Max 4500 lumens. Fixed lumens and CCT only. Not available with 2000-4500lm in conjunction with batterypack.
NPS80EZ	Not available with CP, QDS, DALI, D1, OR D10 drivers. 120V OR 277V only. Not available with 347V.
NPS80EZER	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. 120V OR 277V only. Not available with 347V.
NLTAIR2	Not available with CP, QDS, DALI, D1, OR D10 drivers. See UL 924 Sequence of Operation table. Non-emergency luminaires with this option can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIRER2	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. Not available with 347V.
NLTAIREM2	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. See UL 924 Sequence of Operation table.
CP	Must be specified for use with LBR_PFWCP. Not available with, QDS, EC1, EC6, ELR, E10WCP, E10WCPR, 347V, JOT, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, D1, OR D10 drivers.
ETS	Not available with, QDS, ELR, E10WCP, E10WCPR, 347V, JOT, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, DALI, D1, OR D10 driver.
DALI	Not available with fixed lumens or CCT. Max 4500 lumens.
WW	Not available with WL, EL and E10WCP. Must be ordered with LBR8WW series.
TRW, TRBL	Available with MS and AR reflectors only.
MS, WR, BR	Not available with LSS reflector finish.
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options.
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details

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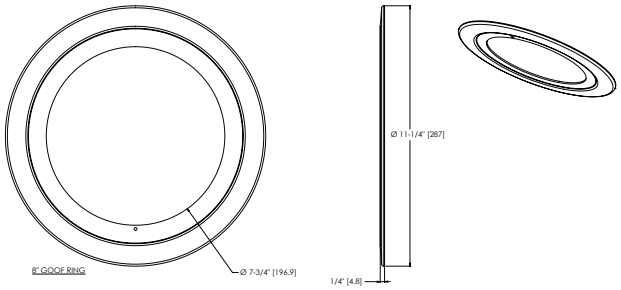
LBR8

Accessories: *Order as separate catalog number. Shipped separately.*	
LBRGR910	Goof ring 9-3/4" to 10-3/4" for LBR8
LBRGR910CP	Chicago Plenum Goof ring 9-3/4" to 10-3/4" for LBR8
LBR8AR LSS TRIM	8" clear, semi-specular reflector
LBR8** TRIM	8" reflector (** specify MS, WR, BR)
LBR8AR LSS WW TRIM	8" clear, semi-specular wallwash
LBR8** WW TRIM	8" wallwash (** specify MS, WR, BR)
LDN8RVRGIN IFB	Install-from-below rough-in frame
LBR46810HB FPAN U	Mounting plate 4"-10" unit pack
LBR46810HB FPAN J10	Mounting plate 4"-10" 10-pack
LBR SDT 347V 75W ASM	Field installed 347V Step-down transformer
SCA8	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA8 10D.

Goof rings must specify reflector color
Example: LBRGR910 AR
WR = white, BR = black, AR = Clear



Module	Mounting Frame Accessory	Compatible Fixture Options
LBR8	LBR8PF	QDS, EC1, EC6,
	LBR8PFW	Base fixture only
	LBR8PFW EM	ELR, E10WCPR, E10WCP, E10WRSTAR
	LBR8PFWQDS	QDS fixture only
LBR8WW	LBR8PF	QDS, EC1, EC6,
	LBR8PFW	Base fixture only
	LBR8PFW EM	ELR, E10WCPR, E10WRSTAR
	LBR8PFWQDS	QDS fixture only

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A+	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A+	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILBHI CP10 HE SD A+	10W	90	1200	347-480V AC Input, Title 20, Self Diagnostic
ILBHI CP15 HE SD A+	15W	90	1800	347-480V AC Input, Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

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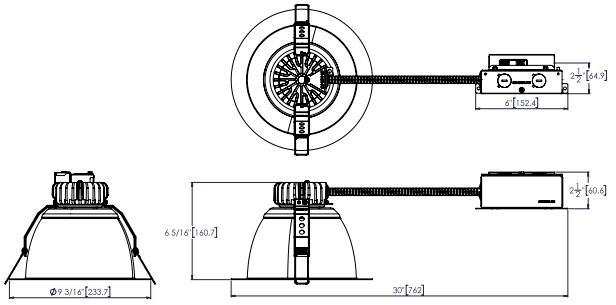
LBR8

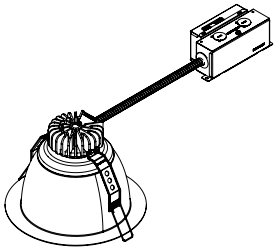
PLENUM DEPTH TABLE				
Aperture Size/Output	Plenum Depth*	IC	Non-IC	Non-IC Marked Spacing
LBR8 500-1000 Lumen	5.81	X		
LBR8 1000-2000 Lumen	5.81		X	
LBR8 2000-3000 Lumen	-			24x24x9
LBR8 4000-5000 Lumen	-			24x24x9

*Above unfinished 1/2" ceiling plane

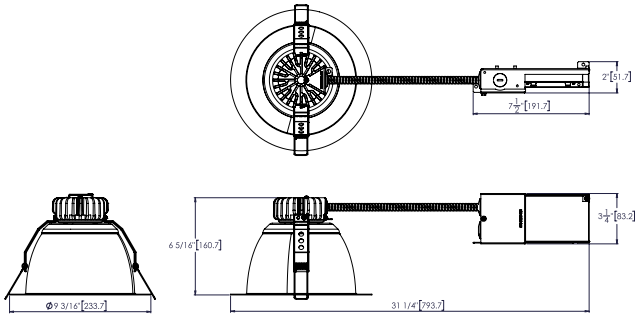
CEILING COVERAGE TABLE								
Series		Aperture	Trim Flange OD	Min ceiling opening	Ceiling Thickness	Max ceiling opening	Max Ceiling Opening with Goof Ring	Overall Goof Ring OD
LBR8	ROUND	7-1/6"	9-3/16"	7-3/4"	1/2"	8-7/8"	9-1/4"	11-1/4"
LBR8					1-1/2"		9-5/8"	

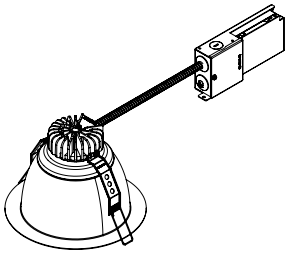
* All dimensions are inches (millimeters) unless otherwise noted.



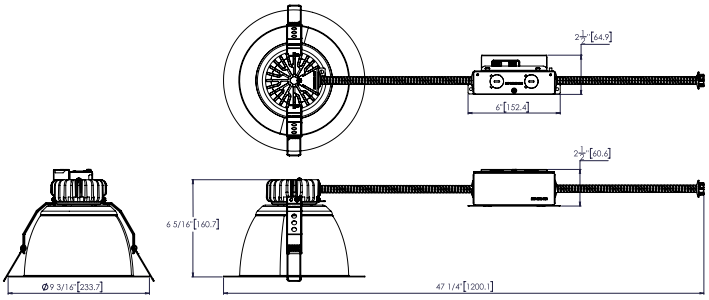


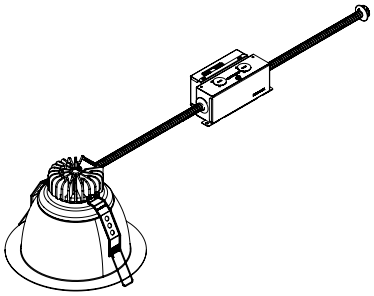
LBR8 SWW1 AL0x xx xxx MVOLT UGZ



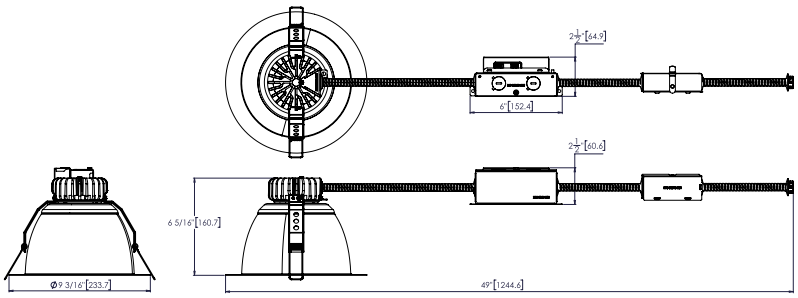


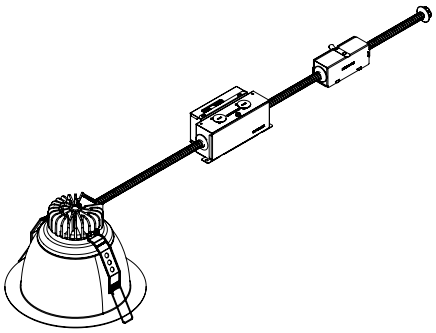
LBR8 SWW1 AL03 xx xxx MVOLT DALI





LBR8 SWW1 AL0x xx xxx MVOLT UGZ EC1





LBR8 SWW1 AL0x xx xxx MVOLT UGZ QDS

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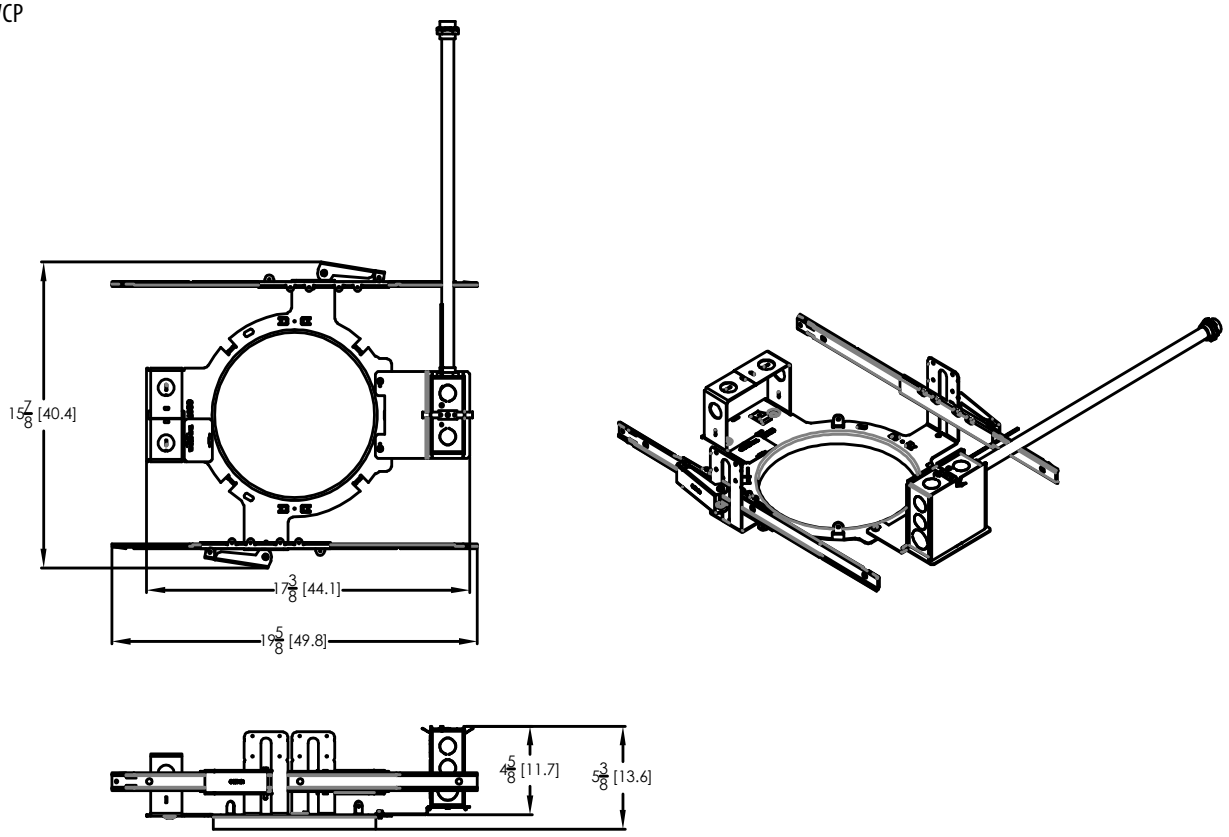
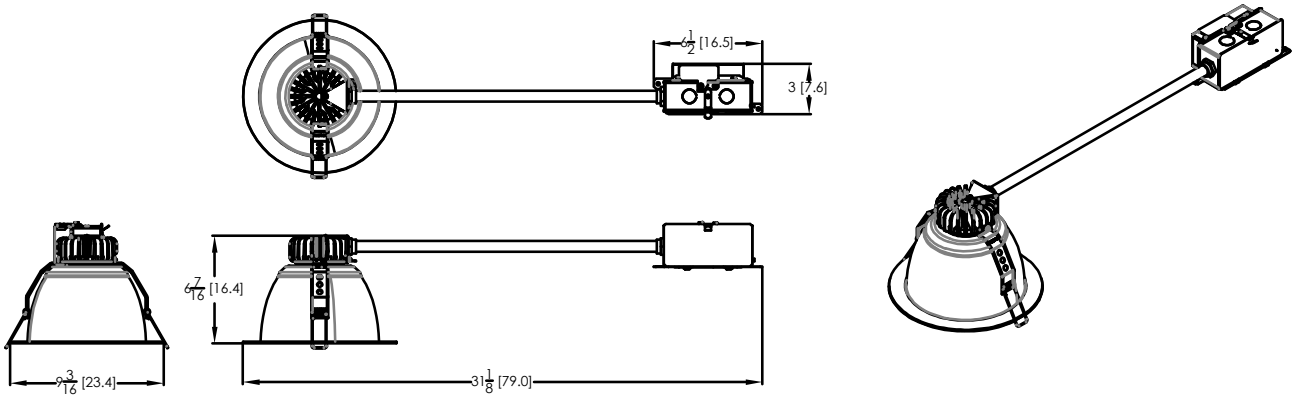
LBR8

* All dimensions are inches (millimeters) unless otherwise noted.

LBR8PFWCP



LBR8 SWW1 ALOx MVOLT UGZ CP



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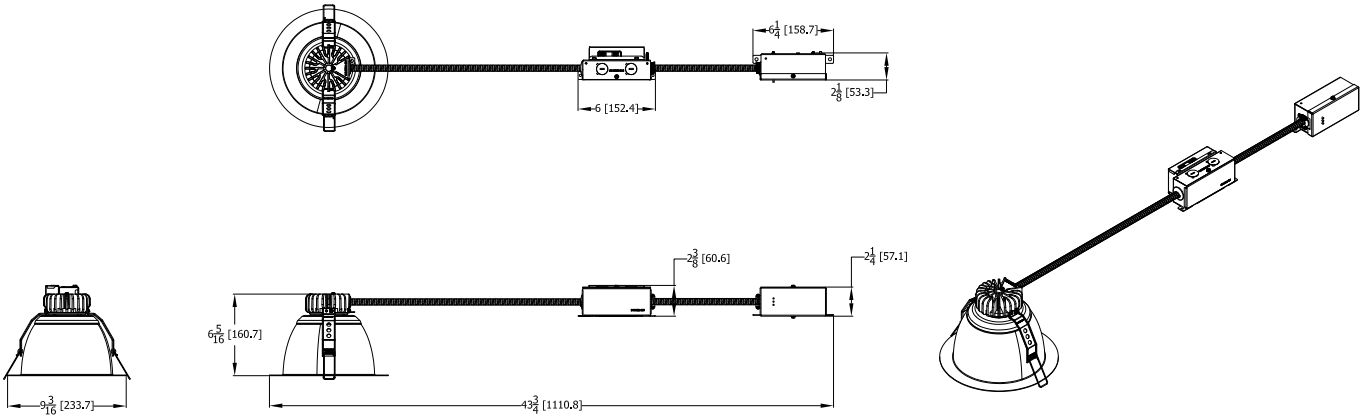
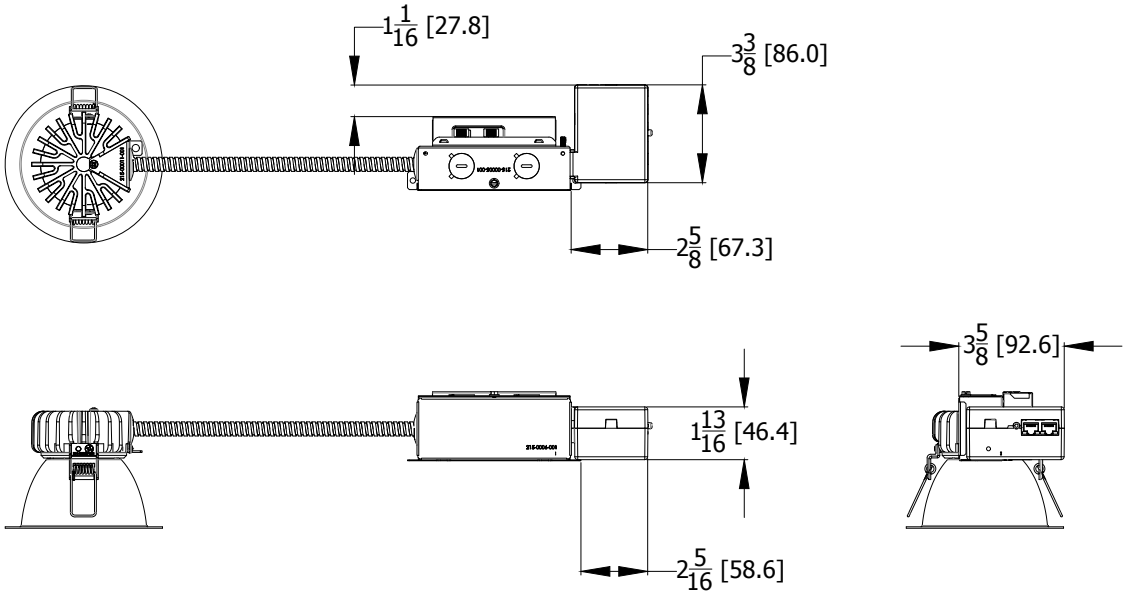
LBR8

* All dimensions are inches (millimeters) unless otherwise noted.

LBR8 ALOx SWW1 xx xxx 347 UGZ



LBRx nLIGHT



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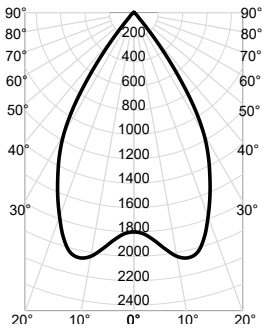
LBR8

PHOTOMETRY

Distribution Curve	Distribution Data	Output Data	Illuminance Data at 30" Above Floor for a Single Luminaire

LBR8 SWW1 ALO2 AR LSS MWD MVOLT UGZ, Input Watts: 18.1, Delivered Lumens: 1883, LPW: 104.0, S/MH: 1.05, Test No: 20-518-04



CP Summary

	0°
0°	1,799
5°	1,874
15°	2,032
25°	1,476
35°	644
45°	50
55°	16
65°	3
75°	1
85°	0
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	1,416	75%
0° - 40°	1,812	96%
0° - 60°	1,878	100%
0° - 90°	1,883	100%
90° - 180°	0	0%
0° - 180°	1,883	100%

Cone of Light

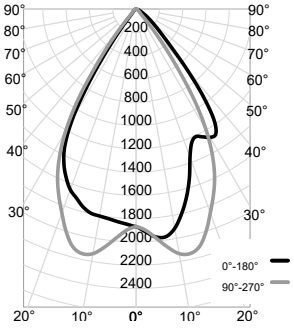
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	50.0	7.3
8.0	28.1	9.7
10.0	18.0	12.2
12.0	12.5	14.6
14.0	9.2	17.0

Beam Angle: 62.6°
Field Angle: 79.4°

Luminance (cd/sq.m)

	Average Luminance
0°	68,479
45°	2,703
55°	1,062
65°	288
75°	191
85°	131

LBR8WW SWW1 ALO2 AR LSS WW, Input Watts: 18.7, Delivered Lumens: 1929, LPW: 103.2, S/MH: 0.88, Test No: 20-518-A2



CP Summary

	0°	90°
0°	1,869	1,869
5°	1,965	1,975
15°	1,672	2,110
25°	1,210	1,595
35°	1,170	625
45°	328	50
55°	112	17
65°	36	5
75°	10	3
85°	2	1
90°	0	1

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	1,369	71%
0° - 40°	1,794	93%
0° - 60°	1,913	99%
0° - 90°	1,929	100%
90° - 180°	0	0%
0° - 180°	1,929	100%

Luminance (cd/sq.m)

	Average Luminance
0°	76,135
45°	18,909
55°	7,969
65°	3,441
75°	1,511
85°	748

LUMEN OUTPUT MULTIPLIERS - CCT			
3000K	**3500K**	**4000K**	**5000K**
0.98	1.0	1.01	1.03

LUMEN OUTPUT MULTIPLIERS - FINISH	
Clear Semi-spec (AR LSS)	1.0
Metallic Silver (MS)	0.84
White Painted (WR)	1.03
Black Painted (BR)	0.60

LUMEN OUTPUT MULTIPLIERS - CRI	
80	1.0
90	0.874

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Ouput power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.
The LPW rating is also available at Designlight Consortium.

DOWNLIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 1-800-705-SERV (7378) www.lithonia.com
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Rev. 11/06/23

DIMMER COMPATIBILITY

Not compatible with DALI or DMX dimmers. For specific compatible dimmers see below.

LINE VOLTAGE DIMMING:						
Type	**Forward Phase**	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	Comment
MLV	Sensorswitch WPD	YES	YES	YES	YES	
MLV	Sensorswitch CMR PDT10 ADC VLP	YES	YES	YES	YES	
MLV	Synergy ISD 600LV	YES, 2x *	YES	YES	YES	* min 2 fixtures
INC	Synergy ISD 600 I	YES, 2x *	YES	YES	YES	* min 2 fixtures
MLV	Lutron Glyder GLV-600	YES	YES	YES	YES	
INC	Leviton SureSlide 6633	YES	YES	YES	YES	
MLV	Lutron Diva DVLV-600P	YES	YES	YES	YES	
MLV	Lutron Skylark SLV-600P	YES	YES	YES	YES	
INC	Lutron RadioRA 2 10ND	YES	YES	YES	YES	
MLV	Leviton SureSlide 6613-PLW	YES	YES	YES	YES	
INC	Lutron Diva DVCL-153P	YES	YES	YES	YES	
MLV	Leviton IPM06	YES, 2x *	YES	YES	YES	* min 2 fixtures
INC	**Leviton IPI06**	YES, 2x *	YES	YES	YES	* min 2 fixtures
INC	**Control4 C4-FPD 120**	YES	YES	YES	YES	
Type	Reverse Phase Dimmer Bank	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	
ELV	Lutron Nova T NTELV-600	YES	YES	YES	YES	
ELV	Lutron Diva DVELV 600P	YES	YES	YES	YES	
ELV	Lutron Maestro MAELV 600	YES	YES	YES	YES	
ELV	Leviton Vizia VPE06-1LX	YES	YES	YES	YES	
ELV	**Leviton Illumatech IPE04**	YES	YES	YES	YES	
ELV	**Control4 C4-APD 120 REVERSE PHASE**	YES	YES	YES	YES	
Type	Miscellaneous Dimmers	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	
PHA	Lutron RadioRA2 RRD-6NA	YES	YES	YES	YES	
PHA	**Lutron Maestro PRO LED+ RRD-PRO**	YES	YES	YES	YES	
Type	Control Systems	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	
MLV	Lutron LP-RPM-4U	YES	YES	YES	YES	
PHA	Lutron LP-RPM-4A	YES	YES	YES	YES	
MLV	Lutron GRAPHIC EYE QSGRJ-3P	YES	YES	YES	YES	
PHA	Lutron PA Power Module PHPM-PA-120	YES	YES	YES	YES	
ELV	Lutron nLight nSP5PCD ELV	YES	YES	YES	YES	

DIMMER COMPATIBILITY

Not compatible with DALI or DMX dimmers. For specific compatible dimmers see below.

0-10V DIMMING:							
Manufacturer	System Type	Description	P/N	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)
ACUITY	Wall Box	sensorswitch, dimming switch with multi-way option	SPODMRA	YES	YES	YES	YES
ACUITY	Wall Box	sensorswitch, wall switch sensor, occupancy controlled dimming	WSX D WH	YES	YES	YES	YES
ACUITY	Control System	nLight	nPP16D	YES	YES	YES	YES
ACUITY	Control System	nLight	nPS 80 EZ	YES	YES	YES	YES
ACUITY	Control System	nLight Air	rPP20 D	YES	YES	YES	YES
Lutron	Other	0-10V (sink or source) PowPak wireless dimming module	RMJ-5T-DV-B	YES	YES	YES	YES
Wattstopper	Control System	Digital single relay room controller (0-10V)	LMRC-211	YES	YES	YES	YES
Crestron	Control System	DIN Rail 0-10V fluorescent dimmer, 4 feeds, 4 channels (Green Light System)	DIN-4DIMFLV4	YES	YES	YES	YES
Lutron	Other	Grafik Eye 0-10V adapter	GRX-TVI	YES	YES	YES	YES
Leviton	Wall Box	Illumatech 0-10V	IP710-DLX	YES	YES	YES	YES
Lutron	Control System	Mounted in the Homeworks QS panel - 0-10V dimmer (sink or source)	GRX-TVM2	YES	YES	YES	YES
Lutron	Wall Box	Nova 0-10V wallbox dimmer (use with PP-120-H line voltage relay)	NTFTV	YES	YES	YES	YES
Lutron	Wall Box	Nova 0-10V wallbox dimmer (use with PP-120-H line voltage relay)	NTSTV-DV	YES	YES	YES	YES
Lutron	Wall Box	Nova T	NFTV	YES	YES	YES	YES
Leviton	Wall Box	Renior II 0-10V	AWSMG-7DW	YES	YES	YES	YES

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ADDITIONAL DATA

JOT
JUST ONE TOUCH

The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram

LBR8 Series

Sensor Switch
WSXA JOT

1. **Power:** Install JOT enabled fixtures and controls as instructed.
2. **Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. **Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DVTV	
	Diva® DVSCTV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis 0A2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

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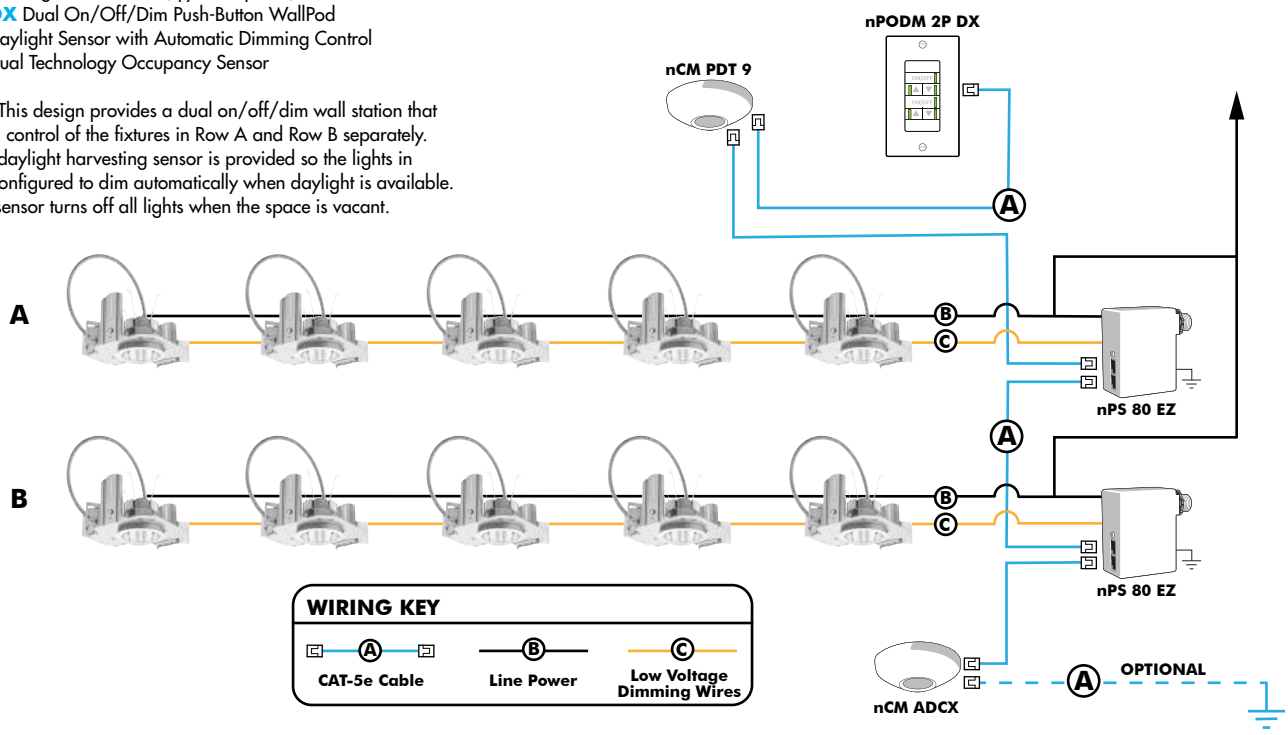
LBR8

EXAMPLE
Group Fixture Control*
*Appiication diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)
nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
nCM ADCX Daylight Sensor with Automatic Dimming Control
nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.

Push-Button Wallpod
Traditional tactile buttons and LED user feedback

Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:			
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	**Model number**	**Occupancy sensors**	**Model Number**
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	**Model Number**	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	**Cat-5 cables (plenum rated)**	**Model Number**
		10', CAT5 10FT	CAT5 10FT J1
		15, CAT5 15FT	CAT5 15FT J1

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nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH[1]

Notes
1 Can only be ordered with the RES7Z zone control sensor version.

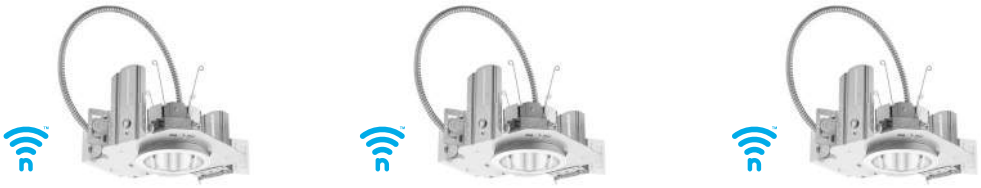
UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CL**AIR**ITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CL**AIR**ITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

nLight AIR rPODB 2P DX Mobile Device

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Columbia LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

RESTROOM RECESSED LIGHTING

ORDERING GUIDE

Example: MPS4–40ML–CW–EDU

CATALOG # _____

MPS – _____ – _____ – _____ – _____ – _____

Model	Size [1]	CRI
MPS MultiPurpose Linear	**2** 2'	**Blank** >80
	4 4'	**9** 90 [2]
	8 8'	

Color Temp	
30	3000K
35	3500K
40	4000K
50	5000K
2750T	2700K–5000K SpectraSync™ Tunable White [3]
2765T	2700K–6500K SpectraSync™ Tunable White [3]

Nominal Lumens [4]			
XW	4' (2700), 8' (5400)	**LWHE**	2' (2600), 4' (4100), 8' (8200)
XWHE	4' (2500), 8' (5000)	**ML**	2' (3600), 4' (4800), 8' (9500)
VW	2' (1700), 4' (3400), 8' (6900)	**MLHE**	4' (4700), 8' (9400)
VWHE	4' (3300), 8' (6600)	**HL**	2' (3800), 4' (6000), 8' (12,000)
MW	2' (2300), 4' (3800), 8' (7700)	**HLHE**	4' (5700), 8' (11,500)
MWHE	2' (2100), 4' (3700), 8' (7400)	**VL**	4' (7100), 8' (14,200)
LW	2' (2500), 4' (4200), 8' (8400)	**XL**	4' (8400), 8' (17,000)

Lens	
C	Curve, Frosted Acrylic
F	Flat, Frosted Acrylic
NL	Less Lens
CP	Curve, Frosted Polycarbonate

Distribution [5]	
N	Narrow Distribution [6]
W	Wide Distribution

Driver	
E	Fixed Output
ED	0-10V Dimming
ED1	0-10V 1% Dimming
EDD	0-10V Dim-to-Dark
ESD	Step Dimming
LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology [7]
LUT5	5-Series EcoSystem LED driver [7]
DALIP	DALI Power Bus [8]

Voltage	
U	120V-277V
347	347V (E, ED, ED1 only)

Options	
ELL14	Emergency Battery Pack, 10W [9,10,11]
ELL14H2	Emergency Battery Pack, 2-Hour Run Time [9,10,11]
GLR	Fast Blow Fuse
GTD	Generator Transfer Device [12]
DTS	Dimming Bypass Module [13]
MPSCE	Injection Molded ABS Material Curve Endcap [15]
MPSCE-MB	Injection Molded ABS Material Curve Endcap, Matte Black
MPSFE	Injection Molded ABS Material Flat Endcap [15]
MPSFE-MB	Injection Molded ABS Material Flat Endcap, Matte Black
MB	Matte Black
ZT	ZET Metallic Silver
PAF	Painted After Fabrication
SAF	SpectraSAFE™ Integrated Surveillance Lighting System [14]

Control Options [15,16]	
NX Standalone	
NXS	NX, PIR BT Occupancy/Daylight Sensor, Slide Mount [17,19]
NX Networked – Wired	
NXE	NX, Dual SmartPORTs [17,18,19]
NXES	NX, PIR BT Occupancy/Daylight Sensor, Slide Mount, Dual SmartPORTs [17,18,19]
NX Networked – Wireless	
NXSW	NX Wireless, PIR BT Occupancy/Daylight Sensor [17,19]
NXWE	NX Wireless Enabled [17,19]
Third-Party Control Options	
ODPG	Occupancy and Daylight Sensors w/ Grouping, Philips SNS200 [20, 22]
LVR	Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) [20, 21, 22]
LVS	Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) [20, 21, 22]

Accessories

☐	**S18**	18" Stem, Canopy
☐	**SS18**	18" Swivel Stem—45° Swivel
☐	**CM24SCF3-KIT**	24" Adjustable Cable Mounting Kit, 3-wire feed [23]
☐	**CM48SCF3-KIT**	48" Adjustable Cable Mounting Kit, 3-wire feed [23]
☐	**CM24NF-KIT**	Single Point Non-Feed Cable Mount with Canopy, Single - 24" [23]
☐	**CM48NF-KIT**	Single Point Non-Feed Cable Mount with Canopy, Single - 48" [23]
☐	**CSHC**	Chain Hanger Assembly
☐	**MPSZT**	Zip Tee Hanger - 1 ½" Spacer on T-Bar Ceiling
☐	**MPSTH**	Slide Tong Hanger
☐	**MPSCRK-C**	Continuous Row Kit, Curve
☐	**MPSCRK-F**	Continuous Row Kit, Flat
☐	**MPSWG2**	2' Wire Guard
☐	**MPSWG4**	4' Wire Guard, two Required for 8' Fixture
☐	**MPSCE**	Injection Molded ABS Material Curve Endcap
☐	**MPSCE-MB**	Injection Molded ABS Material Curve Endcap, Matte Black
☐	**MPSFE**	Injection Molded ABS Material Flat Endcap
☐	**MPSFE-MB**	Injection Molded ABS Material Flat Endcap, Matte Black

Notes:

1 For continuous row mounting, see Continuous Row Mount Example Guide on page 3
2 Not available with HE lumen packages
3 See SpectraSync and NX Availability Table on page 6
4 High efficacy versions designated with "HE"
5 Applicable to lens only
6 Only available with Curve, Frosted Acrylic lens
7 Not available in VL, XL, HE packages
8 DALIP only available when LVS, LVR or ODPG control options are selected
9 Delivered Emergency Lumens = ELL14 = 1210 lms
10 Not available in 2ft size or with thru wire on XL 4ft and 8ft
11 Emergency battery pack max ambient temperature: 25˚C
12 Only available with fixed output driver
13 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. Not availble with ESD driver option. Universal voltage only. DTS with 2' cannot be combined with Controls or SpectraSync options. See page 10 for wiring diagram
14 SpectraSync+NX+SAF can not be configured. Only available with NXE or NXWE. Not available in 347V

NX In-Fixture Control Options:

15 Standard PAF when this option is chosen
16 Control Options include Injection Molded ABS End Cap
17 Only available with 0–10V dimming drivers (ED, ED1 & EDD)
18 Not available with surface mounting
19 Not available in 2ft when SpectraSync and SpectraSAFE are chosen

Third-Party Control Options:

20 LVS, LVR and ODPG only available with DALIP driver option
21 VIVE is a trademark of Lutron Electronics Co., Inc
22 Not available with SpectraSync (2750T or 2765T)

Accessory Notes:

23 See Columbia Mounting Accessories page for additional options

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ORDERING GUIDE (CONTINUED)

CONTINUOUS ROW MOUNT EXAMPLE GUIDE					
Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1

Link to Columbia Mounting Accessories page

PRODUCT EXCEPTIONS & DETAILS

Driver options listed below are available for the outputs as shown.

DRIVER AVAILABILITY TABLE — 2'							
	VW	MW	MWHE	LW	LWHE	ML	HL
E	x	x	x	x	x	x	x
ED	x	x	x	x	x	x	x
ED1	x	x	x	x	x	x	x
EDD	x	x		x		x	x
ESD	x	x		x		x	x
LUT5	x	x		x		x	x
LUTH	x	x		x		x	x
347	x	x		x		x	x
DALIP	x	x	x	x	x	x	x

DRIVER AVAILABILITY TABLE — 4' & 8'														
	XW	XWHE	VW	VWHE	MW	MWHE	LW	LWHE	ML	MLHE	HL	HLHE	VL	XL
E	x	x	x	x	x	x	x	x	x	x	x	x	x	x
ED	x	x	x	x	x	x	x	x	x	x	x	x	x	x
ED1	x	x	x	x	x	x	x	x	x	x	x	x	x	x
EDD	x		x		x		x		x		x		x	x
ESD	x		x		x		x		x		x		x	x
347	x		x		x		x		x		x		x	x
LUT5	x		x		x		x		x		x			
LUTH	x		x		x		x		x		x			
DALIP	x	x	x	x	x	x	x	x	x	x	x	x	x	x

TEMPERATURE TABLE (C°) — 4' & 8'											
		80 CRI									
		E/ED/ED1		ESDU		ED347		EDD		LUT	
Size	Lumen Package	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount
2'	VW	35	40	35	40	35	40	35	40	35	40
	MW	35	40	35	40	35	40	35	40	35	40
	LW	35	40	35	40	35	40	35	40	35	40
	ML	35	40	35	40	35	40	35	40	35	40
	HL	30	35	30	35	30	35	30	35	30	35
	XW	35	45	35	45	35	45	30	35	30	35
4'	VW	35	45	35	45	35	45	30	35	30	35
	MW	35	45	35	45	35	45	30	35	30	35
	LW	35	45	35	45	35	45	30	35	30	35
	ML	35	45	35	45	35	45	30	35	30	35
	HL	35	40	35	40	35	40	25	30	30	35
	VL	30	30	30	30	30	30	30	30	—	—
	XL*	25	25	25	25	25	25	25	25	—	—
8'	XW	35	45	35	45	35	45	30	35	30	35
	VW	35	45	35	45	35	45	30	35	30	35
	MW	35	45	35	45	35	45	30	35	30	35
	LW	35	45	35	45	35	45	30	35	30	35
	ML	35	45	35	45	35	45	30	35	30	35
	VL	30	30	30	30	30	30	30	30	—	—
	XL*	25	25	25	25	25	25	25	25	—	—

*XL not available with thru wire

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MPS

MULTIPURPOSE LINEAR

CONTROLS

NX Distributed Intelligence™ Lighting Controls:

Supports both indoor and outdoor applications in a variety of deployment options- wired, wireless, hybrid.
Integrates with and enables a wide array of luminaires including those with SpectraSync™ Color Tuning Technology.

NX DISTRIBUTED™ INTELLIGENCE

NX INTEGRATED CONTROLS REFERENCE								
NX Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0–10V Dimming	On/off Control	Bluetooth® App Programming
NX Standalone								
NXS	NXSMP-SMI	No	Yes	Yes	Yes	Yes	Yes	Yes
NX Networked – Wired								
NXE	N/A	Yes	Yes	No	No	Yes	Yes	Requires NXBTC/R[1]
NXES	NXSMP-SMI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NX Networked – Wireless								
NXSW	NXSMP-SMI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NXWE	N/A	Yes	Yes	No	No	Yes	Yes	No[2]

1 NXBTC/R needs to be plugged into an available NX SmartPORT™ on the fixture network
2 To program NXWE option, need to consult factory. If connected to an area controller, programming can be done from that

Philips EasySense Controls ODPG Sensor:

- Occupancy sensing, daylight harvesting, task tuning and grouping in one device
- Standalone control or grouping to wireless switches[1]
- Uses Philips field apps for on site commissioning[2,3]
- Ability to create scenes for various room configurations
- Cost-effective solution for energy-savings and code-compliancy strategies
- DLC® Qualified: Listed on the QPL for Networked Lighting Controls. Please refer to the DLC website for specific product qualifications at www.designlights.org

1 Wireless switches only compatible with ODPG Philips EasySense
2 See link to Philips commssioning
3 Requires android device or IR dongle. See links for phone compatiblity and IR dongle

Wireless Switch Accessories[1]

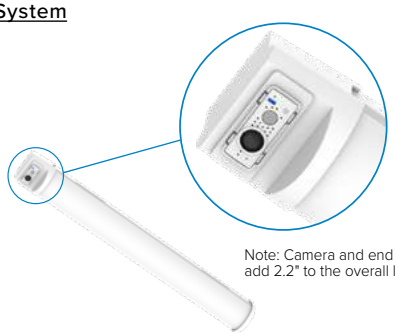
☐	PESR-WH	EasySense compatible wireless single rocker switch, white
☐	PEDR-WH	EasySense compatible wireless dual rocker switch, white

SPECTRASAFE

SpectraSAFE™ Integrated Surveillance Lighting System

Technical Features

- High resolution 1080p full HD camera
- 2.8mm lens / 140° field of view
- IR emitter for low / no-light conditions
- Multiple wiring configurations available
- Supports 2-way audio communication
- Supports 2.4GHz WPA-PSK/WPA2-PSK Wi-Fi
- Data encrypted using AES 256 standard
- Low power consumption (2-5W)
- Transmissions secured using Open TLS / SSL



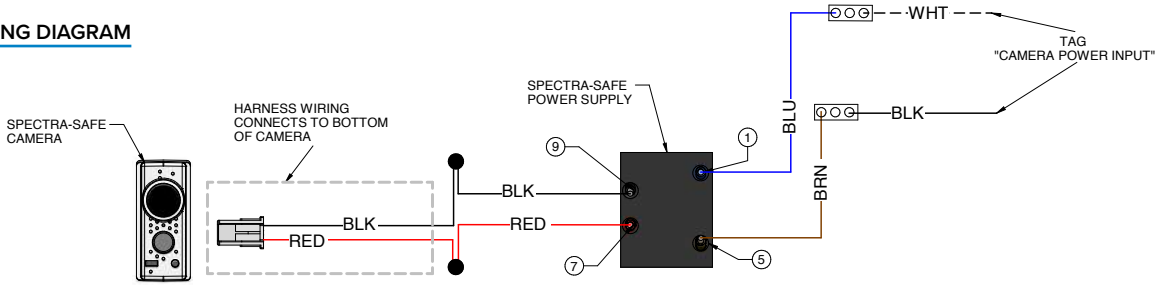
Note: Camera and end cap add 2.2" to the overall length.

Software & Support

- Free Android, iOS and web-based app
- Versatile and supports multiple applications
- Multi-tenant web-based camera application
- Phone and in-app chat technical support
- Scalable cloud services and video storage
- Supported by a 5-year warranty

SPECTRASAFE WIRING DIAGRAM

Power Supply	
Pin Connections	
Pin#	Single
1	VAC in (N)
5	VAC in (L)
7	+Vout
9	-Vout



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CONTROLS (CONTINUED)

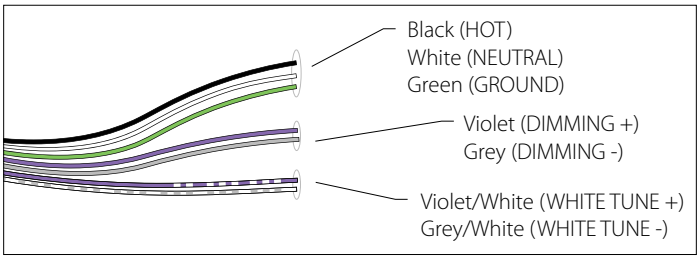
SpectraSync™ Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

SPECTRASYNC COLOR TUNING TECHNOLOGY		
Mode	Kelvin Range	Description
Tunable White	2700K–5000K 2700K–6500K	Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space

SpectraSync Tunable White

Available in two options: 2750T (2700K–5000K) or 2765T (2700K–6500K). Requires two 0–10V controllers, one for intensity and one for CCT. Minimum 5% dimming.

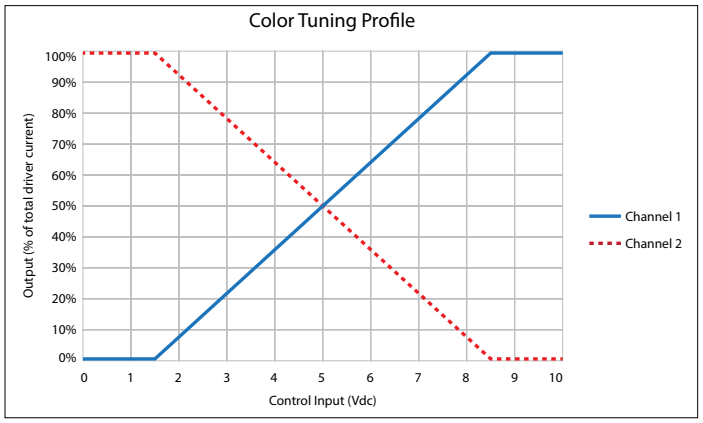


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and grey circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and grey/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

Controller Manufacturer Data

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- Hubbell Control Solutions (HCS): NX Distributed Intelligence™ Room Controllers (NXRC) and In-fixture Controllers (NXFM)
- Lutron: DVTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



To enable scheduling and for use with NX wall control preset stations please refer to Hubbell Control Solutions NX SpectraSync technical sheet.

SPECTRASYNC™ AND NX AVAILABILITY TABLE

		Only With 80 CRI			Only With 80 CRI		
		No Battery Pack			With Battery Pack		
Size	Lumen package	CTC	NX	CTC+NX	CTC	NX	CTC+NX
2ft	VW	Y	Y	N	—	—	—
	MW	Y	Y	N	—	—	—
	LW	Y	Y	N	—	—	—
	ML	N	Y	N	—	—	—
	HL	N	Y	N	—	—	—
4ft	XW	Y	Y	Y	Y	Y	Y
	VW	Y	Y	Y	Y	Y	Y
	MW	Y	Y	Y	Y	Y	Y
	LW	Y	Y	Y	Y	Y	Y
	ML	Y	Y	Y	Y	Y	Y
	HL	Y	Y	Y	Y	Y	Y
	VL	N	Y	N	N	Y	N
	XL	N	Y	N	N	Y	N
8ft	XW	Y	Y	Y	Y	Y	Y
	VW	Y	Y	Y	Y	Y	Y
	MW	N	Y	N	N	Y	N
	LW	N	Y	N	N	Y	N
	ML	N	Y	N	N	Y	N
	HL	N	Y	N	N	Y	N
	VL	N	Y	N	N	Y	N
	XL	N	Y	N	N	Y	N

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

DELIVERED LUMENS

STANDARD EFFICACY PERFORMANCE TABLE						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	INPUT WATTS	LPW
MPS2-VW	3500K	Curve	Wide	1659	13.8	120
			Narrow	1597	13.5	118
		Flat	Wide	1584	13.5	117
		No Lens		1724	13.8	125
	4000K	Curve	Wide	1681	13.8	122
			Narrow	1618	13.5	120
		Flat	Wide	1604	13.5	119
		No Lens		1746	13.8	127
MPS2-MW	3500K	Curve	Wide	2201	18.2	121
			Narrow	2092	17.8	118
		Flat	Wide	2076	17.8	117
		No Lens		2287	18.2	126
	4000K	Curve	Wide	2229	18.2	122
			Narrow	2119	17.8	119
		Flat	Wide	2102	17.8	118
		No Lens		2316	18.2	127
MPS2-LW	3500K	Curve	Wide	2444	20.4	120
			Narrow	2328	19.9	117
		Flat	Wide	2309	19.9	116
		No Lens		2540	20.4	124
	4000K	Curve	Wide	2475	20.4	121
			Narrow	2358	19.9	118
		Flat	Wide	2338	19.9	118
		No Lens		2572	20.4	126
MPS2-ML	3500K	Curve	Wide	3452	29	119
			Narrow	3447	28.8	120
		Flat	Wide	3414	28.8	119
		No Lens		3587	29	124
	4000K	Curve	Wide	3496	29	121
			Narrow	3491	28.8	121
		Flat	Wide	3458	28.8	120
		No Lens		3632	29	125
MPS2-HL	3500K	Curve	Wide	3655	31.7	115
			Narrow	3707	31.5	118
		Flat	Wide	3678	31.5	117
		No Lens		3797	31.7	120
	4000K	Curve	Wide	3701	31.7	117
			Narrow	3754	31.5	119
		Flat	Wide	3725	31.5	118
		No Lens		3846	31.7	121
MPS4-XW	3500K	Curve	Wide	2574	20	129
			Narrow	2574	20	129
		Flat	Wide	2463	20	123
		No Lens		2674	20	134
	4000K	Curve	Wide	2606	20	130
			Narrow	2574	20	129
		Flat	Wide	2494	20	125
		No Lens		2708	20	135
MPS4-VW	3500K	Curve	Wide	3279	26.7	123
			Narrow	3152	26.5	119
		Flat	Wide	3134	26.5	118
		No Lens		3450	26.7	129
	4000K	Curve	Wide	3321	26.7	124
			Narrow	3192	26.5	120
		Flat	Wide	3174	26.5	120
		No Lens		3564	26.7	133
MPS4-MW	3500K	Curve	Wide	3656	30.4	120
			Narrow	3511	30.1	117
		Flat	Wide	3491	30.1	116
		No Lens		3847	30.4	127
	4000K	Curve	Wide	3702	30.4	122
			Narrow	3556	30.1	118
		Flat	Wide	3535	30.1	117
		No Lens		3974	30.4	131
MPS4-LW	3500K	Curve	Wide	4043	34.4	118
			Narrow	4094	32.5	126
		Flat	Wide	4072	32.5	125
		No Lens		4255	34.4	124
	4000K	Curve	Wide	4095	34.4	119
			Narrow	4147	32.5	128
		Flat	Wide	4124	32.5	127
		No Lens		4395	34.4	128

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DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	INPUT WATTS	LPW
MPS4-ML	3500K	Curve	Wide	4556	40.1	114
			Narrow	4649	37.7	123
		Flat	Wide	4625	37.8	122
		No Lens		4794	40.1	120
	4000K	Curve	Wide	4614	40.1	115
			Narrow	4709	37.7	125
		Flat	Wide	4684	37.8	124
		No Lens		4952	40.1	123
MPS4-HL	3500K	Curve	Wide	5760	49.5	116
			Narrow	5781	49.4	117
		Flat	Wide	5741	49.4	116
		No Lens		6061	49.5	122
	4000K	Curve	Wide	5833	49.5	118
			Narrow	5855	49.4	119
		Flat	Wide	5814	49.4	118
		No Lens		6261	49.5	126
MPS4-VL	3500K	Curve	Wide	6769	54.1	125
			Narrow	6675	54.1	123
		Flat	Wide	6637	54.1	123
		No Lens		7122	54.1	132
	4000K	Curve	Wide	6855	54.1	127
			Narrow	6760	54.1	125
		Flat	Wide	6722	54.1	124
		No Lens		7357	54.1	136
MPS4-XL	3500K	Curve	Wide	8045	66.5	121
			Narrow	7878	66.8	118
		Flat	Wide	7813	66.9	117
		No Lens		8466	66.5	127
	4000K	Curve	Wide	8148	66.5	123
			Narrow	7979	66.8	119
		Flat	Wide	7913	66.9	118
		No Lens		8745	66.5	132
MPS8-XW	3500K	Curve	Wide	5147	40	129
			Narrow	4939	39.8	124
		Flat	Wide	4925	40	123
		No Lens		5348	40	134
	4000K	Curve	Wide	5213	40	130
			Narrow	5002	39.8	126
		Flat	Wide	4988	40	125
		No Lens		5416	40	135
MPS8-VW	3500K	Curve	Wide	6558	53.4	123
			Narrow	6303	53	119
		Flat	Wide	6269	53	118
		No Lens		6814	53.4	128
	4000K	Curve	Wide	6642	53.4	124
			Narrow	6384	53	120
		Flat	Wide	6349	53	120
		No Lens		6901	53.4	129
MPS8-MW	3500K	Curve	Wide	7311	60.8	120
			Narrow	7022	60.2	117
		Flat	Wide	6981	60.2	116
		No Lens		7596	60.8	125
	4000K	Curve	Wide	7405	60.8	122
			Narrow	7112	60.2	118
		Flat	Wide	7071	60.2	117
		No Lens		7693	60.8	127
MPS8-LW	3500K	Curve	Wide	8087	68.8	118
			Narrow	8189	65	126
		Flat	Wide	8144	65	125
		No Lens		8402	68.8	122
	4000K	Curve	Wide	8190	68.8	119
			Narrow	8293	65	128
		Flat	Wide	8248	65	127
		No Lens		8510	68.8	124
MPS8-ML	3500K	Curve	Wide	9111	80.2	114
			Narrow	9298	75.4	123
		Flat	Wide	9250	75.6	122
		No Lens		9466	80.2	118
	4000K	Curve	Wide	9227	80.2	115
			Narrow	9417	75.4	125
		Flat	Wide	9368	75.6	124
		No Lens		9587	80.2	120

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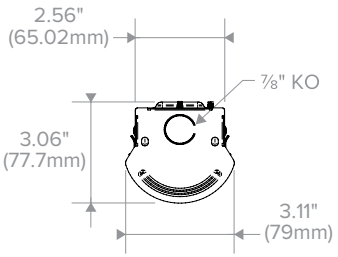
DELIVERED LUMENS (CONTINUED)

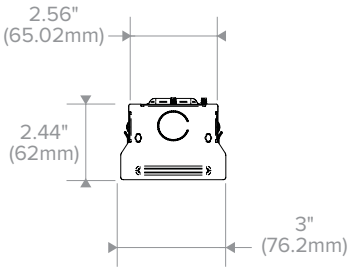
STANDARD EFFICACY PERFORMANCE TABLE						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	INPUT WATTS	LPW
MPS8-HL	3500K	Curve	Wide	11520	99	116
			Narrow	11562	98.8	117
		Flat	Wide	11481	98.8	116
		No Lens		11969	99	121
	4000K	Curve	Wide	11667	99	118
			Narrow	11710	98.8	119
		Flat	Wide	11628	98.8	118
		No Lens		12122	99	122
MPS8-VL	3500K	Curve	Wide	13537	108.2	125
			Narrow	13350	108.2	123
		Flat	Wide	13275	108.2	123
		No Lens		14065	108.2	130
	4000K	Curve	Wide	13710	108.2	127
			Narrow	13521	108.2	125
		Flat	Wide	13444	108.2	124
		No Lens		14245	108.2	132
MPS8-XL	3500K	Curve	Wide	16091	133	121
			Narrow	15757	133.6	118
		Flat	Wide	15626	133.8	117
		No Lens		16718	133	126
	4000K	Curve	Wide	16296	133	123
			Narrow	15958	133.6	119
		Flat	Wide	15826	133.8	118
		No Lens		16932	133	127

DIMENSIONS

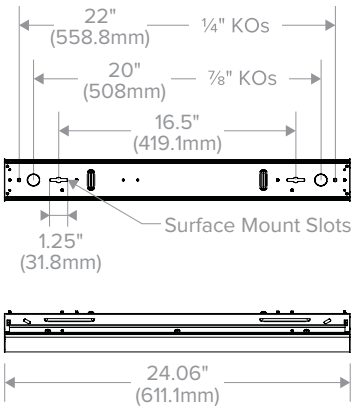
MPS END View - Curve Lens



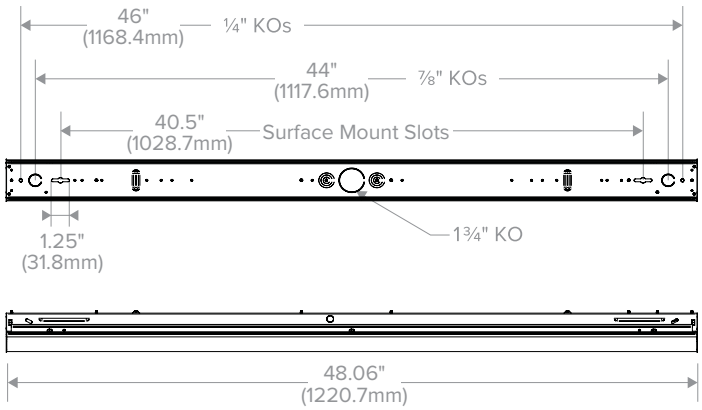
MPS END View - FLAT Lens



MPS 2' Dimensions



MPS 4' Dimensions



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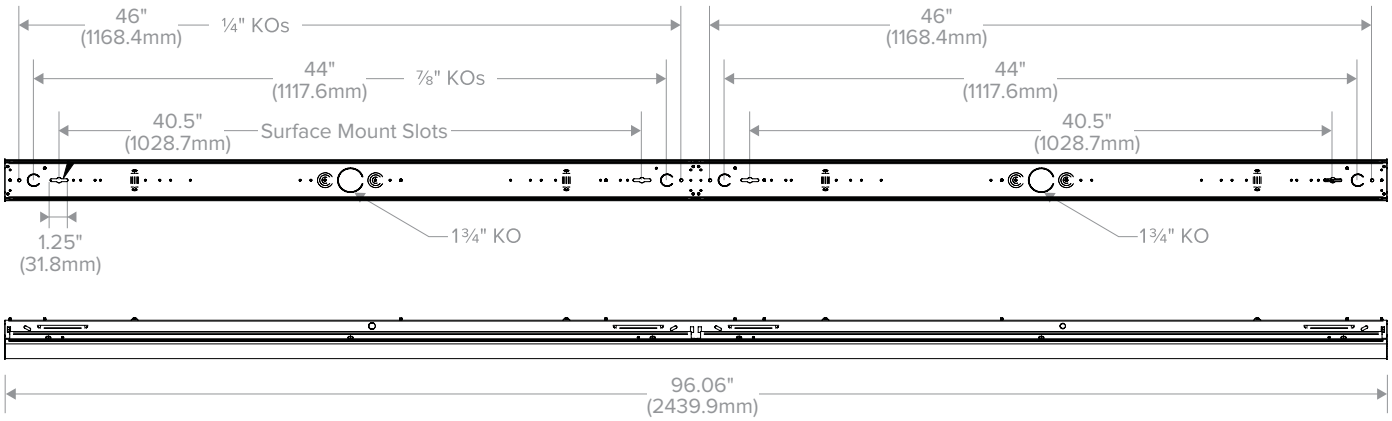
MPS

MULTIPURPOSE LINEAR

DIMENSIONS (CONTINUED)

MPS 8' Dimensions



PHOTOMETRY

MPS4-40ML-CN-EDU

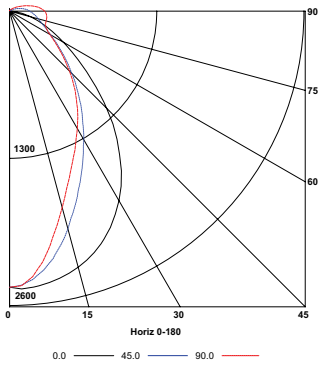
LUMINAIRE DATA

Test No.	**19735**
Description	**MultiPurpose Linear, Narrow, LED 4ft, Frosted Linear Prismed Lens**
Delivered Lumens	**4742**
Watts	**37.70**
Efficacy	**126**
Mounting	**Surface**
Spacing Criterion	**0° = 1.18 90° = 1.77**

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1542	32.5
0–40	2326	49.1
0–60	3518	74.2
0–90	4385	92.5
0–180	4742	100

POLAR GRAPH



MPS4-40ML-CW-EDU

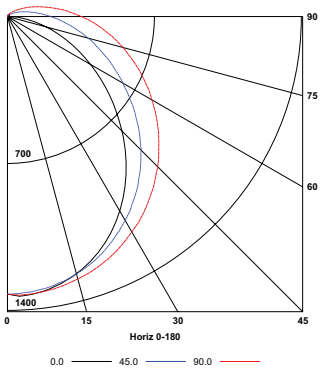
LUMINAIRE DATA

Test No.	**19600**
Description	**MultiPurpose Linear, Wide, LED 4ft, Frosted Linear Prismed Lens**
Delivered Lumens	**4615**
Watts	**40.10**
Efficacy	**115**
Mounting	**Surface**
Spacing Criterion	**0° = 1.20 90° = 1.33**

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1029	22.3
0–40	1688	36.6
0–60	3019	65.4
0–90	4248	92
0–180	4615	100

POLAR GRAPH



PHOTOMETRY
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Columbia LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

PHOTOMETRY (CONTINUED)

MPS4-40ML-FW-EDU

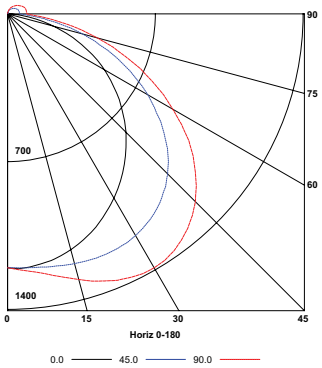
LUMINAIRE DATA

Test No.	**19652**
Description	**MultiPurpose Linear, Wide, LED 4ft, Frosted Linear Prismed Lens**
Delivered Lumens	**4685**
Watts	**37.80**
Efficacy	**124**
Mounting	**Surface**
Spacing Criterion	**0° = 1.24 90° = 1.67**

ZONAL LUMEN SUMMARY

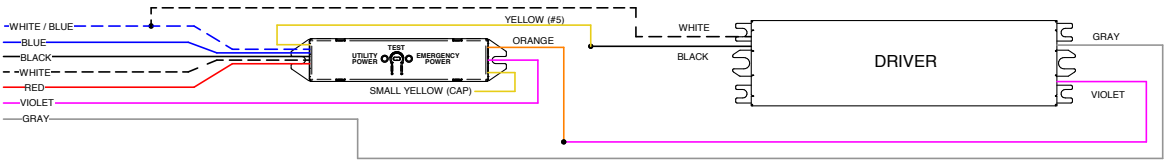
Zone	Lumens	% Luminaire
0–30	1026	21.9
0–40	1756	37.5
0–60	3324	70.9
0–90	4435	94.7
0–180	4685	100

POLAR GRAPH



ADDITIONAL INFORMATION

DTS WIRING DIAGRAM (0–10V DIMMING DRIVER SHOWN)



WHITE/BLUE	Emergency Neutral
BLUE	Emergency Line
BLACK	Utility Line (Unswitched Hot)
WHITE	Utility Neutral
RED	Switched Hot
VIOLET	Dimming
GRAY	Dimming

IES PDF DTS Integration Guide

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Roll over image to zoom.

Product Image Feedback

Compare

APPROVED VENDOR Light Panel: Smooth, Polycarbonate, 4 ft Lg, 2 ft Wd, 1/8 in Thick, Opal, 2 PK

Item **60UR01** Mfr. Model **ZUSA-LDP-15A**

Quantity **Small Pack**

Large Pack | Small Pack

RESTROOM LENSES

Product Details

Catalog Page 454

Brand **APPROVED VENDOR**	Material **Polycarbonate**
Manufacturer Part Number **ZUSA-LDP-15A**	Nominal Length **4 ft**
Ambient Temperature - Minimum **-4 °F**	Nominal Width **2 ft**
Ambient Temperature - Maximum **240 °F**	Overall Height **1/8 in**
Clarity **Milky**	Overall Length **48 in**
Color **Opal**	Overall Width **24 in**
Description/Special Features **UV-Stabilized**	Panel Thickness **1/8 in**
Diffuser Surface Style **Smooth**	Product Type **Light Panel**
Flammability Rating **Meets UL94 V-2**	UNSPSC **39111501**
Light Transmission **65 %**	Country of Origin **China (subject to change)**

Product Description

Smooth pattern light diffusers act as a pass-through for minimal softening of light from panels and troffers in retail stores, conference rooms, and private offices. They provide a clean look with a sharper light output than other diffuser patterns.

Product Details Feedback