



LDC
University Place
Mall
FB1
Proj.# 180.02

Flexible Lighting System promotes layout design flexibility, standard junction box termination & no driver to hide, allowing easy integration in architectural spaces

FEATURES



OUTPUT

Low: 2W / 200 Lumens per foot
Standard: 3.5W / 375 lumens per foot
High: 5W / 580 lumens per foot
Lumen outputs based on 3000K / 80 CRI
See Lumen factor chart for other CCT's.

DRIVER

No Remote Driver. Onboard 120V Microdriver compatible with ELV dimming. Triac dimming available by request only, consult factory for dimmer compatibility.

OPTICS

Patent pending co-extruded white PVC reflector for beam control and optimal light extraction.

OPTIONS

- 10kv Surge protection module (1 per AC feed)
- Remote Thermistor for overheating protection in outdoor applications where temperature could exceed 100F.

CONNECTORS

Indoor Connector:

Patented, Direct BX connection for code compliant commercial installations. Available in straight, 90 degree, and cove tilt feed options.

5' feed cord is standard .

15' feed cord optional.

Outdoor Connector:

IP66 rated, SJ Cord connection with strain relief. Ships with Heyco liquid tight cord grip for junction box termination.

Portable Cord and Plug Option:

Wet Location SJ cord with 2 prong plug.

5' feed cord is standard .

15' feed cord optional.

MOUNTING OPTIONS

- Adjustable Stainless Steel Hat Clip (2 per foot)
- Fixed Stainless Steel Hat Clip (2 per foot)
- Polycarbonate continuous rigid channel available in clear or white.
- Polycarbonate Flex Track
- 45 Degree Cove Tilt Track

HOUSING

Extruded thermoplastic jacket with PVC end caps. Cuttable every 4" and terminated to customer specified run lengths. 100' Rolls are standard stocked length. Custom Roll sizes available, consult factory for lead time.

SOURCE

2.5 Step Macadam Color binning for consistent color over long runs.

Proprietary VGS binning for output consistency with AC line fluctuation.

Standard CCT's 2700K, 3000K, 3500K, 4000K, 5000K.

6500K available by special order, consult factory.

Standard 80 CRI, 90 CRI optional for 2700k-4000k CCT.

CERTIFICATIONS

ETL / cETL Listed for hardwire in accordance with UL1598

UL 2108 Wet location listed for Cord and Plug portable option

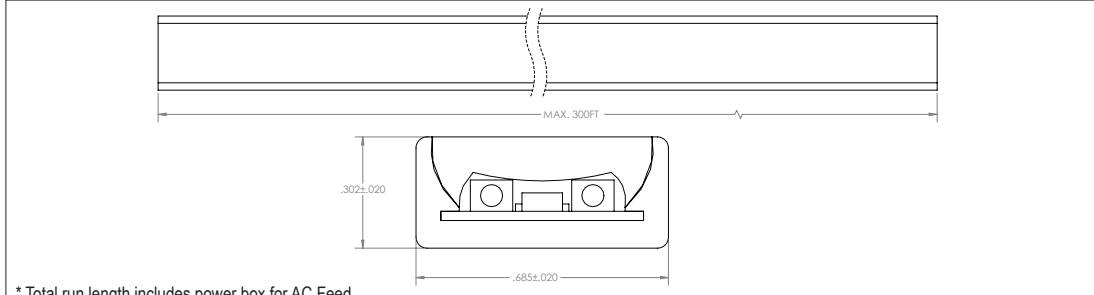
IP66 Rated Outdoor Hardware

US Patent 10,557,623

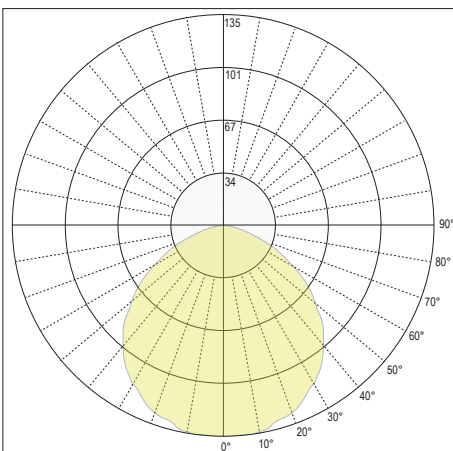
Other patents pending

TECHNICAL DRAWINGS

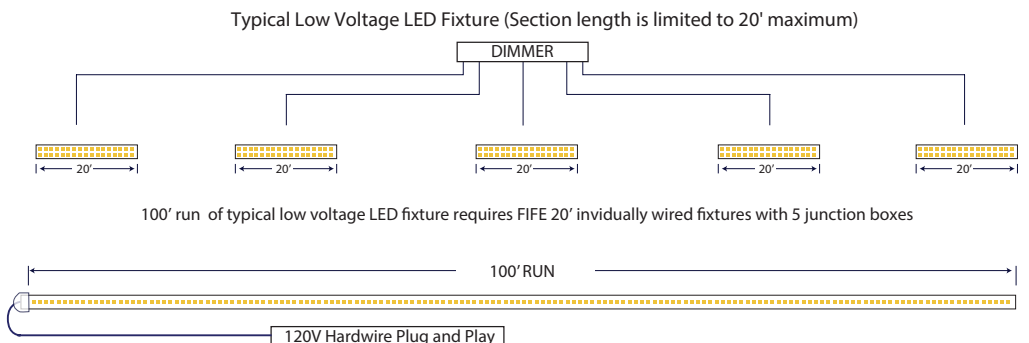
LUMEN FACTOR	
CCT	MULTIPLIER
2700K	0.96
3000K	1
3500K	1.03
4000K	1.05
4500K	1.05
5000K	1.05
6500K	1.05



PHOTOMETRICS



100' FIXTURE RUN COMPETITIVE COMPARISON

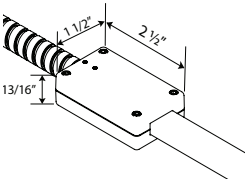


SaberFlex AC has a max run length of 100' from one voltage feed
** Max run includes all runs chained together with our linking adapter.

POWER FEED OPTIONS

STANDARD POWER FEED*

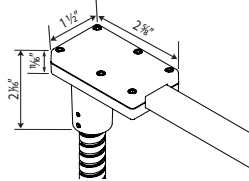
For Cove, Under Cabinet, or Surface Mount installation with code compliant BX Terminator + Strain Relief.



*BX Power feeds are for indoor applications only and are not compatible with any outdoor accessories.

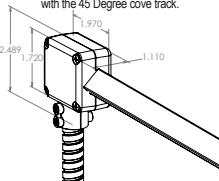
RIGHT ANGLE POWER FEED*

Can be used in any orientation to meet design requirements. Specify LED face down (D) or up (U). Standard is LED facing away from right angle feed.

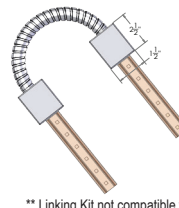


COVE CONNECTOR 45 DEGREE BX CONNECTOR*

Can be used in many orientations. All cove connector installations require approved submission drawings prior to shipment. Used in conjunction with the 45 Degree cove track.

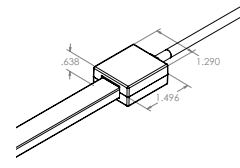


BX LINKING KIT**

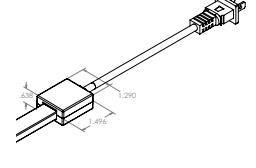


** Linking Kit not compatible with IP connectors or outdoor applications.

IP RATED CONNECTOR WITHOUT PLUG.

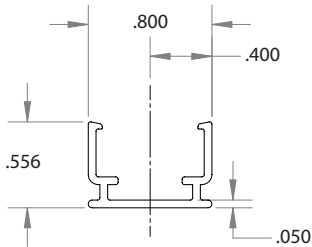


IP RATED CONNECTOR WITH PLUG.



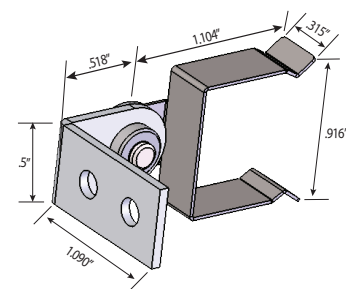
ACCESSORIES

STANDARD MOUNTING TRACK



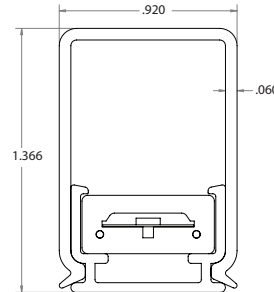
MULTI ANGLE MOUNTING CLIP

Adjustable spring steel clip for setting beam angle or cove installations. Used in conjunction with Flex or Standard Track. Recommended 2 per foot



BOX LENS

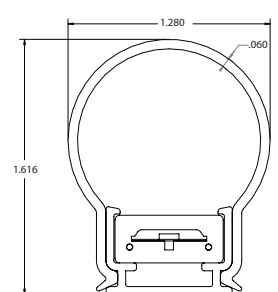
Snap over rectangular lens with side light. Satinice acrylic, 87% transmissive.



* Lenses are not compatible with the IP connector and are designed for indoor use only. Consult factory for custom outdoor lens configurations.

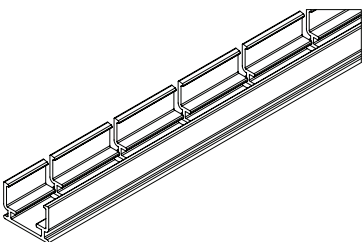
ROUND LENS

Snap over round lens with side light. Satinice acrylic, 87% transmissive.

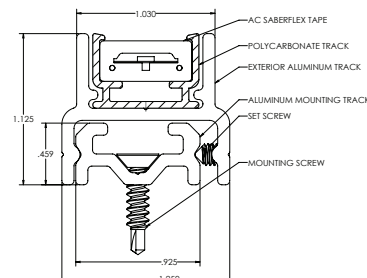


FLEX TRACK

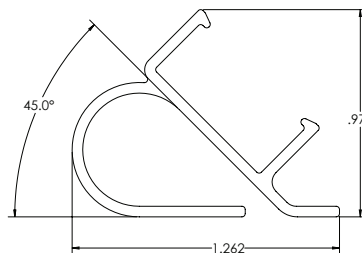
Flex track mates with standard track, allows for wavy or curved installations. Available in vertical (PCTF) bending only.



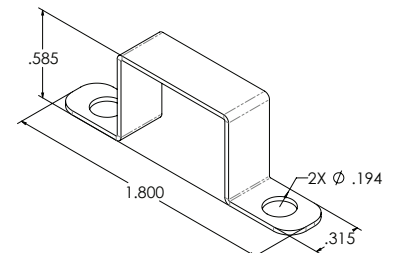
OUTDOOR ALUMINUM CHANNEL WITH MOUNTING TRACK



45 DEGREE COVE TRACK



STAINLESS STEEL HAT CLIP



ORDERING INFORMATION

SFAC

SERIES	CRI	COLOR	OUTPUT	LENGTH	POWER FEED	CONTROL	MOUNTING	ACCESSORIES
SFAC - SaberFlex AC	8 - 80 CRI minimum 9 - 90 CRI minimum*	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K**	L - Low output (200Lm/Ft) S - Standard output (375Lm/Ft) H - High output (580Lm/Ft)	RUN***	BX - Standard Straight BX BXRAD - Right angle BX LED down BXRAU - Right angle BX LED up BX45 - 45 Degree BX IP - Standard IP IPCP - Straight IP with 5Ft Cord and Plug	STD - ELV Dimming T - Triac Dimming (consult factory)****	SSC - Multiangle Stainless Clip SHC - Stainless Steel Hat Clip PCT - Clear PC Continuous Track PCTW - White PC Continuous track PCTF - PC Flex Track PCT45 - 45 Degree Tilt Cove Track AT - Outdoor Aluminum Track	BL - Snap on box lens***** RL - Snap on round lens***** SP - Surge Protector 15 - 15' feed cord Other - Consult Factory LDCM - 0-10V Dimming Converter TH - Remote Termistor LC - BX Linking connector kit

Sample Number: SFAC-8-27-S-RUN-BX-STD-PCT-RL

NOTES

- *90 CRI option available on 2700k - 4000k only
- **Special orders only - consult factory
- ***Includes length of connector power feed box
- ****Triac Dimming is special order only at Apogee's discretion, consult factory
- *****BL & RL require standard mounting track. Flex track, aluminum outdoor track and 45 degree track are not compatible

Products/Architectural Lighting /SaberFlex AC

Project Name:

Specifier:

Fixture Type:

Location:

Rep Agency:

Product Code:

KLIIK LEDpod™ XL50 Patented

Description

Minimalist point source LED fixture with multiple outputs for use in hollow metal structures such as guard rails, awnings, canopies and custom luminaires.

Housing

Clear anodized aluminum body as standard. Color-match anodized as an option, consult factory.

Aluminum body has a fine 25-micron finish and is hard-coat anodized, thus preventing galvanic corrosion.

Mounting

Unique concealed internal mounting wings hold the fixture in place, deployed via unobtrusive screw holes with patent-pending anti-tamper screws.

- Tube Size:
 - XL50 Flat: RHS min 2.75" height, Max. wall .3125"
 - XL50R50: Ø 3" - 5", Max. wall .3125"
 - XL50R85: Ø 6" - 8", Max. wall .3125"
 - Other sizes available upon request
- Cut Out: 48mm (1.90")
- Weight: 0.43 LBS

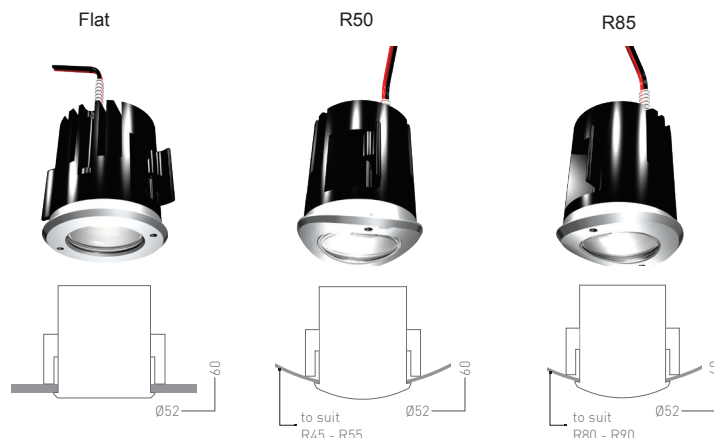
Electrical/LED Driver

- Input Voltage: 24 VDC
- Operating Temp: -40 to 120° F
- Efficiency: Up to 120 lm/W
- Driver: Must use class 2 driver
 - Primary Driver: 110 - 277 VAC UL Listed Constant Voltage
 - Secondary Driver: Constant Current (provided with fixture)
- Control: DALI, 0-10V, DMX
 - DMX control typically for dimming only; Contact factory for addressable and RGBW options
- Enclosure: Minimum NEMA2 for indoor, NEMA 3R for outdoor
- Wire connectors provided; factory wire-harness available, consult factory

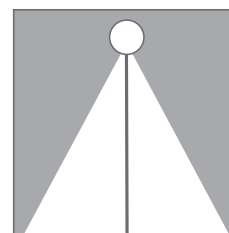
*Please note, all KLIIK fixtures are now dimmable as standard

Listings

- ETL listed, UL 1598/CSA 22.2; CE
- cETL
- IP65 rated All IP rated luminaires tested to AS60529-2004 Degrees of protection provided by enclosures (IP Code)
- Class 3 device
- Wet location rated



Commack Library Photo by Ola Wilk/
Wilk Marketing Communications



Symmetric



Product Codes

Follow the steps to specify your fixture. Enter Product Code in field at top of page. Example: LPXL50F0027K2.3SSPT

Fixture Type	Size	Bezel Profile	Color	Wattage	Distribution	Optic	Lens ^{1,2}	Custom Bezel ^{1,2}
LPXL LEDpod XL	50 Drill 1.90" Hole	F00 Flat R50 50mmR R85 85mmR	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K RED Red GRN Green BLU Blue AMB Amber PCA PC Amber RGB RGBW ²	2.3 2.3 Watts 3.2 3.2 Watts 4.5 4.5 Watts 6.6 6.6 Watts 7.5 7.5 Watts	S Symmetric	SPT Spot NFL Narrow Flood FLD Flood SPTRFL Spot Reflector NFLRFL Narrow Flood Reflector FLDRFL Flood Reflector	Clear lens standard FRS Frosted (only optic FLDRFL)	DUL DULUX Colors (request color guide) ANO Anodize SPC Standard Powdercoat SHR Diode shroud for horizontal mount

1. Additional charges and lead time apply for this feature.

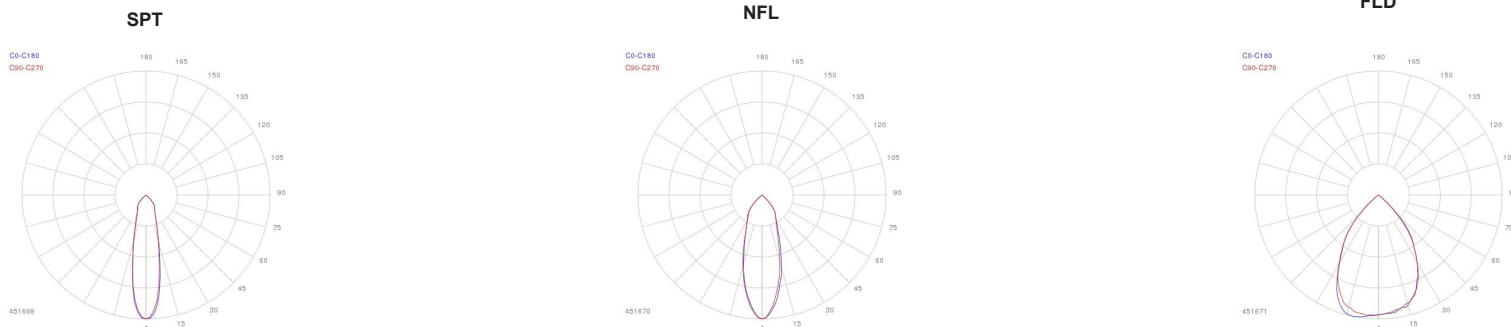
2. Contact factory

Project Name:	Location:
Specifier:	Rep Agency:
Fixture Type:	Product Code:

LED Performance

LED: Cree XT-E
CCT: 2700, 3000, 4000 (others available)

CRI: 80-85
Life: 80% at 50k hrs and 85° C

Binning: 3 MacAdam Steps
Warranty: 5 Year Warranty


Optics			Lens			Reflector		
Beam Angle			SP spot 26°	NFL narrow flood 32°	FL flood 62°	SP spot 24°	NFL narrow flood 30°	FL flood 64°
LOR defined by optics			78	77	78	90	87	88
lm	w	mA	System Lumens @4000K					
300	2.3	350	234	231	234	270	260	264
375	3.1	500	293	289	293	338	325	330
525	4.4	700	410	405	410	473	456	462
690	6.3	1000	539	532	539	621	600	607
810	7.5	1200	632	624	632	729	704	712

Remote Mounting Distance

24 VDC 100W Driver:

- Up to 300' remote length from driver to first LED w/10ga wire
- Contact factory for detailed calculations
- Calculations based on 2' centers between pods at 700mA (2.5W).
- Increased spacing reduces number of pods per circuit.

Primary Driver

Secondary LED Driver

Spacing

Maximum KLIK LEDpods™ *

110 - 277 Primary Voltage Remotely Mounted Dimming Control 10" x 1.5" x 2"	1200mA	8'	9
	1000mA	8'	12
	700mA	8'	18
	500mA	8'	24
	350mA	8'	32

*Based on 16 AWG between LEDpods

Accessories

LP096WPRITRDIM	Class 2 IP67 driver, 110-277VAC to 24VDC constant voltage, 0-10 Dim
LP100WPRITRDIM	Class 2 Driver, Dimming, Input voltage = 120-277 VAC, Output voltage = 24 VDC, 5 year warranty
LPNEMA2ENCL	NEMA2 INDOOR enclosure for LP100WPRITRDIM, 12" x 3.3" x 2"
LPNEMA3RENCLJR	NEMA 3R Drip Proof Enclosure, 4 x 4 x 12 (IP32 Equivalent)
LPNEMA4ENCLJR	NEMA4 Watertight Enclosure, 6 x 4 x 12 (IP66 Equivalent); NEMA4X
LPNEMA6PENCL	Available NEMA 6P Submersible Enclosure 15" x 8" x 6" (IP67 Equivalent)

Additional driver & enclosure configurations available

Project Name:

Location:

Specifier:

Rep Agency:

Fixture Type:

Product Code:

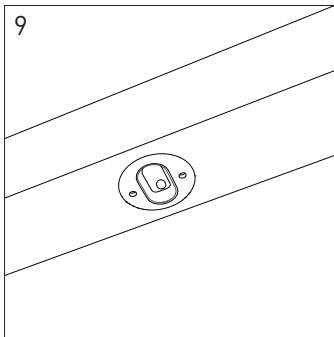
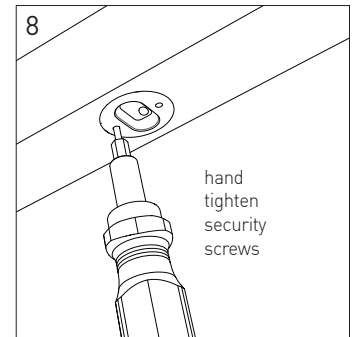
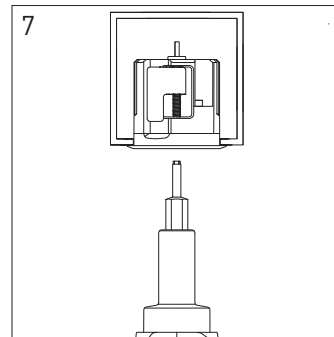
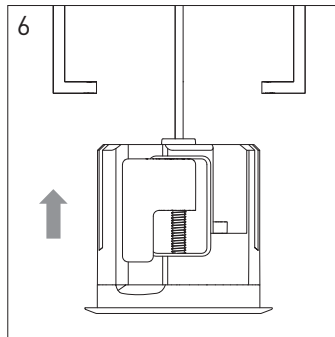
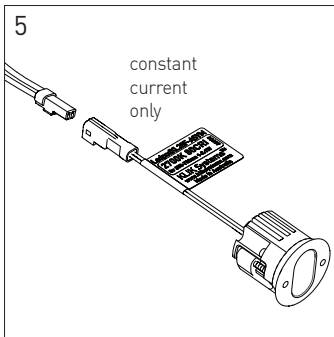
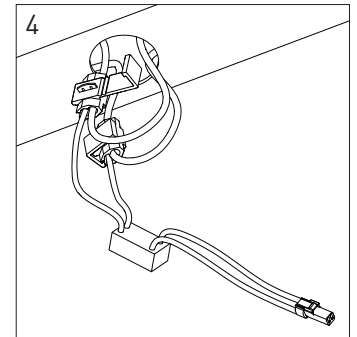
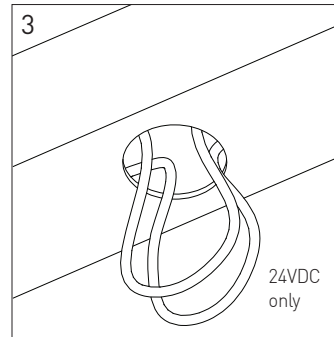
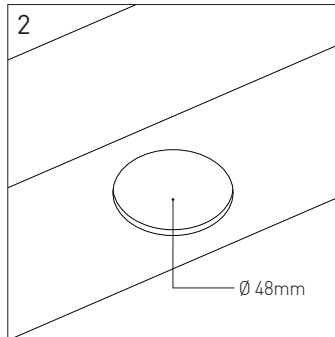
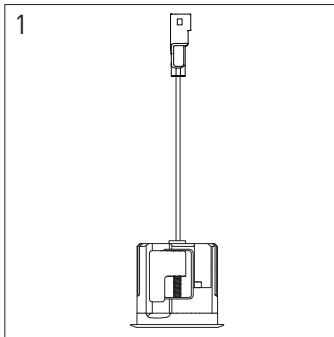
Installation Instructions Additional instructions may apply, consult factory.



Instruction Sheet

LEDpod XL50 · 24VDC

Dimensions
Ø 52 · h 60
Weight
0.088kg/m



Project Name:

Location:

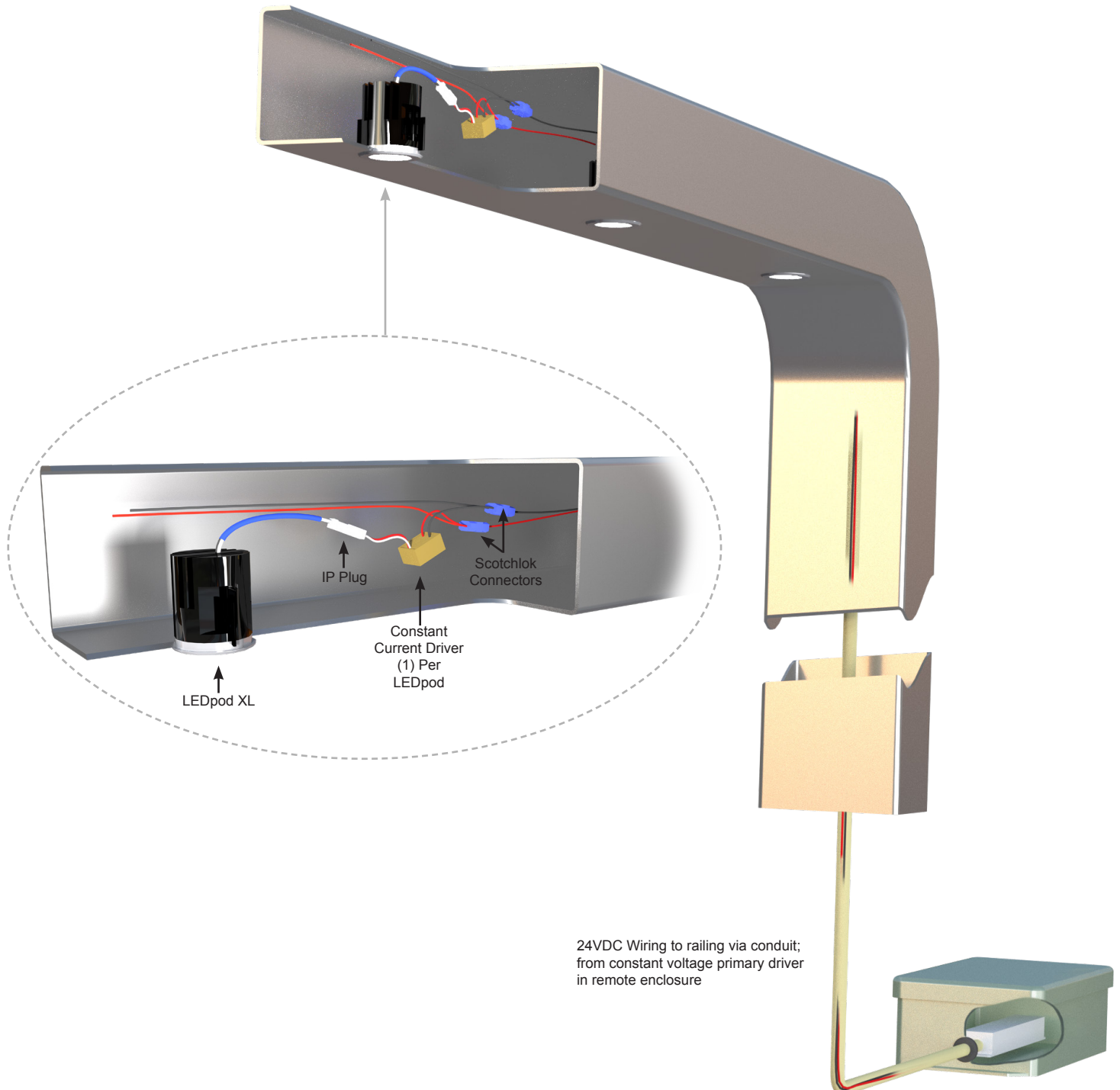
Specifier:

Rep Agency:

Fixture Type:

Product Code:

Wiring Diagram - Through Metal Structure



Project Name:

Location:

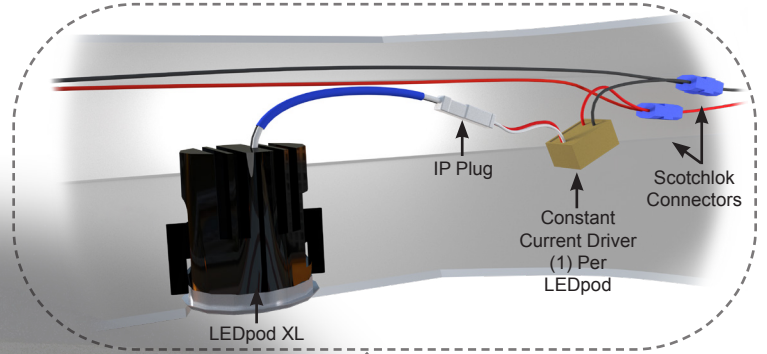
Specifier:

Rep Agency:

Fixture Type:

Product Code:

Wiring Diagram - Through Building



24VDC Wiring to railing via conduit;
from constant voltage primary driver
in remote enclosure



WAC LIGHTING

Rubix

Wall Mount 3000K

Model & Size	Color Temp & CRI	Watt	Lumens	Finish
☐ WS-W2509 Single	☐ 3000K 90	16W	805	☐ AL Brushed Aluminum
☐ WS-W2510 Double	☐ 3000K 90	30W	1385	☐ BK Black
				☐ BZ Bronze
				☐ GH Graphite
				☐ WT White

Example: **WS-W2509-AL**

TBD

DESCRIPTION

Available in single and twin light configurations, this die-cast aluminum LED wall luminaire is Wet Location listed for a broad range of exterior lighting applications. Designed with asquare profile, this version of Rubix mounts upwards or downwards.

FEATURES

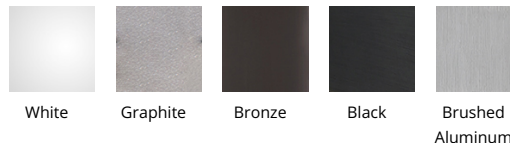
- 2509 Single, 2510 Double
- Driver concealed within the fixture
- 5 year warranty

SPECIFICATIONS

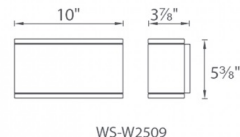
Construction:	Die-cast Aluminum
Power:	30W, 16W
Input:	120-277 VAC, 50/60Hz
Dimming:	ELV: 100-15% , 0-10V: 100-10%
Light Source:	Integrated LED
Rated Life:	70000 Hours
Mounting:	Mounts directly to junction box, Can be mounted on wall in all orientations
Finish:	Electrostatically Powder Coated: White, Graphite, Bronze, Black, Brushed Aluminum
Operating Temp:	-40°F to 122°F (-40°C to 50°C)
Standards:	UL, cUL, Wet Location Listed, IP65, Title 24 JA8-2019 Compliant, ADA



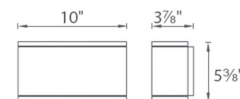
FINISHES:



LINE DRAWING:



WS-W2509



WS-W2510



SPEC-00272 UPDATED 08/11/2021

ECO 3" LED DOWNLIGHT

ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT

TYPE:

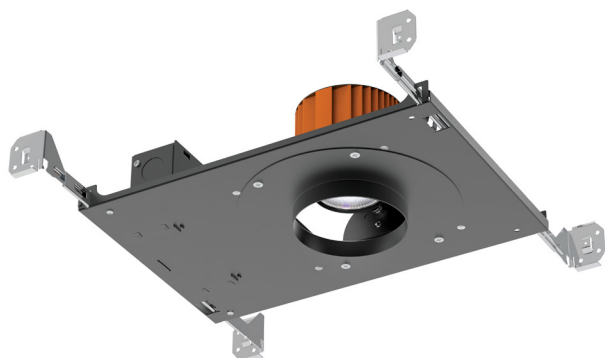
NOTE:

LDC

University Place
Mall

FB4

Proj.# 180.02



ECO FULL SERVICE RECESSED DOWNLIGHT SOLUTIONS

- ED3 – Up to 1929 Delivered Lumens, Universal Dimming Driver
- ED3L – Up to 1226 Delivered Lumens, Phase Control Driver
- ED3S – Shallow Plenum, Up to 1403 Delivered Lumens, Universal Dimming Driver

LED LIGHT ENGINE

RATED WATTAGE	21W, 15W, 12W
DELIVERED LUMENS	Up to 1929 lm
EFFICACY	Up to 108 LPW
CCT @ 90CRI	2700K, 3000K, 3500K, 4000K
COLOR QUALITY	90+ CRI, 2-Step SDCM
LED LIFETIME	55,000 hours @ L90

DELIVERED LUMENS MATRIX

ED3 (19.8W)	10° optic	30° optic	50° optic	80° optic
2700K (90CRI)	1669 lm	1744 lm	1592 lm	1125 lm
3000K (90CRI)	1803 lm	1884 lm	1720 lm	1216 lm
3500K (90CRI)	1846 lm	1929 lm	1761 lm	1244 lm
4000K (90CRI)	1900 lm	1985 lm	1812 lm	1281 lm

ED3S (14.1W)	10° optic	30° optic	50° optic	80° optic
2700K (90CRI)	1214 lm	1269 lm	1158 lm	819 lm
3000K (90CRI)	1312 lm	1371 lm	1252 lm	885 lm
3500K (90CRI)	1343 lm	1403 lm	1281 lm	905 lm
4000K (90CRI)	1382 lm	1445 lm	1319 lm	932 lm

ED3L (11.3W)	10° optic	30° optic	50° optic	80° optic
2700K (90CRI)	1061 lm	1108 lm	1012 lm	715 lm
3000K (90CRI)	1146 lm	1198 lm	1093 lm	773 lm
3500K (90CRI)	1173 lm	1226 lm	1119 lm	791 lm
4000K (90CRI)	1207 lm	1262 lm	1152 lm	814 lm

- The Overachiever, recessed downlight system
- Silent Vu™ Optics Technology provides exceptional light performance with minimal glare
- Fixed or easily adjustable, installs in low plenum spaces

SILENT VU™ OPTICS TECHNOLOGY

OPTICS	50° Installed, 10°, 30°, 80° available
ADJUSTABLE	0° to 45° tilt (Adjustable housings only)
MEDIA	Clear, Solite, Frosted, Linear Spread

POWER SUPPLY

INPUT VOLTAGE	120/277V, 50/60Hz
DIMMING	TRIAC, ELV, 0-10V, dims to 1%
SERVICABILITY	Below Ceiling Access

TRIM OPTIONS

- Fixed or Adjustable
- Round or Square
- Standard or Trimless
- Wall Wash
- Wet Location

TRIM COLORS

- White
- Black
- Champagne
- Champagne w/ White Flange
- Black w/ White Flange
- Silver w/ White Flange

HOUSING INSTALLATION

- New Construction includes (2) galvanized steel adjustable hanger bars
- Remodel option available
- ½" – 2" ceiling thickness
- Min Plenum Height: 2½" Shallow
- Ceiling Material: Drywall, T-bar grid
- Steel junction box with up to (4) ½" knockouts
- AIC/NIC/RIC/SNIC models are Air Tight
- AIC/SNIC models are CCEA compliant.
(Note: polycell spray-in foam insulation must be kept 3" from housing)

LISTINGS AND WARRANTY

cULus Listed	ASTM E283 Certified Airtight (AIC/NIC/RIC/SNIC Models)
UL Listed for Damp Location (All Styles)	UL Listed for Wet Location (Wet Location Trim Style)
IC Rated and Non IC Rated Available	CCEA (Chicago Plenum) Approved (AIC/SNIC Models)
Five (5) years limited warranty	CA Title 24-JA8 Compliant (AIC/NIC/RIC/SNIC Models)



WET LOCATION

DAMP LOCATION

IC RATED

AIRTIGHT

CCEA

DIMMABLE

JA8 TITLE 24 COMPLIANT 90 CRI OPTION ONLY

5 YEAR LIMITED WARRANTY





SPEC-00272 UPDATED 08/11/2021

ECO 3" LED DOWNLIGHTED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

NOTE: _____

ORDER MATRIX**ED3**

ECO 3" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED3AIC-309050-21S)

HOUSING BASE		LIGHT ENGINE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
☐ ED3 ECO 3"	☐ AIC* (Adj New Construction IC) ☐ ANC* (Adj New Construction) ☐ NC (New Construction) ☐ RM (Remodel)	☐ -27 (2700K) ☐ -30 (3000K) ☐ -35 (3500K) ☐ -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-21 (21W)	S Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)

* AIC and ANC: Trimless Style available, order associated Trimless Mudplate from Trim Accessories

ED3L

ECO 3" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED3LAIC-309050-12S2)

HOUSING BASE		LIGHT ENGINE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
☐ ED3L ECO 3" LPD	☐ AIC* (Adj New Construction IC) ☐ ANC* (Adj New Construction) ☐ NIC (New Construction IC) ☐ RIC (Remodel IC)	☐ -27 (2700K) ☐ -30 (3000K) ☐ -35 (3500K) ☐ -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-12 (12W)	S2 Phase Control Dimming Driver (1%-100% TRIAC, ELV, 120V/277V)

* AIC and ANC: Trimless Style available, order associated Trimless Mudplate from Trim Accessories

ED3S

ECO 3" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED3SNIC-309050-15S)

HOUSING BASE		LIGHT ENGINE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
☐ ED3S ECO 3" Shallow	NIC* (New Construction IC)	☐ -27 (2700K) ☐ -30 (3000K) ☐ -35 (3500K) ☐ -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-15 (15W)	S Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)

* Trimless Style available, order associated Trimless Mudplate from Trim Accessories

ACCESSORIES

ECO 3" ACCESSORIES FOR ECO ED3, ED3L, ED3S

ADDITIONAL OPTICS	
☐ ED3-10-OPTIC (10° Spot)	
☐ ED3-30-OPTIC (30° Narrow Flood)	
☐ ED3-50-OPTIC (50° Flood)	
☐ ED3-80-OPTIC (80° Wide Flood)	

OPTICAL MEDIA	
☐ ED3-CL (Clear Lens)	
☐ ED3-MP (Solite Lens)	
☐ ED3-FR (Frosted Lens)	
☐ ED3-LS (Linear Spread Lens)	
☐ ED3-MHLDR¹ (Media Holder)	

1. MHLDR required when ordering any optical media

EMERGENCY OPTIONS	
☐ EM-1000 (25W Remote Inverter)	
☐ EM-1002 (10W Remote EM Driver)	
☐ EM-1003 (35W Remote Inverter)	
☐ EM-1004 (50W Remote Inverter)	



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ECO 3" LED DOWNLIGHTED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

NOTE: _____

ORDER MATRIX**TRIM****ECO 3" DOWNLIGHT TRIM ORDER MATRIX (Example: ED3-RFSTWT)**

FAMILY APERTURE	SHAPE	POSITION	STYLE	FINISH
☐ ED3- ECO 3"	☐ R (Round) ☐ S (Square)	☐ F (Fixed) ☐ A (Adjustable)	☐ ST (Standard) ☐ WW ^{1,2} (Wall Wash) ☐ WL ¹ (Wet Location) ☐ TL ³ (Standard Trimless)	☐ WT (White) ☐ BK (Black) ☐ CN (Champagne) ☐ BW ⁴ (Black w/ White Flange) ☐ SW ⁴ (Silver w/ White Flange) ☐ CW ⁴ (Champagne w/ White Flange)

1. Use F (Fixed Position) for WW (Wall Wash) and WL (Wet Location) style.
2. WW (Wall Wash) Style Trim ships with recommended 80° optic.
3. Must order associated Mudplate from Trim Accessories. Trimless Style for use with AIC, ANC, and SNIC models only.
4. Color option available in ST (Standard) Style only.

TBD**TRIM ACCESSORIES****ECO 3" TRIM ACCESSORIES ORDER MATRIX (Example: ED3-R-TL)**

SIZE	STYLE
☐ ED3- ECO 3"	☐ R-TL (Round Trimless Mudplate) ☐ S-TL (Square Trimless Mudplate) ☐ R-FMA (Round Flush Mount Adapter) ☐ S-FMA (Square Flush Mount Adapter) ☐ TC1 (Thick Ceiling Adapter for ceilings 1 ¹ / ₁₆ " to 1 ¹ / ₄ ") ☐ TC2 (Thick Ceiling Adapter for ceilings 1 ⁵ / ₁₆ " to 2")



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ECO 3" LED DOWNLIGHT

ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

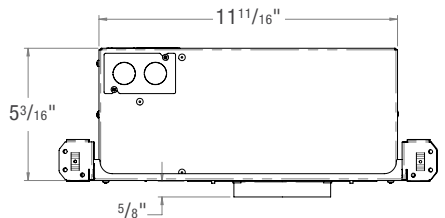
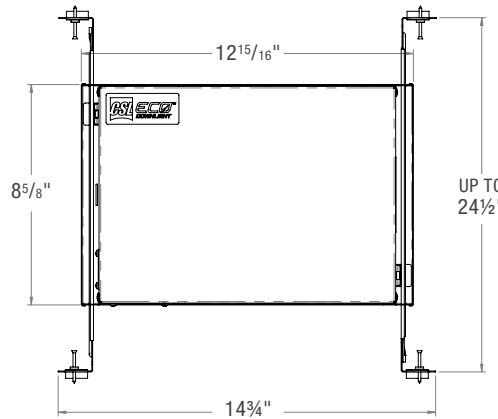
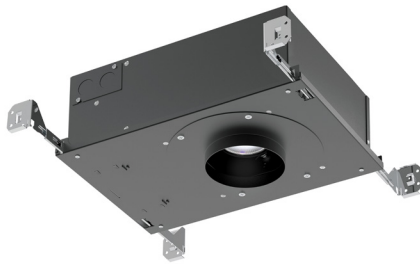
PROJECT: _____

TYPE: _____

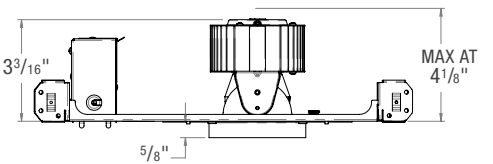
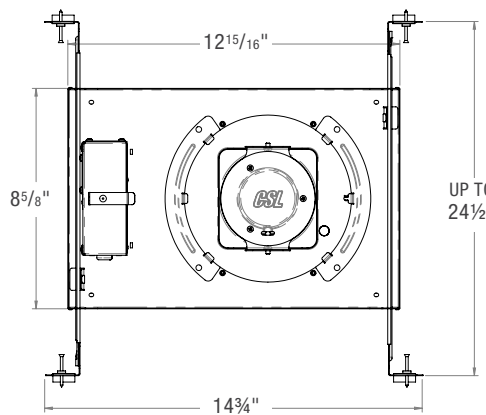
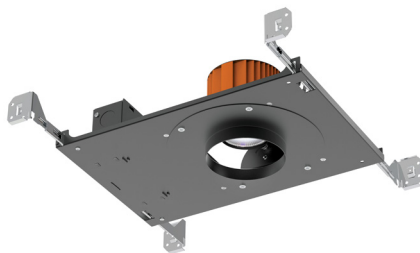
NOTE: _____

HOUSING AND LIGHT ENGINE LINE DRAWINGS

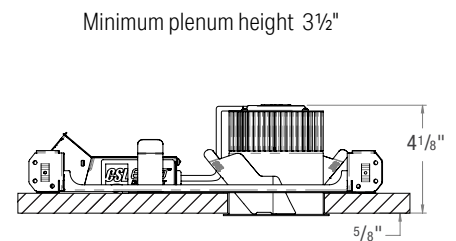
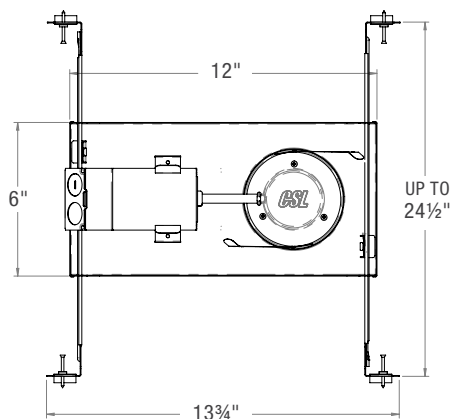
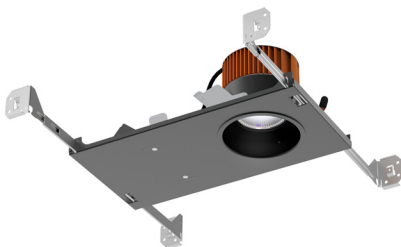
ED3AIC/ED3LAIC



ED3ANC/ED3LANC



ED3NC/ED3LNIC



Minimum plenum height 3 1/2"



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ECO 3" LED DOWNLIGHT

ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

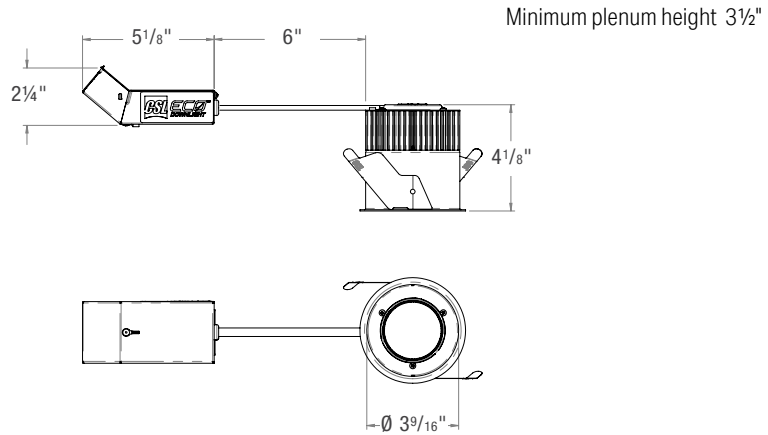
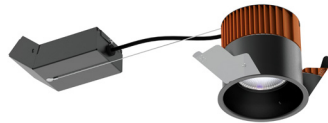
PROJECT: _____

TYPE: _____

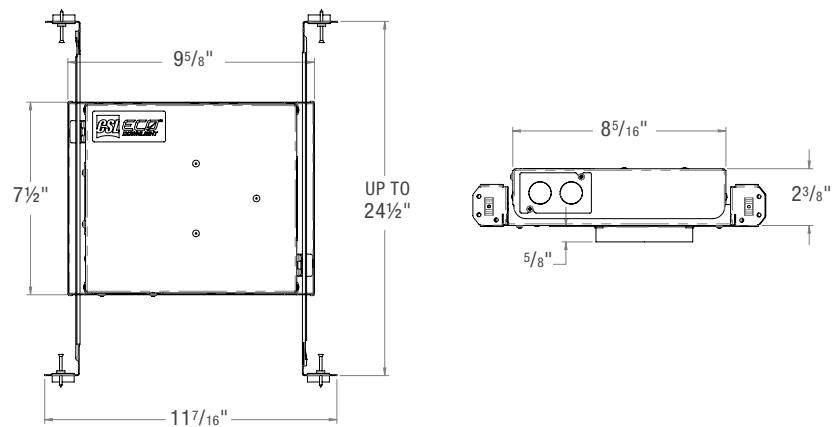
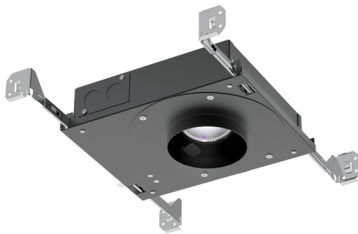
NOTE: _____

HOUSING AND LIGHT ENGINE LINE DRAWINGS

ED3RM/ED3LRIC



ED3SNIC





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ECO 3" LED DOWNLIGHT

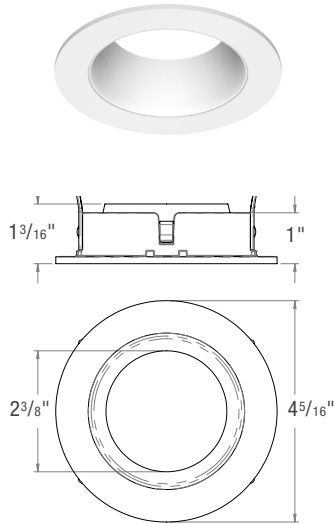
ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

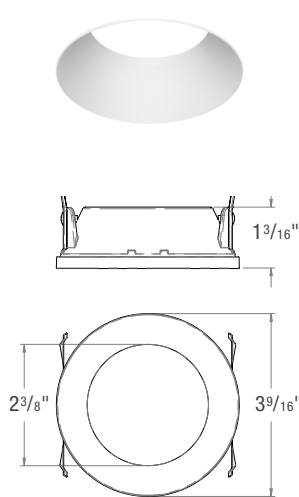
NOTE: _____

TRIM STYLES



ED3-RFST

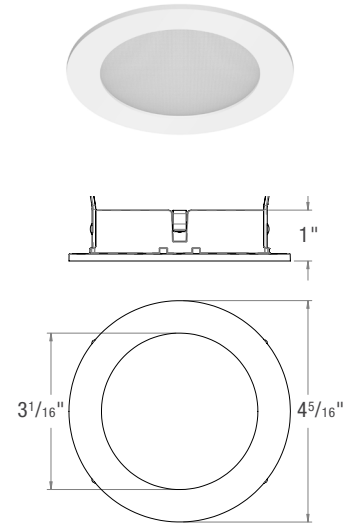
Round Fixed Standard



ED3-RFTL

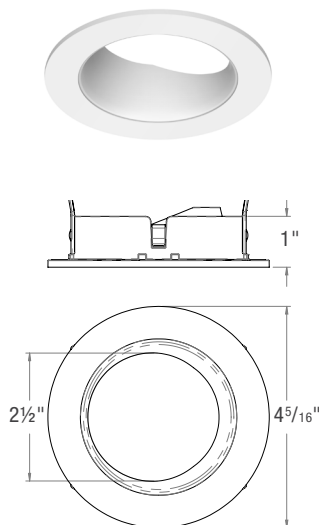
Round Fixed Trimless

Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



ED3-RFWL

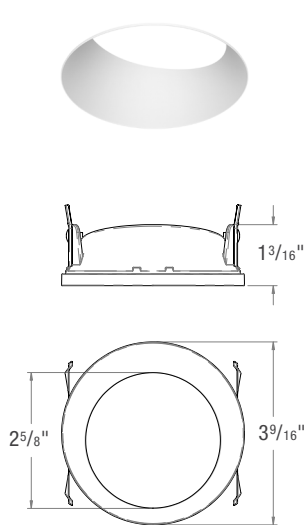
Round Fixed Wet Location



ED3-RAST

Round Adjustable Standard

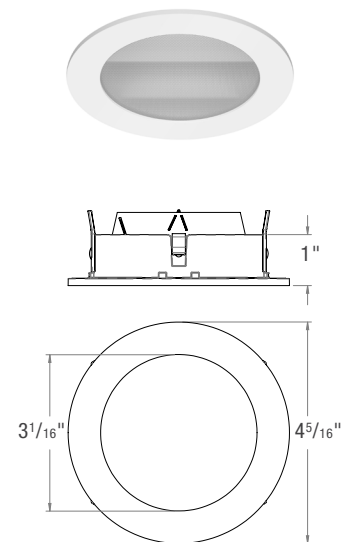
Adjustable trim styles for use
with adjustable AIC and ANC models only.



ED3-RATL

Round Adjustable Trimless

Adjustable trim styles for use with adjustable
AIC and ANC models only.
Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



ED3-RFWW

Round Fixed Wall Wash

ECO 3" LED DOWNLIGHT

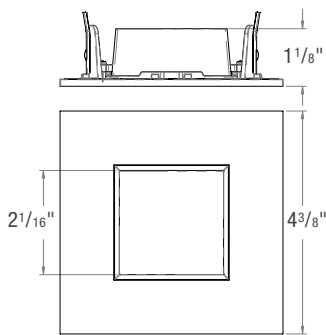
ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

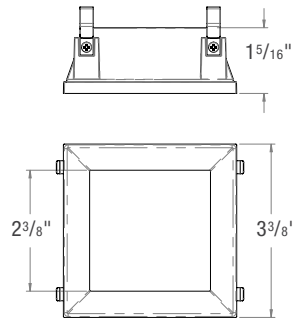
NOTE: _____

TRIM STYLES



ED3-SFST

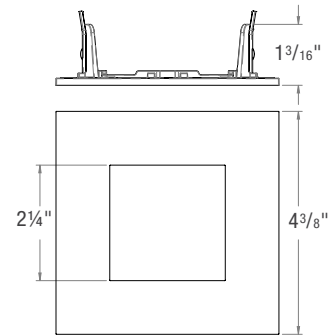
Square Fixed Standard



ED3-SFTL

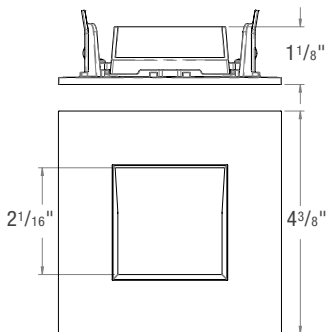
Square Fixed Trimless

Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



ED3-SFWL

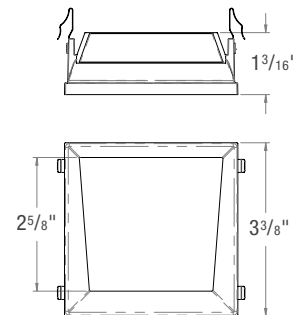
Square Fixed Wet Location



ED3-SAST

Square Adjustable Standard

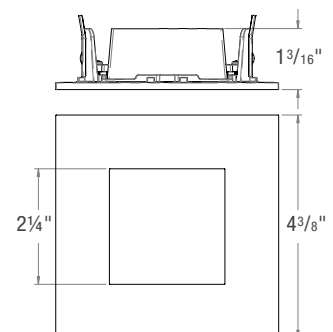
Adjustable trim styles for use
with adjustable AIC and ANC models only.



ED3-SATL

Square Adjustable Trimless

Adjustable trim styles for use with adjustable AIC
and ANC models only.
Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



ED3-SFWW

Square Fixed Wall Wash



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ECO 3" LED DOWNLIGHT

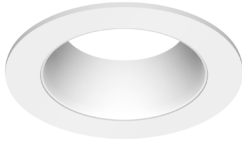
ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

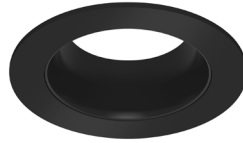
TYPE: _____

NOTE: _____

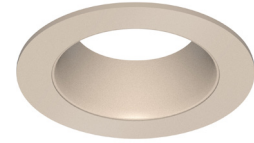
TRIM FINISHES



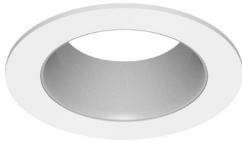
ED3-RFSTWT
WT (White)



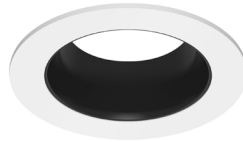
ED3-RFSTBK
BK (Black)



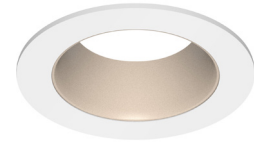
ED3-RFSTCN
CN (Champagne)



ED3-RFSTSW
SW (Silver with White Flange)



ED3-RFSTBW
BW (Black with White Flange)



ED3-RFSTCW
CW (Champagne with White Flange)



ED3-SFSTWT
WT (White)



ED3-SFSTBK
BK (Black)



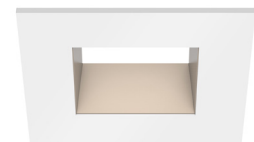
ED3-SFSTCN
CN (Champagne)



ED3-SFSTSW
SW (Silver with White Flange)



ED3-SFSTBW
BW (Black with White Flange)



ED3-SFSTCW
CW (Champagne with White Flange)



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ECO 3" LED DOWNLIGHT

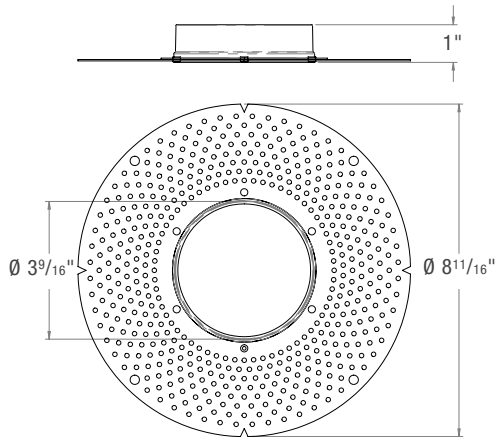
ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

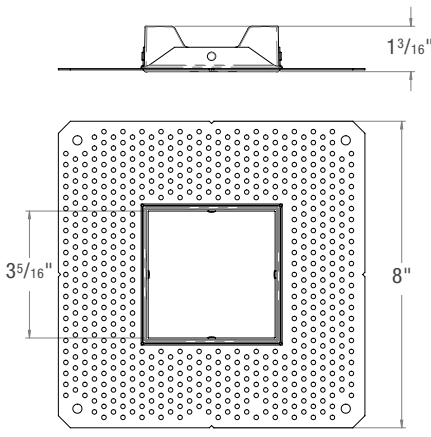
NOTE: _____

TRIM ACCESSORIES



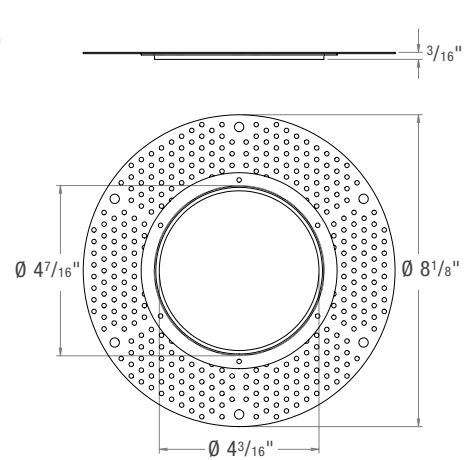
ED3-R-TL

Round Trimless Mudplate



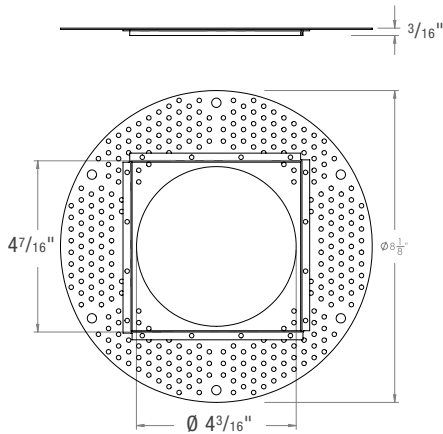
ED3-S-TL

Square Trimless Mudplate



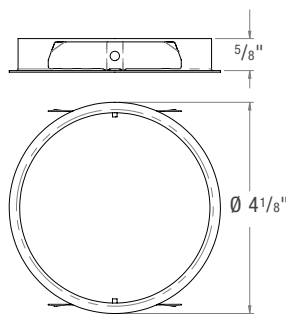
ED3-R-FMA

Round Flush Mount Adapter



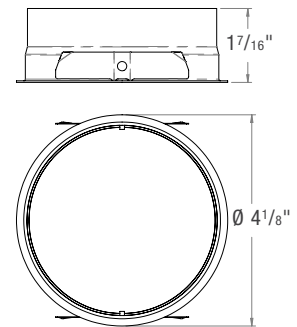
ED3-S-FMA

Square Flush Mount Adapter



ED3-TC1

Thick Ceiling Adapter
for ceilings 1 1/16" to 1 1/4"



ED3-TC2

Thick Ceiling Adapter
for ceilings 1 5/16" to 2"



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ECO 3" LED DOWNLIGHTED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

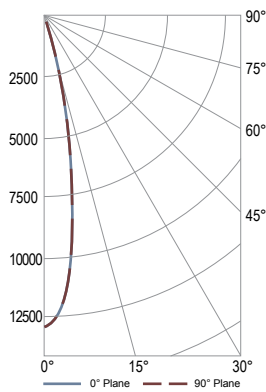
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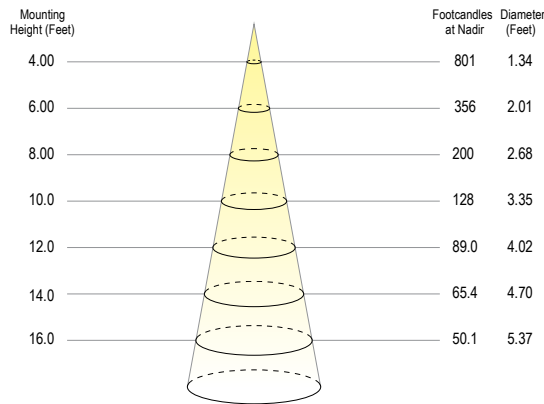
PHOTOMETRICS

Eco Downlight 3" ANC model (2700K, 90 CRI, 10° Optic, 21W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.1664 A	19.62 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

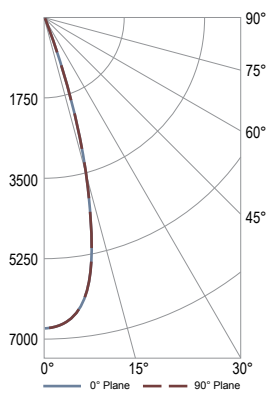
Summary of Results

Spacing Criteria Total Lumen Output: 1669 Lumens
0-180: 0.34 Luminaire Efficacy: 85.0 lm/w
90-270: 0.34 Maximum Candela: 12818 Candela

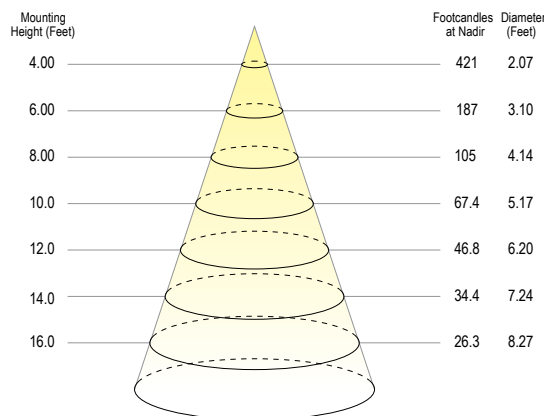
Zone	Lumens	% of Luminaire
0-40	1652	99.0%
0-60	1663	99.6%
0-90	1669	100.0%

Eco Downlight 3" ANC model (2700K, 90 CRI, 30° Optic, 21W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.1662 A	19.60 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

Summary of Results

Spacing Criteria Total Lumen Output: 1701 Lumens
0-180: 0.52 Luminaire Efficacy: 86.8 lm/w
90-270: 0.52 Maximum Candela: 6743 Candela

Zone	Lumens	% of Luminaire
0-40	1684	99.0%
0-60	1697	99.7%
0-90	1701	100.0%



ECO 3" LED DOWNLIGHT

ED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

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PROJECT: _____

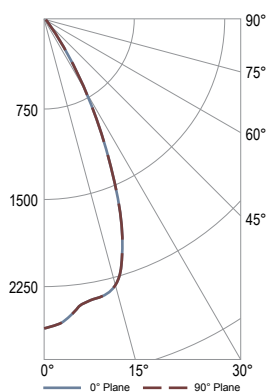
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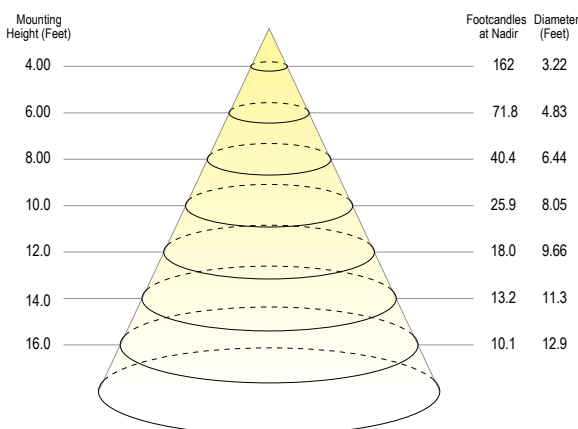
PHOTOMETRICS

Eco Downlight 3" ANC model (2700K, 90 CRI, 50° Optic, 21W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.1663 A	19.62 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

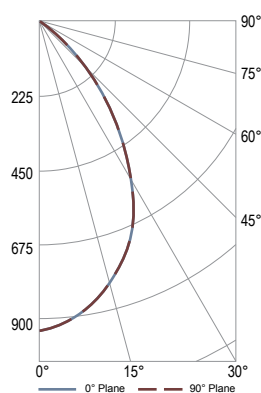
Summary of Results

Spacing Criteria 0-180: 0.80
90-270: 0.80
Total Lumen Output: 1592 Lumens
Luminaire Efficacy: 81.2 lm/w
Maximum Candela: 2586 Candela

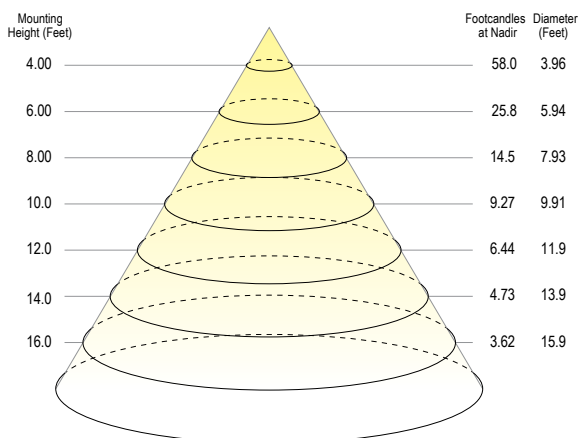
Zone	Lumens	% of Luminaire
0-40	1555	97.7%
0-60	1587	99.7%
0-90	1592	100.0%

Eco Downlight 3" ANC model (2700K, 90 CRI, 80° Optic, 21W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.0 VAC	0.1740 A	20.71 W

Power Factor	Frequency	Current THD
0.991	60 Hz	9.97%

Summary of Results

Spacing Criteria 0-180: 0.99
90-270: 0.99
Total Lumen Output: 1125 Lumens
Luminaire Efficacy: 54.3 lm/w
Maximum Candela: 927 Candela

Zone	Lumens	% of Luminaire
0-40	896	79.6%
0-60	1106	98.3%
0-90	1125	100.0%



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ECO 3" LED DOWNLIGHTED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

NOTE: _____

FOR DRIVER TYPE "S"

Universal Dimming Driver, ED3 and ED3S only

Compatible Phase Control Dimmers			
MFG	Model	MFG	Model
Lutron	LGCL-153PL	Leviton	VPE06
Lutron	DVRP-253P	Leviton	DW1KD-1BZ
Lutron	RRD-6CL	Leviton	IPE04
Lutron	NTELV-600P	Leviton	IPL06
Lutron	DVELV-303P	Cooper	SAL06P
Lutron	MAELV-600		
Lutron	PD-6WCL		
Lutron	SELV-300P		
Lutron	DVCL-153P		

Compatible dimmer information provided by the dimming driver manufacturer

Compatible 0-10VDC Dimmers	
MFG	Model
Lutron	NFTV
Lutron	DVTV
Lutron	DVSTV
Leviton	IP710-LFZ
Lightolier	SR1200ZTUNV
Cooper	SF10P-W
Leviton	IP710-DL

Compatible dimmer information provided by the dimming driver manufacturer



SPEC-00272 UPDATED 08/11/2021

ECO 3" LED DOWNLIGHTED3AIC, ED3ANC, ED3NC, ED3RM
ED3LAIC, ED3LANC, ED3LNIC, ED3LRIC
ED3SNIC

PROJECT: _____

TYPE: _____

NOTE: _____

FOR DRIVER TYPE "S2"

Phase Control Dimming Driver, ED3L only

Compatible Phase Control Dimmers			
MFG	Model	MFG	Model
Lutron	S-603PG	Leviton	6631-LW
Lutron	DVCL-153P	Leviton	VPE06
Lutron	TGCL-153P	Leviton	6683-IW
Lutron	S600P	Leviton	6161
Lutron	DVELV303P	Leviton	6633-P
Lutron	SELV300P	Leviton	IPE04
Lutron	TG-600P	Cooper	DLCO3P
Lutron	LG600P	Cooper	SLCO3P
Lutron	CT103P	Cooper	DALO6P
Lutron	MAELV600	Lightolier	ZP260QEW
Lutron	FAELV500		

Compatible dimmer information provided by the dimming driver manufacturer



LOCATION		LDC University Place Mall	FB5
PREPARED BY			
COMMENTS		Proj.# 180.02	
CATALOG NUMBER			

Avenue LED Outdoor Sconce AUW Series

Features

This outdoor LED light is ideal for security and general lighting. Decorative metal accents. 3 in 1 color temperature adjustable option. Provides lighting in indoor or outdoor residential, commercial, and hospitality applications. Meets ADA requirements. Fixture mounts to a standard junction box (not included).

Construction

Die-cast aluminum construction. Standard mounting holes and hardware are included. Power supply connections must be made inside a junction box (not included).

Finish

Available in Textured Grey or Textured Bronze powder coat finish.

Diffuser

Diffuser is .100" thick matte white acrylic.

Electrical

Input 120-277 VAC / 60 Hz.
Compatible with 0-10V dimmers (36" ONLY*)
Minimum starting temp -4° F/-20° C

LED

Integrated LED modules capable of producing:
24W = 2500 source lumens, 1438 delivered lumens
28W = 3200 source lumens, 1647 delivered lumens
42W = 4300 source lumens, 2250 delivered lumens
3000K (12" and 18") or Adjustable Choice 3000K, 3500K, 4000K CCT (36" ONLY*).
Rated for 50,000 Hrs. 90 CRI.

Certification

All fixtures are cETLus listed for outdoor wet locations.
ADA
Title 24/JA8 Compliant

Option (Consult Factory)

Integrated dusk-to-dawn photocell, add -PC to the end of part number

Warranty

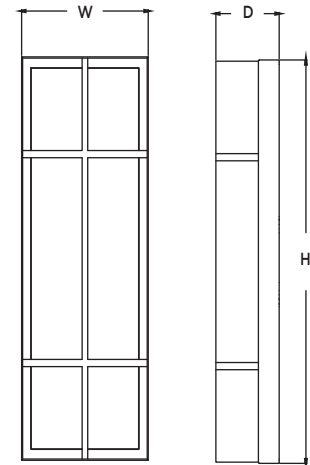
Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase.

Specifications and dimensions
subject to change without notice.

Ordering Information:

Textured Grey	Textured Bronze	LED	Source Lumens	Delivered Lumens	CCT	H	W	D
AUW6122500L30MVTG	AUW6122500L30MVBZ	24W	2500	1438	3000K	12"	5-1/2"	3-1/2"
AUW7183200L30MVTG	AUW7183200L30MVBZ	28W	3200	1647	3000K	18"	7"	3-1/2"

Textured Grey	Textured Bronze	LED	Source Lumens	Delivered Lumens	Adjustable CCT	H	W	D
AUW103643LAJD2TG*	AUW103643LAJD2BZ*	42W	4300	2250	3000K/3500K/4000K	36"	8"	4"



DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



Fixture Type	
Project	
Notes	

LDC
University Place Mall
Proj.# 180.02
FB6

DL-AC-FLEX2-BEAM is a high lumen output, specification grade, flexible lighting strip with fixed beam spread. Each diodes on BEAM is encapsulated with a tight 10° optic lens, making it the perfect product for wall washing and for mounting on curve surfaces both indoor and outdoor. A single section of BEAM can be made in increments of 6 inches and goes up to 100 feet. The product can be dimmed with ELV dimmer on the primary side, other dimming options available. BEAM may be mounted with 3M double stick tape or snap-in mounting clips. A complete aluminum channel set with clear lens is also available. BEAM is designed for dry, damp and wet locations.



SPECIFICATIONS

INPUT VOLTAGE	120V AC
WATTAGE	5.5W/Ft
LUMENS	314 Lm/Ft @ 4000K
LEDs/Ft. LEDs / 6in.	14 LEDs /Ft. 7LEDs / 6 in. section
COLOR RENDERING INDEX	90+
BEAM ANGLE	Integral 10° Optic on each diode
DIMMING ¹	ELV, 0-10V, Phase Adaptive

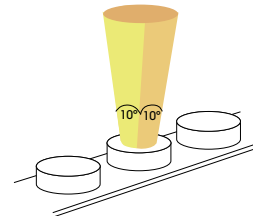
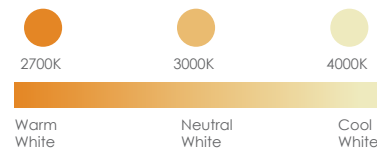
DIMENSIONS	13/16"W x 3/8"H 20 mm W x 9.1 mm H
MAX RUN / MIN RUN	100ft ² / 6 inch
ENVIRONMENT	Indoor / Outdoor - dry, damp and wet
CERTIFICATIONS	cUSus
LUMEN MAINTENANCE	50,000 hours ³
WARRANTY	5 years ⁴

¹ 0-10V and Phase Adaptive dimming require additional components
² Requires I joint connector to join multiple sections of 33 ft sections
³ TM21 Calculation based on LM80 report
⁴ A 5 YEAR LIMITED WARRANTY for indoor applications.
A 3 YEAR LIMITED WARRANTY for outdoor applications.



PERFORMANCE

COLOR TEMPERATURE ⁴	LUMEN ⁵	WATTAGE	EFFICACY	CRI
2700K	284Lm	5.5 W	52 Lm/W	90+
3000K	299Lm	5.5 W	54 Lm/W	90+
4000K	314 Lm	5.5 W	57 Lm/W	90+



^{4/5}CCT within +/- 10%

BASIC ORDERING INFO

STEP 1 TERMINATIONS

MODEL	INPUT TYPE
DL-AC-FLEX2-BEAM-1010	HW08 - Hardwire 8ft cord HW20 - Hardwire 20ft cord PC02 - Plug-in 2ft cord PC06 - Plug-in 6ft cord

STEP 2 CCT

MODEL	COLOR TEMPERATURE
DL-AC-FLEX2-BEAM-1010	4090 2790 - 2700K 3090 - 3000K 4090 - 4000K

Other CCT available, consult with factory on lead time

STEP 3 ENDCAP/OUTPUT CONNECTIONS⁹

MODEL	
DL-AC-FLEX2-BEAM-	EC - Endcap ¹⁰ IC - I Joint connector ¹¹ CC03 - 3" connecting cable CC06 - 6" connecting cable CC12 - 12" connecting cable CC06-O - 6" output connecting cable CC06-I - 6" input connecting cable

STEP 4 MOUNTING ACCESSORIES

See page 7

⁹ For easy installation, JESCO offers a full complement of connectors. Runs can include as many sections and connections as required without any extra setup fees. Each run is made to order, sealed and tested prior to shipping in either our New York or Los Angeles warehouses.

¹⁰ Required one per each run.

¹¹ Required for runs exceed 33ft, max 2 can be installed on one run, connects up to 100ft.

NY 15 Harbor Park Drive
Port Washington, NY 11050

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855 265 5768

CA 219 South 6th Ave
City of Industry, CA 91746

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Tech Support 855 592 0029

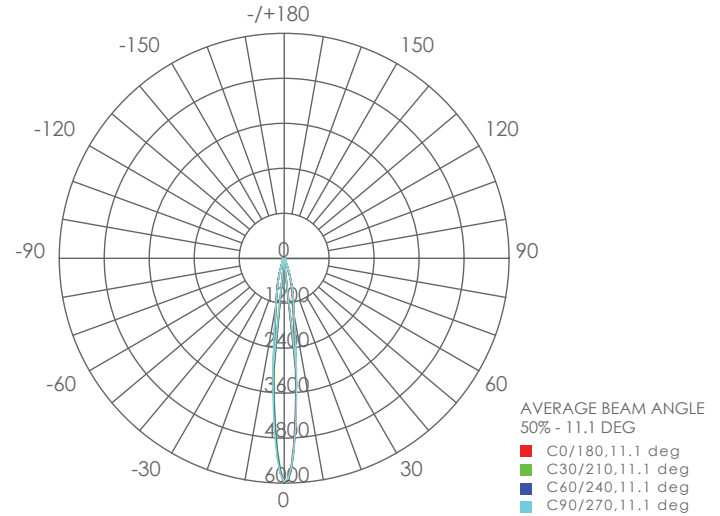
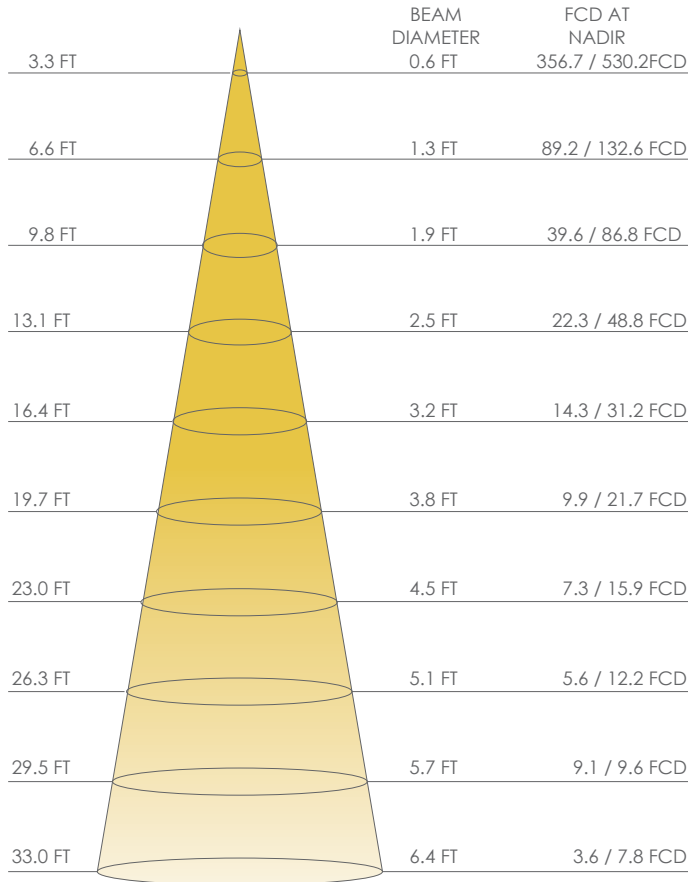
DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



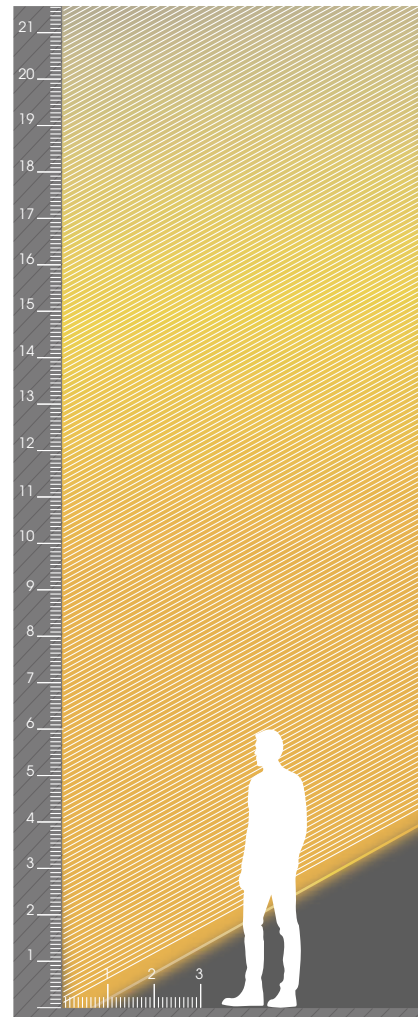
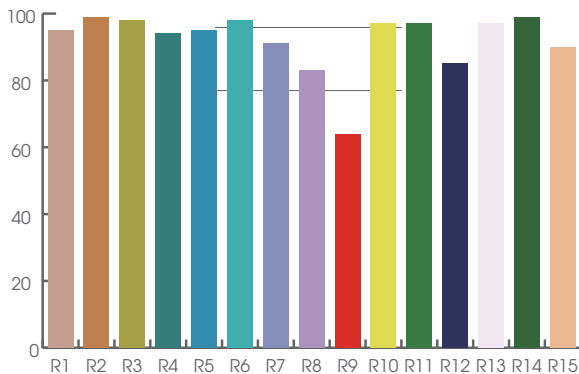
Fixture Type	
Project	
Notes	

PHOTOMETRIC 2700K SAMPLE



CRI (Re) (R1-R15) Ra = 96 AvgR = 92.1

R1	95	R6	98	R11	97
R2	99	R7	91	R12	85
R3	98	R8	83	R13	97
R4	94	R9	64	R14	99
R5	95	R10	97	R15	90



DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



Fixture Type	
Project	
Notes	

COMPATIBLE DIMMERS Electronic Low Voltage

Manufacturer: Lutron

SKYLAR SERIES

SELV-300P 300W 48 Ft Max
SELV-600P 600W 98 Ft Max

DIVA SERIES

DVELV-300P 300W 48 Ft Max
DVELV-600P 600W 98 Ft Max

NOVA T SERIES

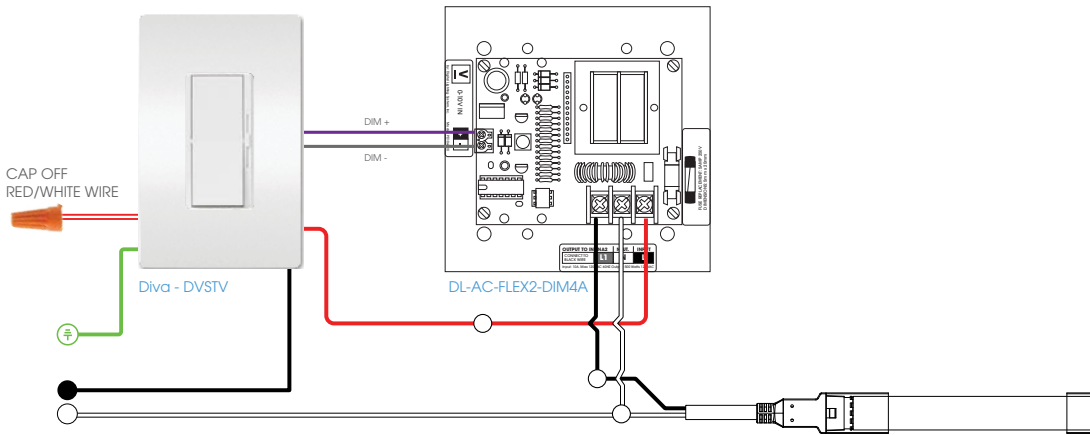
NTELV-300P 300W 48 Ft Max
NTELV-600P 600W 98 Ft Max

COMPATIBLE DIMMERS 0-10V dimming with DL-AC-FLEX2-DIM4A

PARTS REQUIRED - not included

DIMMER: **LUTRON DIVA-DVSTV**

0-10V DIMMING INTERFACE: **DL-AC-FLEX2-DIM4A**



COMPATIBLE DIMMERS Phase Adaptive Dimming

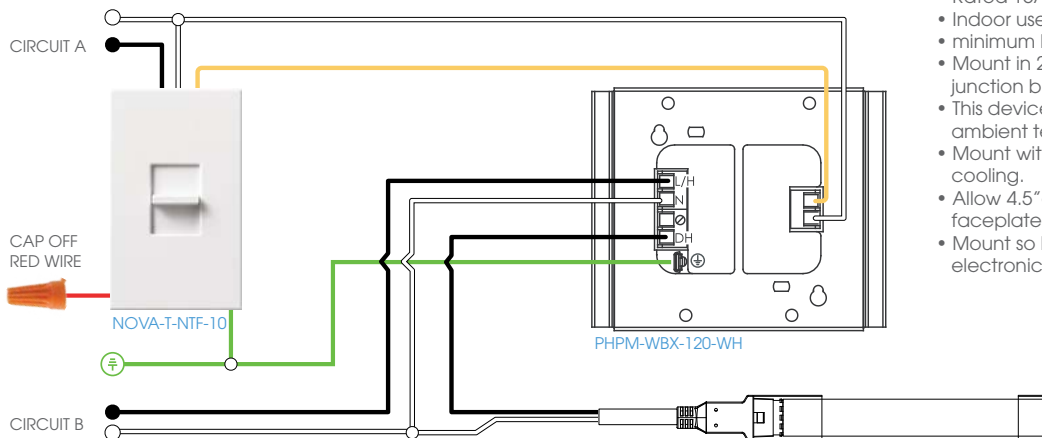
PARTS REQUIRED - supplied by others

DIMMER: **LUTRON NOVA-T-NTF-10**

INTERFACE: **LUTRON PHPM-WBX-120-WH**

LUTRON PHPM-WBX-120-WH

- Rated 16A 1920Watt @ 120V AC
- Indoor use only.
- minimum load 10W
- Mount in 2-gang U.S. wallbox 3.5" deep or 4"x 4" junction box 2" deep
- This device generates heat; mount only where ambient temperature is 32 °F to 104 °F
- Mount with arrows facing up to ensure adequate cooling.
- Allow 4.5" above and below unit and between faceplates when mounting several in a vertical layout.
- Mount so line voltage wiring is at least 6 ft from sound or electronic equipment and wiring.



Please check manufacturer's documentations on detailed wiring and installation instructions.

NOTE: All available dimmers have not been tested with INFINA® and there may be several factors during installation that can affect performance.

Prior testing of your exact application of INFINA® and your designated dimmer is highly recommended. For dimmers that are not listed, please contact factory.

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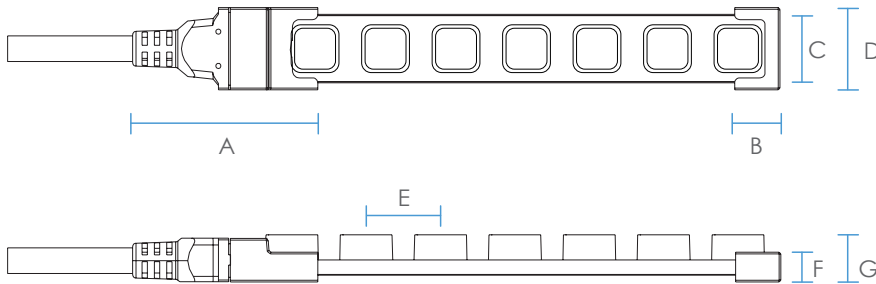
DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



Fixture Type	
Project	
Notes	

DIMENSIONAL DRAWINGS

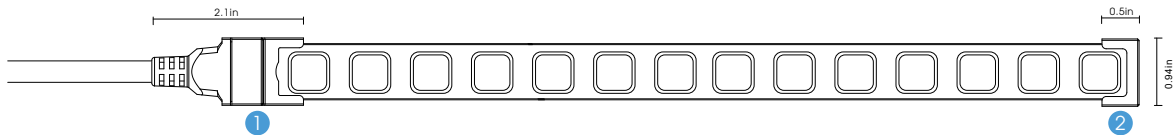


DIMENSIONS

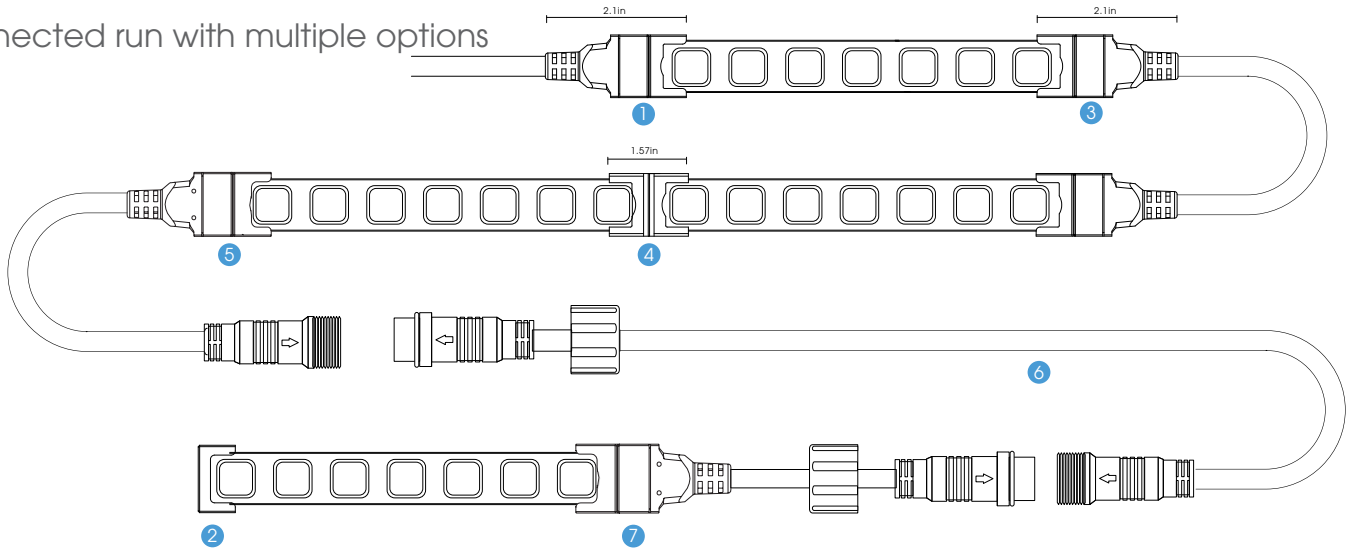
A	2-1/8"	54mm
B	1/2"	13mm
C	13/16"	20mm
D	15/16"	24mm
E	7/8"	22mm
F	3/8"	9mm
G	1/2"	12mm

ASSEMBLED RUN

Single run with power cable and endcap



Connected run with multiple options



Parts Required, details on page 5 and 6

1 Power Cable



2 Connecting cable



3 I joint connector



4 Endcap



5 6 in. connecting cable with output connector



6 18 in. extending cable with input & output connector



7 6 in. connecting cable with input connector



DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



Fixture Type	
Project	
Notes	

TERMINATION OPTIONS

Factory sealed to DL-AC-FLEX2-BEAM-strip

DIMENSIONS

A	2-1/8"	54mm
B	15/16"	24mm
C	1/2"	13mm
HW08	96"	2438mm
HW20	240"	6096mm

PART NUMBER	DL-AC-FLEX2-BEAM-HW08	PART NUMBER	DL-AC-FLEX2-BEAM-HW20
DESCRIPTIONS	8 ft cord with hardwire leads	DESCRIPTIONS	20 ft cord with hardwire leads
ENVIRONMENT	Indoor, Outdoor	ENVIRONMENT	Indoor, Outdoor

DIMENSIONS

A	2-1/8"	54mm
B	15/16"	24mm
C	1/2"	13mm
E	2-11/16"	68mm
PC02	24"	610mm
PC06	72"	1829mm

PART NUMBER	DL-AC-FLEX2-BEAM-PC02	PART NUMBER	DL-AC-FLEX2-BEAM-PC06
DESCRIPTIONS	2ft cord with power plug Replaceable 7 amp fuse in power plug Spare fuse included	DESCRIPTIONS	6ft cord with power plug Replaceable 7 amp fuse in power plug Spare fuse included
ENVIRONMENT	Indoor only	ENVIRONMENT	Indoor only

ENDCAP / OUTPUT CONNECTING OPTIONS

Factory sealed to DL-AC-FLEX2-BEAM strip

DIMENSIONS

A	2-1/8"	54mm
B	15/16"	24mm
CC03	3"	76mm
CC06	6"	152mm
CC12	12"	305mm
ENDCAP	1/2"	13mm

For every 5 Feet of connecting cable - add 1 linear foot of FLEX2 strip to calculate the overall max run.
Example: 96 feet of FLEX2 strip + 15 feet of connecting cables (+3 linear feet) = 99 feet overall length <100 feet max

PART NUMBER	DL-AC-FLEX2-BEAM-CC03	PART NUMBER	DL-AC-FLEX2-BEAM-CC06
DESCRIPTIONS	3in connecting cable	DESCRIPTIONS	6in connecting cable
ENVIRONMENT	Indoor, Outdoor	ENVIRONMENT	Indoor, Outdoor

PART NUMBER	DL-AC-FLEX2-BEAM-CC12	PART NUMBER	DL-AC-FLEX2-BEAM-EC
DESCRIPTIONS	12in connecting cable	DESCRIPTIONS	ENDCAP
ENVIRONMENT	Indoor, Outdoor	ENVIRONMENT	Indoor, Outdoor



NOTE: Power and connecting cable rating: 2x 18AWG SJTW 300V 221°F / 105°C Ø 5/16 in / 2.1mm Cable length tolerance: +3/8in / 10mm | -0
All electrical connections must be in accordance with local codes, ordinances and the National Electric Code.

DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



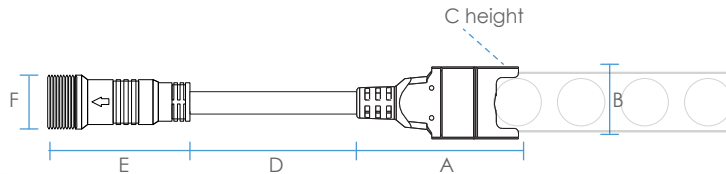
Fixture Type	
Project	
Notes	

INPUT / OUTPUT PLUG-IN CONNECTION OPTIONS

Factory sealed to DL-AC-FLEX2-BEAM strip



PART NUMBER	DL-AC-FLEX2-BEAM-IC
DESCRIPTIONS	1 joint connector for 2 or more runs of light strip, connects up to 100 feet, fit inside of channel
ENVIRONMENT	Indoor, Outdoor

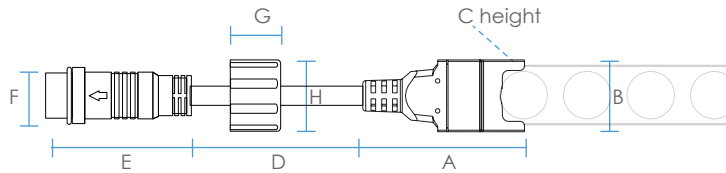


DIMENSIONS

A	2-1/8"	54mm
B	15/16"	24mm
C	1/2"	13mm
D	6"	152mm
E	1-7/8"	47mm
F	11/16"	18mm



PART NUMBER	DL-AC-FLEX2-BEAM-CC06-O
DESCRIPTIONS	6in connecting cable with outdoor rated barrel output connector
ENVIRONMENT	Indoor, Outdoor

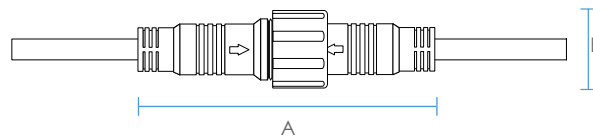


DIMENSIONS

A	2-1/8"	54mm
B	15/16"	24mm
C	1/2"	13mm
D	6"	152mm
E	1-7/8"	47mm
F	11/16"	18mm
G	7/8"	23mm
H	5/8"	16mm



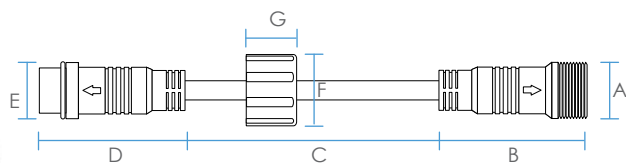
PART NUMBER	DL-AC-FLEX2-BEAM-CC06-I
DESCRIPTIONS	6in connecting cable with outdoor rated barrel input connector
ENVIRONMENT	Indoor, Outdoor



DIMENSIONS

A	3-1/4"	83mm
B	7/8"	23mm

PART NUMBER	DL-AC-FLEX2-BEAM-CC06-O + DL-AC-FLEX2-BEAM-CC06-I
DESCRIPTIONS	Input and output connector assembled
ENVIRONMENT	Indoor, Outdoor



DIMENSIONS

A	11/16"	18mm
B	1-7/8"	47mm
C	18"	458mm
D	1-7/8"	47mm
E	11/16"	18mm
F	7/8"	23mm
G	5/8"	16mm



PART NUMBER	DL-AC-FLEX2-CC-EXT18
DESCRIPTIONS	18in extension cable for CC-06-O to CC-06-I
ENVIRONMENT	Indoor, Outdoor

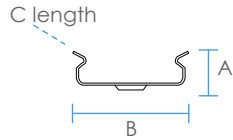
DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS



Fixture Type	
Project	
Notes	

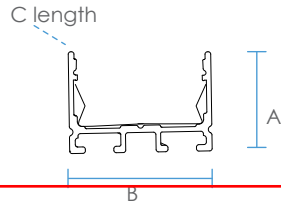
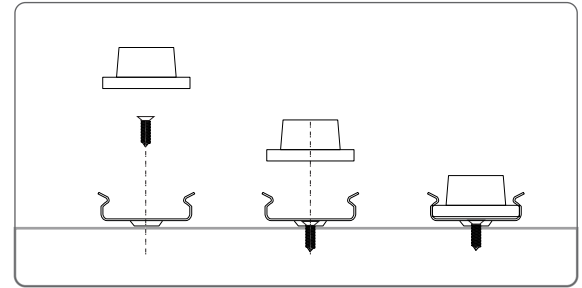
MOUNTING OPTIONS



DIMENSIONS

A	1/2"	13mm
B	1"	25mm
C	3/8"	10mm

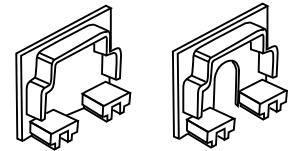
PART NUMBER	DL-AC-FLEX2-BEAM-MC
DESCRIPTIONS	metal snap-in mounting clip 3 per foot recommended
ENVIRONMENT	Indoor, Outdoor



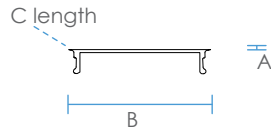
DIMENSIONS

A	7/8"	22mm
B	1-3/16"	25mm
C	48"	1219mm

PART NUMBER	DL-AC-FLEX2-BEAM-CH4M22
DESCRIPTIONS	4ft metal mounting channel
ENVIRONMENT	Indoor, Outdoor



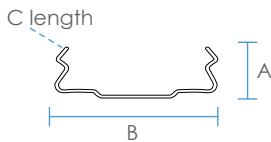
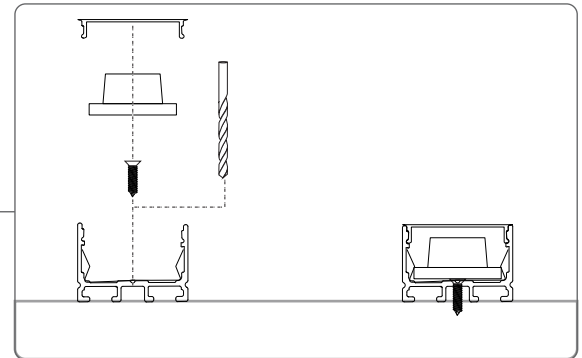
PART NUMBER	DL-AC-FLEX2-BEAM-CH4M22-ECS
DESCRIPTIONS	Endcap set with live & dead endcap
ENVIRONMENT	Indoor, Outdoor



DIMENSIONS

A	1/16"	1mm
B	1-3/16"	25mm
C	48"	1219mm

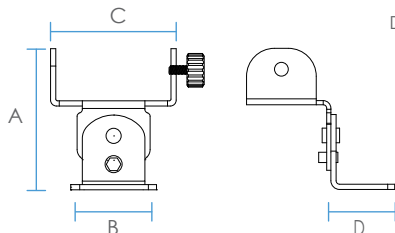
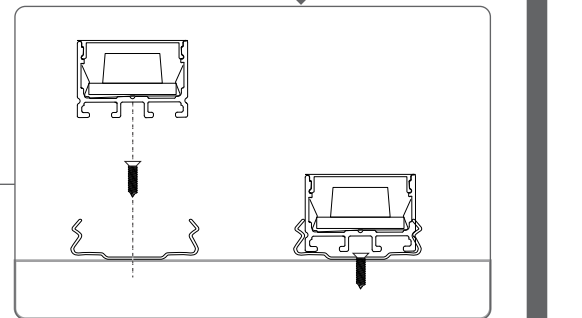
PART NUMBER	DL-AC-FLEX2-BEAM-CH4M22-L01
DESCRIPTIONS	4ft clear flat lens for use with DL-FLEX2-BEAM-CH4M22 channel
ENVIRONMENT	Indoor



DIMENSIONS

A	3/8"	13mm
B	1-1/4"	31mm
C	9/16"	10mm

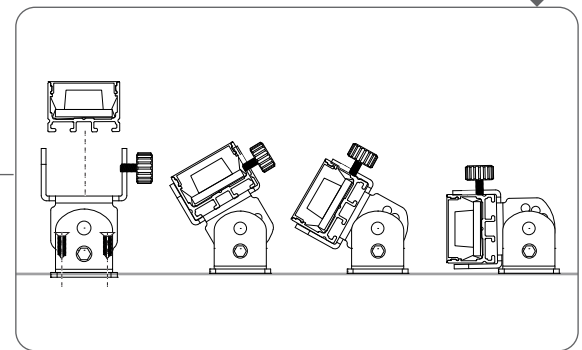
PART NUMBER	DL-AC-FLEX2-BEAM-CH4M22-MCM
DESCRIPTIONS	Metal channel mounting clip for use with DL-FLEX2-BEAM-CH4M22
ENVIRONMENT	Indoor, Outdoor



DIMENSIONS

A	1-5/8"	41mm
B	1-3/16"	30mm
C	1-3/8"	35mm
D	1"	25mm

PART NUMBER	DL-AC-FLEX2-ADJBR-L
DESCRIPTIONS	Universal adjustable mounting bracket for DL-FLEX2-BEAM-CH4M22
ENVIRONMENT	Indoor, Outdoor



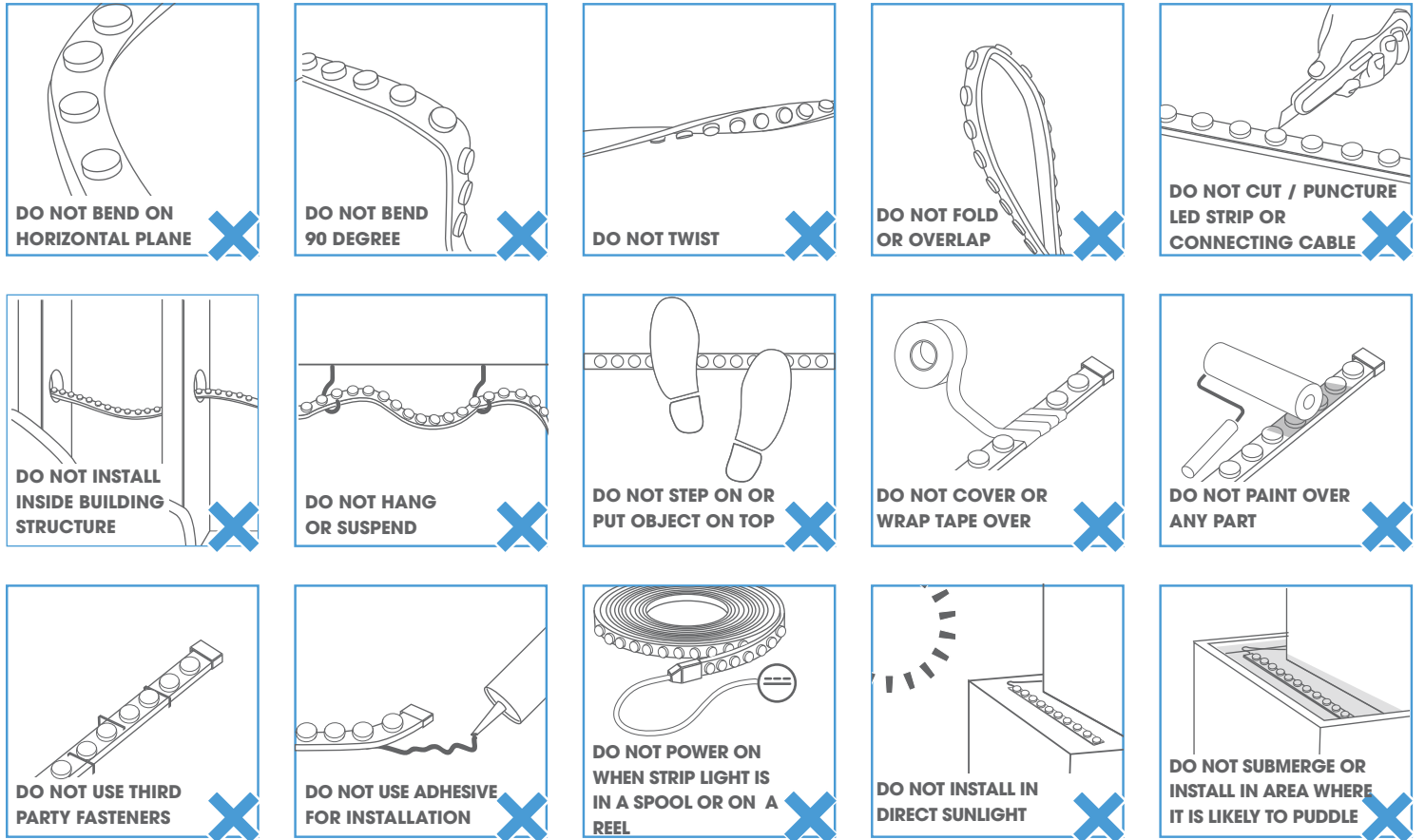
DL-AC-FLEX2-BEAM-1010

INFINA® 2 10° NARROW BEAM
WALL WASHING STRIP WITH INTEGRAL OPTICS

JESCO
LIGHTING GROUP

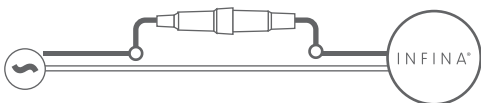
Fixture Type	
Project	
Notes	

CAUTIONS



HARDWIRE APPLICATIONS

FUSE HOLDER WITH 6.3A FUSE (included)
install between the positive leads of the fixture and the power



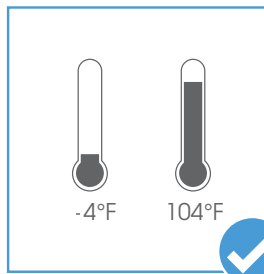
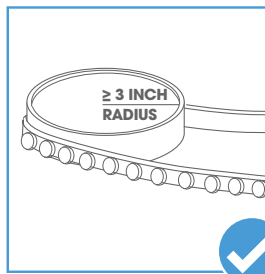
FUSE HOLDER MUST BE INSTALLED IN THE JUNCTION BOX

OUTDOOR

- DO NOT INSTALL NEAR AREAS WITH EXPOSURE TO SALT WATER OR CHLORINATED WATER

APPLICATIONS TO AVOID

- DO NOT INSTALL NEAR FLAMMABLE OR CORROSIVE LIQUIDS



WARRANTY IS VOID IF ANY OF THE ABOVE ARE VIOLATED

A 5 YEAR LIMITED WARRANTY for indoor applications
A 3 YEAR LIMITED WARRANTY for outdoor applications

NY 15 Harbor Park Drive
Port Washington, NY 11050

Main 800 527 7796
Fax 855 265 5768

CA 219 South 6th Ave
City of Industry, CA 91746

Main 800 527 7796
Fax 855 265 5768

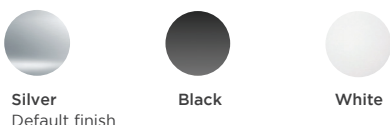
i support@jescolighting.com
Tech Support 855 592 0029

AS20G CHANNEL FIXTURE

Our AS20G Channel Fixture is a grazer channel with a 20-degree beam angle -- the narrowest we offer. A grazer lens and either mounting clips or tiltable stands create a full range of light output and design options. Custom design a grazer fixture with our AS20G Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 20°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 6.0 W/ft (19.7W/m)
- Static White delivered lumen range from 85 lm/ft (279 lm/m) up to 729 lm/ft (2391 lm/m)
- Available in silver, white, black or custom colors
- Assembled in USA

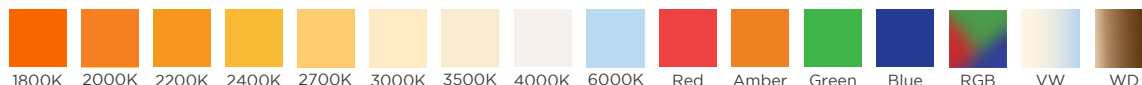
HOUSING FINISHES



AVAILABLE LENS FINISHES



AVAILABLE COLORS & COLOR TEMPERATURES



5-Day QuickShip program available with the following RibbonLyte products only:

IP20 & IP65 1.5 Static White RibbonLyte from 2700K to 4000K / 3.0 & 4.4 Static White RibbonLyte: IP20 from 2400K to 4000K, IP65 from 2700K to 3500K, IP68 3000K & 3500K / 5.0 Static White RibbonLyte: IP20 from 2700K to 4000K, IP65 3000K, IP68 3000K & 3500K / 6.0 Static White RibbonLyte: IP20 & IP65 2700K to 4000K, IP68 3000K & 3500K / IP20 3.0 Static White Matrix RibbonLyte from 2400K to 4000K / IP20 3.0 RGB Matrix RibbonLyte / IP20, IP65 & IP68 4.4 RGB RibbonLyte / IP20 4.4 RGBW/A RibbonLyte / IP20 5.5 4-in-1 RGBW+4000K RibbonLyte / IP65 & IP68 5.5 4-in-1 RGBW+3000K / IP20 1.0, 3.0, 6.0 Variable White RibbonLyte / IP20 & IP65 5.2 Warm Dim RibbonLyte

DIMENSIONS

AS20G Channel	Mounting Clip (Included Accessory)		
Width: 0.61 in. (15.5 mm) Height: 0.75 in. (19 mm) Internal Width: 0.42 in. (10.7 mm)	Side View Width: 0.6 in. (15.2 mm) Length: 0.71 in. (18 mm) Height: 0.39 in. (9.9 mm)	Top View Width: 0.71 in. (18 mm) Height: 0.6 in. (15.2 mm)	Assembled View Width: 0.71 in. (18.03 mm) Height: 1.02 in. (25.9 mm)
Note: 1. Each section of channel includes 3 mounting clips. 2. Magnetic mounting option available (see page 2)			

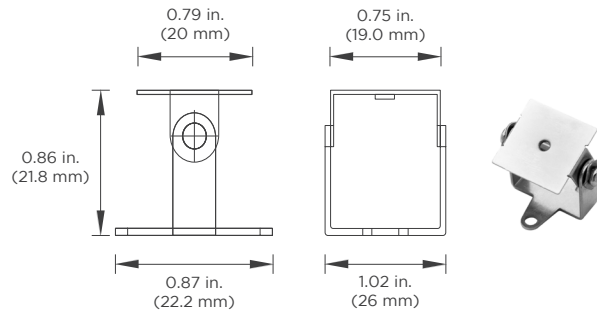
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SPECIFICATIONS

Beam Angle	20°
Lens Type	Grazer Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGB, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires

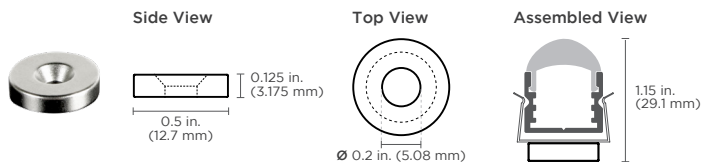
ACCESSORIES

Tilttable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.88 in. (47.8 mm)

Magnetic Mount (Part #: CHMAG0.5)



Features:

- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts
- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary
- Magnets rated for 8 lbs. of pull force with static load

Applications:

- Industrial lighting retrofits for troffers and other metal fixtures
- Metal retail shelf lighting
- Temporary light fixture installations

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAS20G	G	
CHAS20G - AS20G Channel	G - Grazer Lens	SV - Silver (default) WH - White BK - Black Consult factory for custom colors

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING
RB		
RB - RibbonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65
		VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 RGB20 - RGB IP20 RGB65 - RGB IP65
		WD20 - Warm Dim IP20 WD65 - Warm Dim IP65

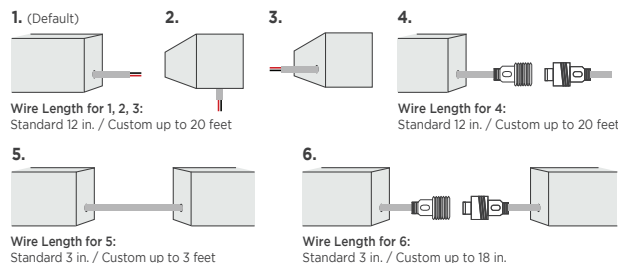
WATTAGE	COLOR
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	18 - 1800K R - Red
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	20 - 2000K A - Amber
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)	22 - 2200K G - Green
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color, RGB)	24 - 2400K B - Blue
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	27 - 2700K VW - Variable White
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB)	30 - 3000K RGB - Red, Green, Blue
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	35 - 3500K 2920 - Warm Dim 2900K - 2000K (IP20)
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	40 - 4000K 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	60 - 6000K Z - Undecided**

** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- | | |
|------------------------------------|-------------------------------------|
| 1 - End Feed Bare Wire Connection | 4 - End Feed with IP67 Male Coupler |
| 2 - Back Feed Bare Wire Connection | 5 - Soldered Daisy Chain |
| 3 - Side Feed Bare Wire Connection | 6 - Daisy Chain With IP67 Couplers |

Custom Length (ft.)



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly	

STEP 4 Add Accessories

ACCESSORIES
TILTSTANDST - Tilttable Stand
CHMAG0.5 - Magnetic Mount

SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Grazer Lens	Standard Cable Length	Compatible with Channel		
							IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	42.8 lm/ft (140.5 lm/m)	12 in. (30.5 cm)	✓	✓	
			2000K	99	50.5 lm/ft (165.6 lm/m)				
			2200K	109	55.6 lm/ft (182.3 lm/m)				
			2400K	113	57.6 lm/ft (189 lm/m)				
			2700K	123	62.7 lm/ft (205.8 lm/m)				
			3000K	123	62.7 lm/ft (205.8 lm/m)				
			3500K	130	66.3 lm/ft (217.5 lm/m)				
			4000K	134	68.3 lm/ft (224.2 lm/m)				
			6000K	131	66.8 lm/ft (219.1 lm/m)				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	85.7 lm/ft (281 lm/m)	12 in. (30.5 cm)	✓	✓	
			2000K	98	100 lm/ft (327.9 lm/m)				
			2200K	109	111.2 lm/ft (364.7 lm/m)				
			2400K	113	115.3 lm/ft (378.1 lm/m)				
			2700K	123	125.5 lm/ft (411.5 lm/m)				
			3000K	123	125.5 lm/ft (411.5 lm/m)				
			3500K	129	131.6 lm/ft (431.6 lm/m)				
			4000K	134	136.7 lm/ft (448.3 lm/m)				
			6000K	131	133.6 lm/ft (438.3 lm/m)				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	124.2 lm/ft (407.3 lm/m)	12 in. (30.5 cm)	✓	✓	
			2000K	96	143.6 lm/ft (471.1 lm/m)				
			2200K	106	158.6 lm/ft (520.1 lm/m)				
			2400K	111	166.1 lm/ft (544.7 lm/m)				
			2700K	120	179.5 lm/ft (588.8 lm/m)				
			3000K	122	182.5 lm/ft (598.6 lm/m)				
			3500K	127	190 lm/ft (623.2 lm/m)				
			4000K	133	199 lm/ft (652.6 lm/m)				
			6000K	128	191.5 lm/ft (628.1 lm/m)				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	110	224.4 lm/ft (736 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	123	250.9 lm/ft (823 lm/m)				
			3000K	130	265.2 lm/ft (870 lm/m)				
			3500K	133	271.3 lm/ft (890 lm/m)				
			4000K	133	271.3 lm/ft (890 lm/m)				
			6000K	127	259.1 lm/ft (849.8 lm/m)				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109	326.1 lm/ft (1069.7 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	122	365 lm/ft (1197.3 lm/m)				
			3000K	129	386 lm/ft (1266 lm/m)				
			3500K	132	394.9 lm/ft (1295.4 lm/m)				
			4000K	132	394.9 lm/ft (1295.4 lm/m)				
			6000K	126	377 lm/ft (1236.5 lm/m)				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	110	374 lm/ft (1226.7 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	123	418.2 lm/ft (1371.7 lm/m)				
			3000K	130	442 lm/ft (1449.8 lm/m)				
			3500K	133	452.2 lm/ft (1483.2 lm/m)				
			4000K	133	452.2 lm/ft (1483.2 lm/m)				
			6000K	127	431.8 lm/ft (1416.3 lm/m)				

SPECIFICATIONS

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Grazer Lens	Standard Cable Length	Compatible with Channel		
							IP20	IP65	IP68
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	444.7 lm/ft (1458.7 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	122	497.8 lm/ft (1632.7 lm/m)				
			3000K	129	526.3 lm/ft (1726.3 lm/m)				
			3500K	132	538.6 lm/ft (1766.5 lm/m)				
			4000K	132	538.6 lm/ft (1766.5 lm/m)				
			6000K	126	514.1 lm/ft (1686.2 lm/m)				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	26 lm/ft (86 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	175	112 lm/ft (366 lm/m)				
			Blue	19	12 lm/ft (40 lm/m)				
			Amber	34	22 lm/ft (71 lm/m)				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	54 lm/ft (176 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	160	204 lm/ft (669 lm/m)				
			Blue	18	23 lm/ft (75 lm/m)				
			Amber	34	43 lm/ft (142 lm/m)				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	79 lm/ft (258 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	145	271 lm/ft (889 lm/m)				
			Blue	18	34 lm/ft (110 lm/m)				
			Amber	33	62 lm/ft (202 lm/m)				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	81.6 lm/ft (267.6 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	127	259.1 lm/ft (849.8 lm/m)				
			Blue	25	51 lm/ft (167.3 lm/m)				
			Amber	29	59.2 lm/ft (194 lm/m)				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	113.7 lm/ft (372.9 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	117	350.1 lm/ft (1148.2 lm/m)				
			Blue	24	71.8 lm/ft (235.5 lm/m)				
			Amber	25	74.8 lm/ft (245.3 lm/m)				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	125.8 lm/ft (412.6 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	116	394.4 lm/ft (1293.6 lm/m)				
			Blue	24	81.6 lm/ft (267.6 lm/m)				
			Amber	26	88.4 lm/ft (290 lm/m)				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	151 lm/ft (495.1 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	113	461 lm/ft (1512.2 lm/m)				
			Blue	23	93.8 lm/ft (307.8 lm/m)				
			Amber	24	97.9 lm/ft (321.2 lm/m)				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	57.8 lm/ft (189.6 lm/m)	12 in. (30.5 cm)	✓	✓	
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80	163.2 lm/ft (535.3 lm/m)	12 in. (30.5 cm)	✓	✓	
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75	306 lm/ft (1003.7 lm/m)	12 in. (30.5 cm)	✓	✓	
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	55.4 lm/ft (181.6 lm/m)	12 in. (30.5 cm)	✓	✓	
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	110.7 lm/ft (363.1 lm/m)	12 in. (30.5 cm)	✓	✓	
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	194.5 lm/ft (637.9 lm/m)	12 in. (30.5 cm)	✓	✓	

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS



**30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers**

Part No.:

- DRVW2430 (30 Watt)
- DRVW2460 (60 Watt)
- DRVW2496 (96 Watt)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



**240W, 320W
Non-Dimming
Electronic Drivers**

Part No.:

- DRVW24240 (240 Watt)
- DRVW24320 (320 Watt)

Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized



**40W
Lutron Hi-Lume 1% Dimming
Class 2 Drivers**

Part No.:

- DRVLUT24403W (40 Watt, 3-wire)
- DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC (3-wire model)
or 120V (2-wire model)
IP Rating: Dry or Damp
Dimmable using 2-wire forward phase,
3-wire+G or digital EcoSystem
UL Listed



**96W
Lutron Hi-Lume Premier 0.1% Dimming
Class 2 Driver**

Part No.:

- DRVLUT24963W (96 Watt, 3-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
Dimmable using 3-wire+G or digital EcoSystem
0.1% dimming SoftOn/FadeToBlack
with EcoSystem
UL Listed

MAGNETIC, ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



120 VAC

**60W, 96W, 200W, 300W
Class 1 & 2 Magnetic Drivers**

Part No.:

- DRVWDIM2460 (60 Watt)
- DRVWDIM24100 (96 Watt)
- DRVWDIM24200 (200 Watt)
- DRVWDIM24300 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 120 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed



277 VAC

**60W, 96W, 200W, 300W
Class 1 & 2 Magnetic Drivers**

Part No.:

- DRVWDIM2460277 (60 Watt)
- DRVWDIM24100277 (96 Watt)
- DRVWDIM24200277 (200 Watt)
- DRVWDIM24300277 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 277 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed



**60W, 96W, 150W, 200W
ELV & MLV Drivers**

Part No.:

- DRVW2460ELV (60 Watt)
- DRVW2496ELV (96 Watt)
- DRVW24150ELV (150 Watt)
- DRVW24200ELV (200 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-130 VAC
IP Rating: Dry or Damp
Dimmable
ETL, UL and CSA Listed



LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with GENLED Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on GENLED Acolyte® product website page.

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS

DIMMING MODULE



0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed



LUTRON DIVA Dimmer

Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



Variable White Dimming Module

- Part No.: VWDIMMOD
- 1 dimming module required per 30 ft (9.1 m)
 - This product is only compatible with Variable White RibbonLyte, not Variable White Amber or Variable White Red. Works with any 0-10V dimmers to provide CCT change with one dimmer and brightness change with the other.

Note: Max length before additional power is introduced

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH WALL CONTROLLER

Part Number: AWCRGBWW
AWCVWW



1 ZONE WALL CONTROLLER

Part Number: DMXCTRLG



5 ZONE WALL CONTROLLER

Part Number: DMXCTRL



10 ZONE WALL CONTROLLER

Part Number: DMXCTRLD



4 CHANNEL WATERPROOF DMX INTERFACE

Part Number: DMXINFWLCD4



5 CHANNEL DMX INTERFACE

Part Number: DMXINFLCD5



DMX OPTO SPLITTER

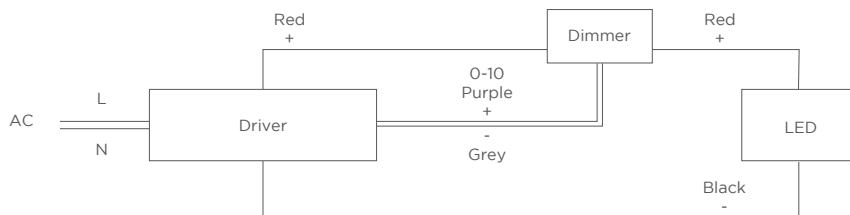
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

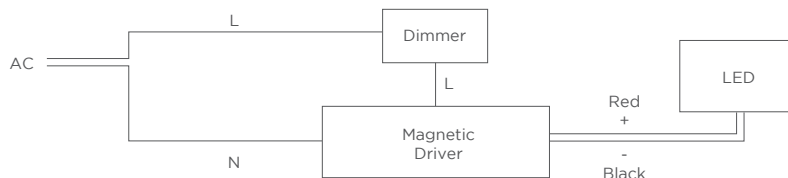
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG	35	10.67	23	7.01	14	4.27	9	2.74	7	2.13	5.75	1.75	4.5	1.37	4.25	1.30
18 AWG	56	17.07	37	11.28	23	7.01	15	4.57	11	3.35	9	2.74	7.5	2.29	7	2.13
16 AWG	90	27.44	60	18.29	37	11.28	24	7.32	18	5.49	15	4.57	12	3.66	11	3.35
14 AWG	142	43.29	95	28.96	59	17.99	38	11.59	28	8.54	23	7.01	19	5.79	17	5.18
12 AWG	226	68.90	151	46.04	94	28.66	60	18.29	45	13.72	37	11.28	30	9.15	28	8.54
10 AWG	360	109.76	240	73.17	150	45.73	96	29.27	72	21.95	60	18.29	48	14.63	45	13.72
8 AWG	574	175.00	381	116.16	239	72.87	153	46.65	115	35.06	95	28.96	76	23.17	71	21.65

WIRING DIAGRAMS

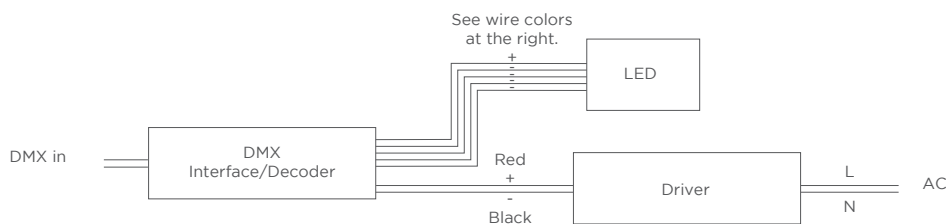
0-10V



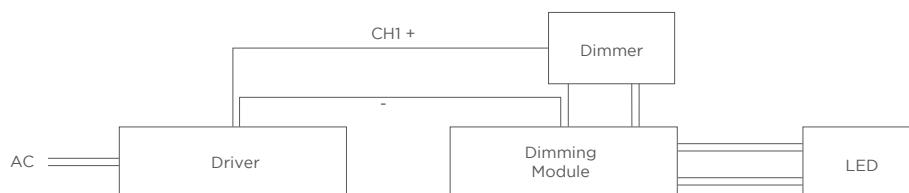
MAGNETIC + ELV



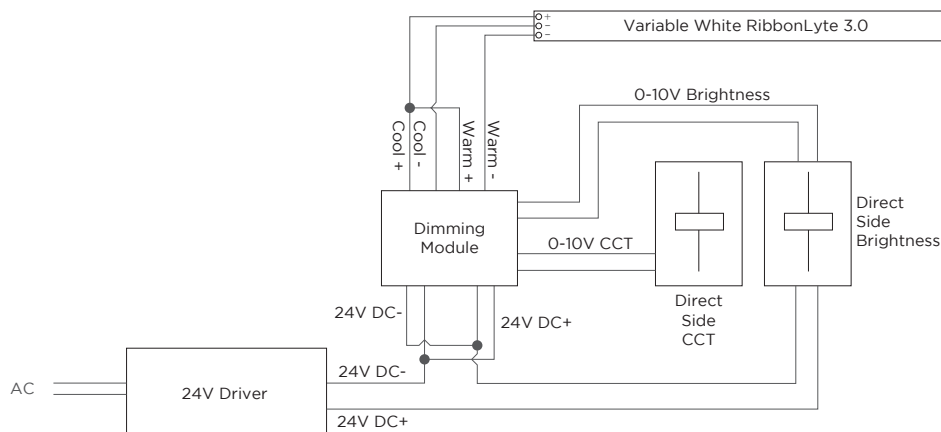
DMX



WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

Red Wire (+) Positive
Black Wire (-) Negative

RGB

Black Wire (+) Positive
Red Wire (-) Goes To Red Channel
Green Wire (-) Goes To Green Channel
Blue Wire (-) Goes To Blue Channel

VARIABLE WHITE

Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

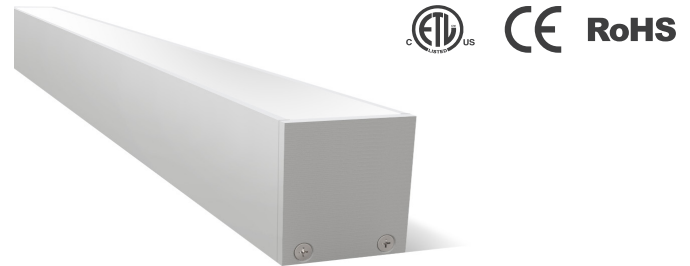
WARM DIM

Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel

WH35 CHANNEL FIXTURE

WH35 Channel Fixture is a large profile channel that fits any RibbonLyte and has a 56-degree beam angle. We offer a variety of mounting options and lenses to create a full range of light output and design. Custom design a fixture for nearly any application with our WH35 Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 56°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 85 lm/ft (279 lm/m) up to 729 lm/ft (2391 lm/m)
- Available in silver, white, black or custom colors
- Assembled in USA



RoHS

HOUSING FINISHES



Silver
Default finish



Black

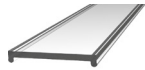


White

AVAILABLE LENS FINISHES



Clear Lens
92% Light Transmission



Frosted Lens
85% Light Transmission



Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES

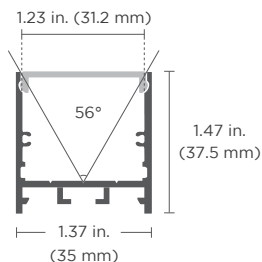


5-Day QuickShip program available with Frosted & Milky lenses and the following RibbonLyte products only:

IP20 & IP65 1.5 Static White RibbonLyte from 2700K to 4000K / 3.0 & 4.4 Static White RibbonLyte: IP20 from 2400K to 4000K, IP65 from 2700K to 3500K, IP68 3000K & 3500K / 5.0 Static White RibbonLyte: IP20 from 2700K to 4000K, IP65 3000K, IP68 3000K & 3500K / 6.0 Static White RibbonLyte: IP20 & IP65 2700K to 4000K, IP68 3000K & 3500K / IP20 3.0 Static White Matrix RibbonLyte from 2400K to 4000K / IP20 3.0 RGB Matrix RibbonLyte / IP20, IP65 & IP68 4.4 RGB RibbonLyte / IP20 4.4 RGBW/A RibbonLyte / IP20 5.5 4-in-1 RGBW+4000K RibbonLyte / IP65 & IP68 5.5 4-in-1 RGBW+3000K / IP20 1.0, 3.0, 6.0 Variable White RibbonLyte / IP20 & IP65 5.2 Warm Dim RibbonLyte

DIMENSIONS

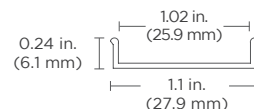
WH35 Channel



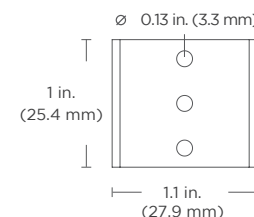
Width: 1.37 in. (35 mm)
Height: 1.47 in. (37.5 mm)
Internal Width: 1.23 in. (31.2 mm)

Mounting Clip (Included Accessory)

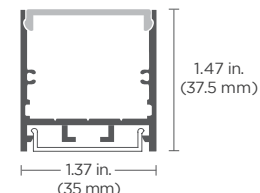
Side View



Top View



Assembled View



Width: 1.37 in. (35 mm)
Height: 1.47 in. (37.5 mm)

Beam Angle	56°
Lens Type	Clear Lens, Frosted Lens, Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGB, RGBW, RGBA, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires

ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHWH35		
CHWH35 - WH35 Channel	C - Clear Lens* F - Frosted Lens	SV - Silver (default) BK - Black
	M - Milky Lens * Clear lens is the default option if not specified.	WH - White Consult factory for custom colors
		TBD

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING		
RB				
RB - RibbonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SWS268 - Static White Series 2 IP68 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68 RGBADD - Addressable RGB IP67	RGBWADD - Addressable RGBW IP67 VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 VWS268 - VW Series 2 IP68 RGB20 - RGB IP20 RGB65 - RGB IP65 RGB68 - RGB IP68	RGBWA20 - RGBW/A IP20 RGBWA65 - RGBW/A IP65 RGBWA68 - RGBW/A IP68 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 WD68 - Warm Dim IP68

WATTAGE

0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
 1.0 - 1.0 W/ft (3.3 W/m - Variable White)
 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color, RGB)
 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)
 3.7 - 3.7 W/ft (12.1 W/m - Addressable RGB)
 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB, RGBW/RGBA)
 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
 5.4 - 5.4 W/ft (17.7 W/m - Addressable RGBW)
 5.5 - 5.5 W/ft (18.0 W/m - RGBW/RGBA)
 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)
 8.8 - 8.8 W/ft (28.9 W/m - RGB, RGBW/RGBA)

COLOR

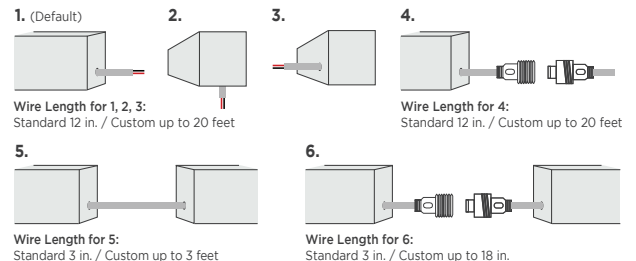
18 - 1800K
 20 - 2000K
 22 - 2200K
 24 - 2400K
 27 - 2700K
 30 - 3000K
 35 - 3500K
 40 - 4000K
 60 - 6000K
 R - Red
 A - Amber
 G - Green
 B - Blue

VW - Variable White
 RGB - Red, Green, Blue
 RGB30 - Red, Green, Blue + 3000K
 RGB40 - Red, Green, Blue + 4000K (5.5W only)
 RGB60 - Red, Green, Blue + 6000K
 RGBA - Red, Green, Blue + Amber
 RGBW30 - RGB + 3000K Addressable
 RGBW60 - RGB + 6000K Addressable
 2920 - Warm Dim 2900K - 2000K (IP20)
 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
 Z - Undecided**
 ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- | | |
|------------------------------------|-------------------------------------|
| 1 - End Feed Bare Wire Connection | 4 - End Feed with IP67 Male Coupler |
| 2 - Back Feed Bare Wire Connection | 5 - Soldered Daisy Chain |
| 3 - Side Feed Bare Wire Connection | 6 - Daisy Chain With IP67 Couplers |

Custom Length (ft.)



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly	

SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Standard Cable Length	Compatible with Channel		
									IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	58 lm/ft (190.3 lm/m)	53.6 lm/ft (175.8 lm/m)	44.1 lm/ft (144.6 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2000K	99	68.3 lm/ft (224 lm/m)	63.1 lm/ft (207 lm/m)	52 lm/ft (170.6 lm/m)				
			2200K	109	75.2 lm/ft (246.7 lm/m)	69.5 lm/ft (228 lm/m)	57.2 lm/ft (187.6 lm/m)				
			2400K	113	78 lm/ft (255.8 lm/m)	72.0 lm/ft (236.2 lm/m)	59.3 lm/ft (194.5 lm/m)				
			2700K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3000K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3500K	130	89.7 lm/ft (294.2 lm/m)	82.9 lm/ft (272 lm/m)	68.3 lm/ft (224 lm/m)				
			4000K	134	92.5 lm/ft (303.4 lm/m)	85.4 lm/ft (280.1 lm/m)	70.4 lm/ft (230.9 lm/m)				
			6000K	131	90.4 lm/ft (296.5 lm/m)	83.5 lm/ft (273.9 lm/m)	68.8 lm/ft (225.7 lm/m)				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	115.9 lm/ft (380.2 lm/m)	107.1 lm/ft (351.3 lm/m)	88.2 lm/ft (289.3 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	135.2 lm/ft (443.5 lm/m)	125 lm/ft (410 lm/m)	102.9 lm/ft (337.5 lm/m)				
			2200K	109	150.4 lm/ft (493.3 lm/m)	139 lm/ft (455.9 lm/m)	114.5 lm/ft (375.6 lm/m)				
			2400K	113	155.9 lm/ft (511.4 lm/m)	144.1 lm/ft (472.6 lm/m)	118.7 lm/ft (389.3 lm/m)				
			2700K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3000K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3500K	129	178 lm/ft (583.8 lm/m)	164.5 lm/ft (539.6 lm/m)	135.5 lm/ft (444.4 lm/m)				
			4000K	134	184.9 lm/ft (606.5 lm/m)	170.9 lm/ft (560.6 lm/m)	140.7 lm/ft (461.5 lm/m)				
			6000K	131	180.8 lm/ft (593 lm/m)	167 lm/ft (547.8 lm/m)	137.6 lm/ft (451.3 lm/m)				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	168 lm/ft (551 lm/m)	155.2 lm/ft (509.1 lm/m)	127.8 lm/ft (419.2 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2000K	96	194.3 lm/ft (637.3 lm/m)	179.5 lm/ft (588.8 lm/m)	147.8 lm/ft (484.8 lm/m)				
			2200K	106	214.5 lm/ft (703.6 lm/m)	198.2 lm/ft (650.1 lm/m)	163.2 lm/ft (535.3 lm/m)				
			2400K	111	224.7 lm/ft (737 lm/m)	207.6 lm/ft (680.9 lm/m)	170.9 lm/ft (560.6 lm/m)				
			2700K	120	242.9 lm/ft (796.7 lm/m)	224.4 lm/ft (736 lm/m)	184.8 lm/ft (606.1 lm/m)				
			3000K	122	246.9 lm/ft (809.8 lm/m)	228.1 lm/ft (748.2 lm/m)	187.9 lm/ft (616.3 lm/m)				
			3500K	127	257 lm/ft (843 lm/m)	237.5 lm/ft (779 lm/m)	195.6 lm/ft (641.6 lm/m)				
			4000K	133	269.2 lm/ft (883 lm/m)	248.7 lm/ft (779 lm/m)	204.8 lm/ft (671.7 lm/m)				
			6000K	128	259.1 lm/ft (849.8 lm/m)	239.4 lm/ft (785.2 lm/m)	197.1 lm/ft (646.5 lm/m)				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109.8	303.1 lm/ft (994.1 lm/m)	280.1 lm/ft (918.6 lm/m)	230.6 lm/ft (756.5 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122.9	339.6 lm/ft (1114 lm/m)	313.5 lm/ft (1028.1 lm/m)	258.1 lm/ft (846.7 lm/m)				
			3000K	130	359.1 lm/ft (1177.9 lm/m)	331.4 lm/ft (1087.1 lm/m)	273 lm/ft (895.3 lm/m)				
			3500K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			4000K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			6000K	127	350.8 lm/ft (1150.5 lm/m)	323.7 lm/ft (1061.8 lm/m)	266.6 lm/ft (874.5 lm/m)				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109	441.2 lm/ft (1447 lm/m)	407.7 lm/ft (1337.1 lm/m)	335.7 lm/ft (1101.2 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122	494.4 lm/ft (1621.6 lm/m)	456.3 lm/ft (1496.6 lm/m)	375.8 lm/ft (1232.5 lm/m)				
			3000K	129	522.8 lm/ft (1714.7 lm/m)	482.5 lm/ft (1582.5 lm/m)	397.3 lm/ft (1303.2 lm/m)				
			3500K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			4000K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			6000K	126	510.6 lm/ft (1674.8 lm/m)	471.2 lm/ft (1545.7 lm/m)	388.1 lm/ft (1272.9 lm/m)				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109.8	505.1 lm/ft (1656.8 lm/m)	466.8 lm/ft (1531 lm/m)	384.4 lm/ft (1260.8 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122.9	566.1 lm/ft (1856.7 lm/m)	522.4 lm/ft (1713.6 lm/m)	430.2 lm/ft (1411.2 lm/m)				
			3000K	130	598.5 lm/ft (1963.2 lm/m)	552.4 lm/ft (1811.9 lm/m)	454.9 lm/ft (1492.1 lm/m)				
			3500K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			4000K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			6000K	127	584.6 lm/ft (1917.6 lm/m)	539.6 lm/ft (1769.7 lm/m)	444.3 lm/ft (1457.4 lm/m)				

SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Standard Cable Length	Compatible with Channel		
									IP20	IP65	IP68
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	74.9 lm/ft (245.6 lm/m)	69.7 lm/ft (228.65 lm/m) All LEDs at 100%	57.4 lm/ft (188.3 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	149.8 lm/ft (491.3 lm/m)	140.25 lm/ft (459.85 lm/m) All LEDs at 100%	115.5 lm/ft (378.7 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
8.8 RGB	1.97 in. (50 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	302.68 lm/ft (992.68 lm/m) All LEDs at 100%	279.65 lm/ft (917.15 lm/m) All LEDs at 100%	230.3 lm/ft (755.3 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	263.1 lm/ft (863 lm/m)	243.95 lm/ft (799.85 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	133.6 lm/ft (438.1 lm/m)	243.95 lm/ft (799.85 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBW	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	51	305 lm/ft (1000.3 lm/m)	237.15 lm/ft (777.75 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBA	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	27	161.5 lm/ft (529.6 lm/m)	237.15 lm/ft (777.75 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
8.8 RGBW	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	43	344.08 lm/ft (1127.92 lm/m) All LEDs at 100%	317.9 lm/ft (1042.1 lm/m) All LEDs at 100%	261.8 lm/ft (858.2 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
8.8 RGBA	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBA	22	344.08 lm/ft (1127.92 lm/m) All LEDs at 100%	317.9 lm/ft (1042.1 lm/m) All LEDs at 100%	261.8 lm/ft (858.2 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
RGB Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	15	17 lm/ft (55.8 lm/m)	15.7 lm/ft (51.6 lm/m)	13 lm/ft (42.5 lm/m)	12 in. (30.5 cm)	N/A	N/A	✓ IP67
			Green	37	42 lm/ft (137.7 lm/m)	38.8 lm/ft (127.2 lm/m)	31.9 lm/ft (104.8 lm/m)				
			Blue	9	10.2 lm/ft (33.5 lm/m)	9.4 lm/ft (30.9 lm/m)	7.8 lm/ft (25.5 lm/m)				
			All	24	81.7 lm/ft (267.9 lm/m)	75.5 lm/ft (247.6 lm/m)	62.2 lm/ft (203.9 lm/m)				
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	15	18.6 lm/ft (61.1 lm/m)	17.2 lm/ft (56.5 lm/m)	14.2 lm/ft (46.5 lm/m)	12 in. (30.5 cm)	N/A	N/A	✓ IP67
			Green	38	47.2 lm/ft (154.8 lm/m)	43.6 lm/ft (143 lm/m)	35.9 lm/ft (117.8 lm/m)				
			Blue	8	9.9 lm/ft (32.6 lm/m)	9.2 lm/ft (30.1 lm/m)	7.6 lm/ft (24.8 lm/m)				
			White	38	47.2 lm/ft (154.8 lm/m)	43.6 lm/ft (143 lm/m)	35.9 lm/ft (117.8 lm/m)				
			All	31	154 lm/ft (505.1 lm/m)	142.3 lm/ft (466.7 lm/m)	117.2 lm/ft (384.4 lm/m)				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	263.1 lm/ft (863 lm/m)	244.8 lm/ft (803.25 lm/m)	201.6 lm/ft (661.5 lm/m)	12 in. (30.5 cm)	✓	✓	✓

DIODE VISIBILITY CHART (Data below applies to installations with Milky lens only)

			No Visible Diode = N						With Visible Diode = Y		
Static White & Static Color RibbonLyte			Color Changing RibbonLyte								
0.75/1.5/2.2	3.0/4.4	5.0/6.0	2.2 RGB	4.4 RGB	8.8 RGB	4.4 RGBW/A	5.5 4-in-1 RGBW/A		8.8 RGBW/A	Warm Dim	Variable White
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68
N	N	N	Y	N	N	Y	N	Y	N	N	N

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS



30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers

Part No.:

- DRVW2430 (30 Watt)
- DRVW2460 (60 Watt)
- DRVW2496 (96 Watt)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



240W, 320W Non-Dimming Electronic Drivers

Part No.:

- DRVW24240 (240 Watt)
- DRVW24320 (320 Watt)

Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized



40W Lutron Hi-Lume 1% Dimming Class 2 Drivers

Part No.:

- DRVLUT24403W (40 Watt, 3-wire)
- DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC (3-wire model)
or 120V (2-wire model)
IP Rating: Dry or Damp
Dimmable using 2-wire forward phase,
3-wire+G or digital EcoSystem
UL Listed



96W Lutron Hi-Lume Premier 0.1% Dimming Class 2 Driver

Part No.:

- DRVLUT24963W (96 Watt, 3-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
Dimmable using 3-wire+G or digital EcoSystem
0.1% dimming SoftOn/FadeToBlack
with EcoSystem
UL Listed

MAGNETIC, ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



120 VAC

60W, 96W, 200W, 300W Class 1 & 2 Magnetic Drivers

Part No.:

- DRVWDIM2460 (60 Watt)
- DRVWDIM24100 (96 Watt)
- DRVWDIM24200 (200 Watt)
- DRVWDIM24300 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 120 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed



277 VAC

60W, 96W, 200W, 300W Class 1 & 2 Magnetic Drivers

Part No.:

- DRVWDIM2460277 (60 Watt)
- DRVWDIM24100277 (96 Watt)
- DRVWDIM24200277 (200 Watt)
- DRVWDIM24300277 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 277 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed



60W, 96W, 150W, 200W ELV & MLV Drivers

Part No.:

- DRVW2460ELV (60 Watt)
- DRVW2496ELV (96 Watt)
- DRVW24150ELV (150 Watt)
- DRVW24200ELV (200 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-130 VAC
IP Rating: Dry or Damp
Dimmable
ETL, UL and CSA Listed



LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON DIVA Dimmer

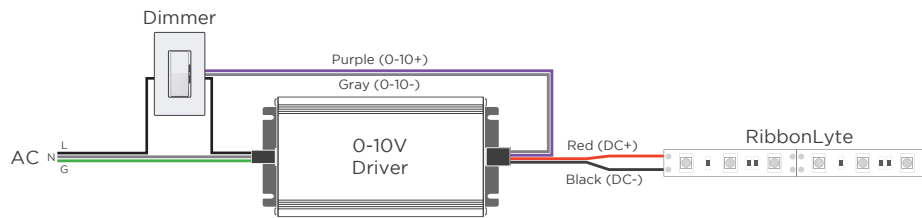
Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

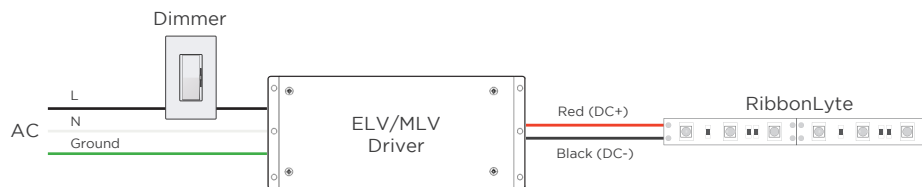
Note: For more options, please reference the Optional Dimmer List on Acolyte product website page.

WIRING DIAGRAMS

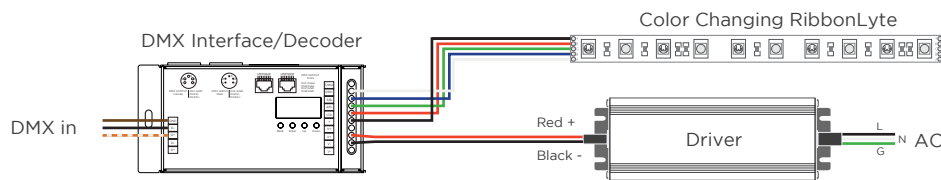
0-10V



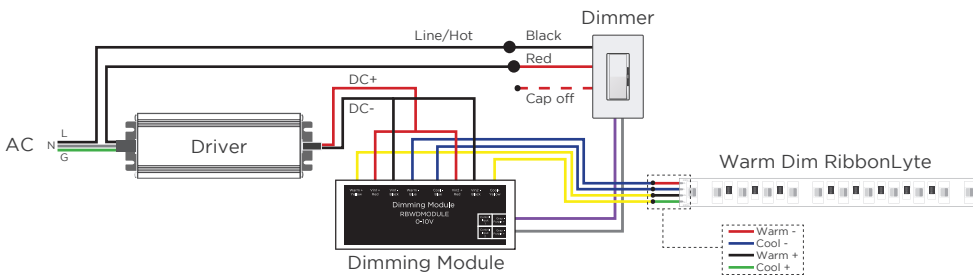
MLV / ELV



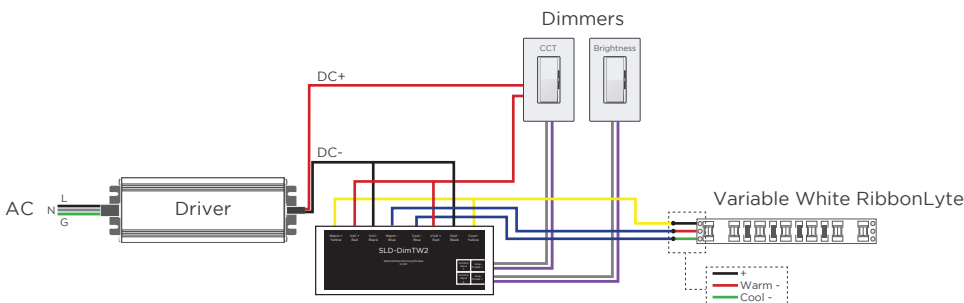
DMX



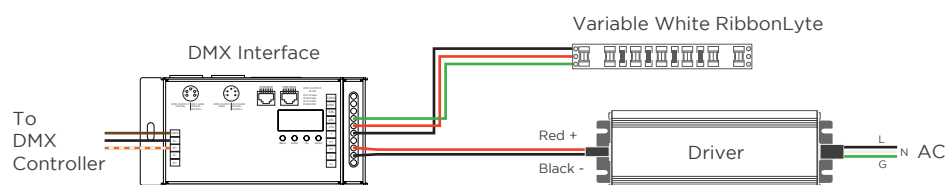
WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

Red Wire (+) Positive
Black Wire (-) Negative

RGB

Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel

RGBW/A

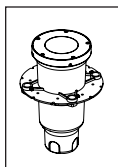
Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

WARM DIM

Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel

VARIABLE WHITE

Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel



Precision²
SOLID STATE LIGHTING
BKSL
Integral Driver



LDC
University Place
Mall

FB9

HP2

PROJECT: Proj.# 180.02

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

Example - **HP2** - **LED** - **TR** - **x58** - **NFL** - **SAP** - **11/12** - **D12INC** - **MT** - **AH**

Material

Blank - Aluminum

B - Brass

S - Stainless Steel

Series

HP2 - Precision² In-grade with Flush Mounted Faceplate

OptiLock[®]

LED - 'X' Technology with Chip on Board Construction

Housing

TR - Integral Housing

LED Type

x58 - 12WLED/2.7K

x61 - 20WLED/2.7K

x43 - 34WLED/2.7K *only available with NFL and WFL optics

x59 - 12WLED/3K

x62 - 20WLED/3K

x44 - 34WLED/3K *only available with NFL and WFL optics

x60 - 12WLED/4K

x63 - 20WLED/4K

x45 - 34WLED/4K *only available with NFL and WFL optics

Optics

SP - Spot (15°) *For use with x58, x59, x60, x61, x62 and x63

FL - Flood (35°) *For use with x58, x59, x60, x61, x62 and x63

NFL - Narrow Flood (25°) *For use with x43, x44 and x45

WFL - Wide Flood (60°)

Finish

Aluminum & Brass Faceplates

Powder Coat Color	Satin	Wrinkle
Bronze	BZP	BZW
Black	BLP	BLW
White (Gloss)	WHP	WHW
Aluminum	SAP	—
Verde	—	VER

Brass Faceplates

Machined	MAC
Polished	POL
Mitique™	MIT

Stainless Faceplates

Machined	MAC
Polished	POL
Brushed	BRU Interior use only.

Premium Finish

ABP Antique Brass Powder	CMG Cascade Mountain Granite	RMG Rocky Mountain Granite
AMG Aleutian Mountain Granite	CRI Cracked Ice	SDS Sonoran Desert Sandstone
AQW Antique White	CRM Cream	SMG Sierra Mountain Granite
BCM Black Chrome	HUG Hunter Green	TXF Textured Forest
BGE Beige	MDS Mojave Desert Sandstone	WCP Weathered Copper
BPP Brown Patina Powder	NBP Natural Brass Powder	WIR Weathered Iron
CAP Clear Anodized Powder	OCP Old Copper	Also available in RAL Finishes See submittal SUB-1439-00

Accessory Select up to 2. Requires Accessory Holder.

- 11** - Honeycomb Baffle
10 - Spread Lens

- 12** - Soft Focus Lens
13 - Rectilinear Lens

Driver Type (Driver Wattage must match Fixture Wattage)

D12INC - 12W Dimming Driver (for use with Incandescent Dimmer. 120V only)

D20INC - 20W Dimming Driver (for use with Incandescent Dimmer. 120V only)

D34INC - 34W Dimming Driver (for use with Incandescent Dimmer. 120V only)

Input Voltage

MT - 120-277 VAC Input

Option

AH - Accessory Holder (Accommodates up to 2 Media)

DG - Dome Glass Lens (Replaces Flat Glass.

Not Driveover Rated!

GM-R - Round Grout Mask

GM-S - Square Grout Mask

GS - Glare Shield**

HD - Half Dome**

RG - Rock Guard**

RO - Rock Guard with Optical Opening*

TC - Traction Control Lens (Replaces Flat Glass)

**Furnished in copper free aluminum. Finish to Match Faceplate.
Dome lens included.

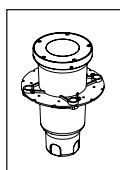
B-K LIGHTING

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RELEASED
11-7-17

DRAWING NUMBER
SUB-2405-00

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Precision²
SOLID STATE LIGHTING
BKSSL[®]
Integral Driver



LDC
NCCS Library
Proj.# 515.01
Issue Date:12-03-2019

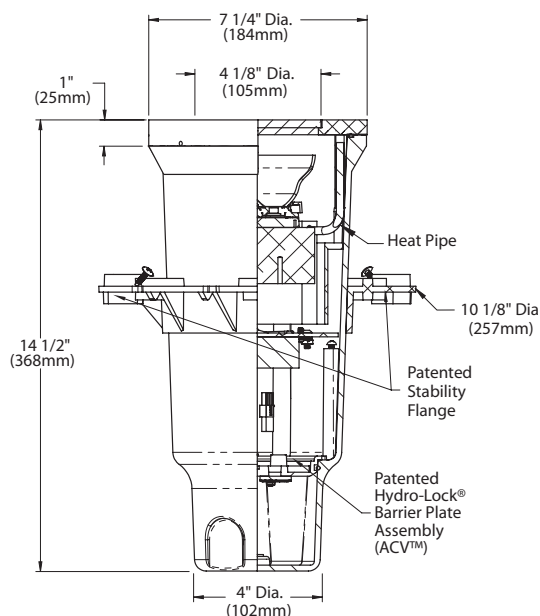
FX4

HP2

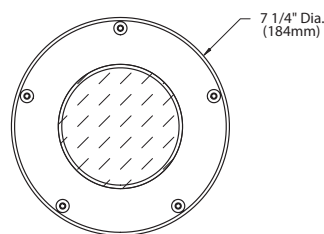
PROJECT:

TYPE:

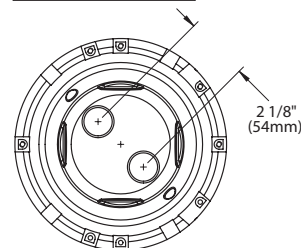
SIDE VIEW



TOP VIEW



BOTTOM VIEW



DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	≥0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	≥0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D34INC	105-305	50/60	YES	≥0.94	≤5%	-30°C to 50°C (-22°F to 140°F)	Incandescent	10-100%	<250mA

All dimensions indicated on this submittal are nominal.
Contact Technical Sales if you require more stringent specifications.

SPECIFICATIONS

GreenSource Initiative[™]

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Fixture Housing

Corrosion-free composite, made from high strength, thermo-formed, sheet molded polyester compound. Glass reinforced, flame retardant and UV stabilized. (2) bottom-entry, 3/4" NPT female conduit entries with knockout plugs and (4) side flats for 1/2" or 3/4" conduit adapters.

Patented Stability Flange

Corrosion-free composite flange projects into installation sub-strate to reinforce housing stability. Integral REBAR saddles simplify installation onto concrete form. (4) Orthogonal bosses permit use of 1/2" PCV conduit or EMT to simplify vertical position and leveling of housing. Pre-set self-tapping screws anchor housing at proper elevation.

Aiming

Dual axis heat sink system rotates 360° and provides vertical adjustment up to 15° from nadir. Positive lock action ensures optical orientation.

BKSSL[®]

Integrated solid state system with 'X' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance.

LM-80 certified. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL[®] technology provides long life, significant energy reduction and exceptional thermal management.

Color Management

Corrected cold phosphor technology delivers near-perfect natural white light. Long term phosphor maintenance over product life. Exact color point conformity exceeds ANSI C78.377 standard. Provides uniform beam with no color variation over angle. Module exceeds 80 CRI (RA>80, R9>16).

Optics

Interchangeable OPTIKIT[™] modules permit field changes to optical distribution.

Installation

Integral, copper-free aluminum concrete pour collar (CPC), furnished in Black finish, permits for direct burial installation in soil or concrete. Consult Drainage Installation Guide for In-Grade Fixtures (DIG-IT) for compliance with proper soil preparation and drainage requirements prior to installation.

Driver Assembly

For use with [1] 700mA (D12INC and D20INC) / 1.05A (D34INC), Class A, constant current driver. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <250mA in-rush current, 0.25A input current, ≤20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant. Dimming driver for use with standard incandescent dimmers. 10-100% range.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

Heat Management

Patent pending heat sink system with Heat Pipe technology. Utilizes copper heat pipes that actively accelerate the heat transfer away from the LED with pure conduction to the exterior of the housing without compromising lumen output. Ensures longer extended lifetime performance of LED. Heat pipe technology adjustable 20W and 34W only. 12W not required.

Wiring / Connectors

Teflon[®] coated wire, 18 gauge, 600V, 250°C rated and certified to UL1659 standard. Features OptiLock[®] and gear tray quick disconnects. Patented HydroLock[®] with anti-siphon valve (ASV[™]) wireway. (3) Water-Tight connectors supplied for line connection. Maximum (2) #10 & (1) #18. Minimum (1) #12 & (1) #18.

Water Management

Self Evacuating Airtight Lamp Module (S.E.A.L.[™]). IP-68 rated, vacuum sealed enclosure. Patented Anti-Condensation Valve (ACV[™]) eliminates condensation from optical chamber. High temperature silicone 'O' Ring at faceplate. Patented HydroLock[®] technology provides fail safe water barrier between junction box and interior components. Anti-siphon valve (ASV[™]) prevents "wicking" through conductor insulation.

Lens

High heat, shock resistant, tempered 1/4" borosilicate flat glass lens. Suitable for walk-over and drive-over applications to 35,000 lbs.

Faceplate

Solid, 1/2" machined 6061T6 aluminum with (5) black oxide, captive, stainless steel mounting screws. Faceplate options include solid, 1/2" machined brass and solid, 1/2" machined stainless steel.

Finish

StarGuard[®], our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

Listings

UL Listed. Certified to CAN/CSA/ANSI Standards. IP68 Rated. Made in the USA.



*Teflon is a registered trademark of DuPont Corporation

B-K LIGHTING

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RELEASED
11-7-17

DRAWING NUMBER
SUB-2405-00

Precision2[®] and its features are covered in whole or in part by U.S. Patent Nos. 7,033,038; 6,254,258 B1; 7,249,867 B2; 7,370,988 B2; 7,553,042; 7,560,148; and 7,699,489

DRIVER ELECTRICAL DATA

Type	AC Input Range	Frequency Hz	Power Factor At Full Load (Efficiency)	THD	InRush Current	Operating Current	Operation Ambient Temperature	Dimmer Type	Dimmer Range
D12INC	105-305Vac	50/60	> 0.94	≤5%	< 250mA	700mA	-30° C ~ 50°C	Incandescent	10-100%
D20INC	105-305Vac	50/60	> 0.94	≤5%	< 250mA	700mA	-30° C ~ 50°C	Incandescent	10-100%
D34INC	105-305Vac	50/60	> 0.94	≤5%	< 250mA	700mA	-30° C ~ 50°C	Incandescent	10-100%

LM79 DATA

BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)
x58	2700K	80	12W
	2700K	80	12W
	2700K	80	12W
x59	3000K	80	12W
	3000K	80	12W
	3000K	80	12W
x60	4000K	80	12W
	4000K	80	12W
	4000K	80	12W
x61	2700K	80	20W
	2700K	80	20W
	2700K	80	20W
x62	3000K	80	20W
	3000K	80	20W
	3000K	80	20W
x63	4000K	80	20W
	4000K	80	20W
	4000K	80	20W
x43	2700K	80	34W
	2700K	80	34W
x44	3000K	80	34W
	3000K	80	34W
x45	4000K	80	34W
	4000K	80	34W

L70 DATA

Minimum Rated Life (hrs.) 70% of initial lumens (L70)
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
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50,000
50,000
50,000

OPTICAL DATA

Angle	CBCP	Delivered Lumens
15°	3877	724
35°	1498	663
60°	629	625
15°	4059	758
35°	1568	694
60°	659	655
15°	4561	851
35°	1762	780
60°	740	736
15°	7098	1306
35°	2621	1124
60°	1048	1063
15°	7488	1378
35°	2765	1186
60°	1106	1121
15°	7800	1435
35°	2880	1235
60°	1152	1168
25°	5435	1915
60°	2697	1860
25°	5672	1998
60°	2814	1941
25°	5908	2081
60°	2931	2022

FOR USE WITH

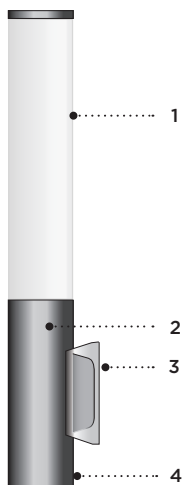
HP2	HP2 Series™
CO2	CO2 Series™

OPTICS

Optic	Angle
Spot	15°
Narrow Flood	25°
Flood	35°
Wide Flood	60°

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:							
	FIXTURE	LED LIGHT SELECTION	VOLTAGE	FINISH	OPTION	OPTION	OPTION



- 1- Ø 3" (76mm) white translucent high impact UV stabilized acrylic lens.
- 2- Ø 3" (76mm) seamless extruded aluminum housing for electrical components.
- 3- Cast aluminum mounting box.
- 4- Optional downlight component with sealed optics.

All stainless steel hardware.

CL314/CL324



ADA Compliant

MATERIALS

LumiSTIK wall is made of seamless extruded corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
LED is contained in a white translucent high impact UV stabilized acrylic sealed lens. The assembly is designed to provide a uniform illumination.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -30°C/-22°F to 60°C/140°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery. Driver for RGBW operating temperature range -20°C to +50°C/-4°F to +122°F.

LED 3000K/3500K/4000K CCT with 80 CRI. Optional RGBW.

LIFE

50,000hrs L85B50 (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

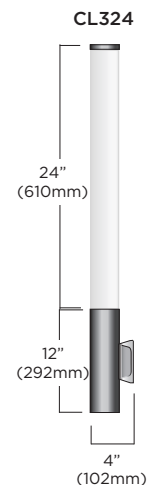
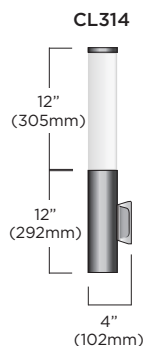
MOUNTING

Weight: CL314: 5 lbs (2.3 kg), CL324: 5.9 lbs (2.7 kg)

The mounting plate is designed to fit on a 2X4" (51x102mm) rectangular electrical box using 3.156" (80mm) C/C mounting holes. Optional trimming plate for octagonal jbox (option MT4).

CERTIFICATION

Certified and Approved as per CSA C22.2 No.: 250.0 standard and ANSI/UL 1598 standard, for wet location. Rated IP66.

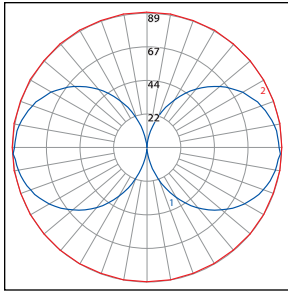


CL314/CL324 SERIES

LumiSTIK

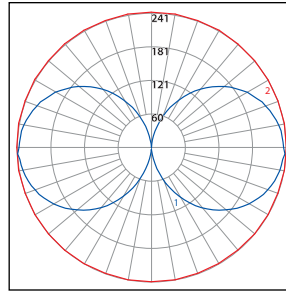
ADA Compliant

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

CL314-L4L8
Total Lms: 830 Lumens
Total Input Watts: 10W
Efficacy: 83 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 89 @ 0°H/87.5°V



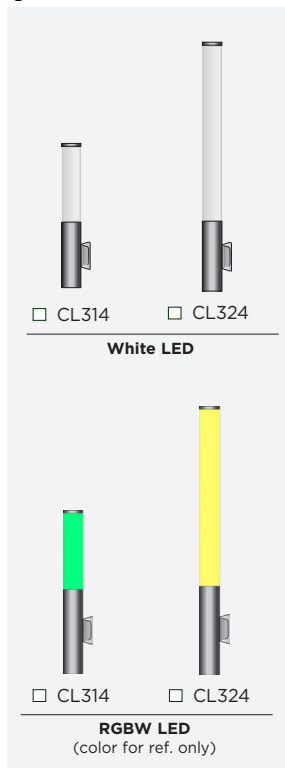
Descriptive Information

CL324-L4L20
Total Lms: 2250 Lumens
Total Input Watts: 30W
Efficacy: 75 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 241 @ 0°H/87.5°V

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

1 MODEL#



2 LED LIGHT SELECTION (4000K/80CRI)

	SUFFIX	DELIVERED LUMENS	INPUT WATTS
CL314	☐ L56W10	830	10
	☐ L112W10	830	10
CL324	☐ L112W20	1640	20
	☐ L112W30	2250	30

RGBW SELECTION ⁶

	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
CL314	☐ L4RGBW	662	12	662
CL324	☐ L4RGBW	1325	24	662

Note: Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K & 80CRI.

3 VOLTAGE¹

- ☐ 120V
☐ 277V

4 FINISH

STANDARD COLORS

- ☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
☐ RAL RAL# color
☐ MG Marine Grade⁴
(Ensure to also select the standard color)

TBD

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CL314/CL324 SERIES

LumiSTIK

MOD 2700K

OPTIONS

ELECTRICAL

- ☐ **FS** Fuse
- ☐ **REML2-50** 7W remote emergency battery backup for LED, 90 min. Remote mount 50ft - 12" square enclosure with access cover²

MOUNTING

- ☐ **MT4** Trim panel for octagonal box
- ☐ **SWK** Adaptor box for surface 3/4" conduit feed

CCT & CRI

- Alternate CCT °K LED (LCF: Lumen conversion factor)
- ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
 - ☐ **K35** 3500K CCT 80 CRI (LCF: 0.983)
 - ☐ **K4** 4000K CCT 80 CRI (LCF: 1.00)
- NOTE: Other CCT & higher CRI available, please consult factory.

DOWNLIGHT COMPONENT & REFLECTOR³

- ☐ **DL** Downlight (12W, 1078 delivered lumens)
- ☐ **R26** 26° reflector optics (standard reflector)
- ☐ **R40** 40° flood reflector optics

NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- The remote enclosure must be interior. When DL (downlight component) is selected, battery powers the DL module unless otherwise specified.
- 3- Must select downlight component and reflector (otherwise 26° reflector optics will be offered by default). Downlight CCT will match CCT selected for fixture.
- 4- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required please contact factory for info.
- 5- OAH increases by 5" for RGBW models. See page 4 for details.
- 6- RGBW not available with REML2-50, DL.

RGBW DETAILS

RGBW

Total delivered lumens⁶

Maximum output values										
SUFFIX		WHITE 4000K			TOT RGB			TOT		
		W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
CL314	☐ L4RGBW	3	374	374	9	288	288	12	662	662
CL324	☐ L4RGBW	6	749	374	18	576	288	24	1325	662

This option is not RDM. For the desired DMX addresses, the client needs to fill a separate form to provide channel addresses.

If not communicated by the client, the fixtures will be labeled and delivered with a start address at DMX1, with an increment of 4.

Fixture #1 will be on address 1, fixture #2 will be on address 5, fixture #3 will be on address 9, etc.

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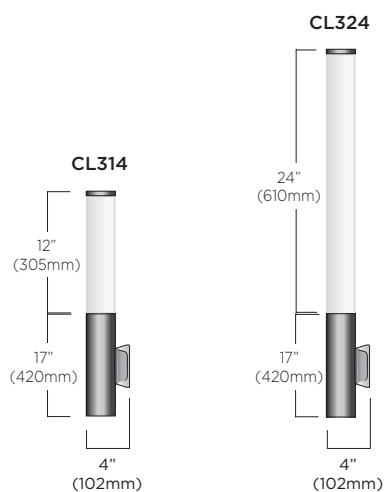
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CL314/CL324 SERIES

LumiSTIK

RGBW DIMENSIONS



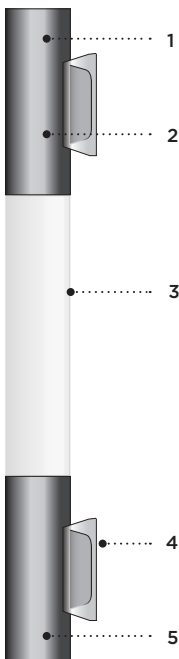
OAH⁵

OAH increases by 5" for RGBW models.



TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:	FIXTURE	LED LIGHT SELECTION	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



ADA Compliant

- 1- Optional uplight component with sealed optics.
- 2- Ø 3" (76mm) seamless extruded aluminum housing for electrical components.
- 3- Ø 3" (76mm) white translucent high impact UV stabilized acrylic lens.
- 4- Cast aluminum mounting box.
- 5- Optional downlight component with sealed optics.

All stainless steel hardware.

CL315/CL325/CL345



MATERIALS

LumiSTIK wall is made of seamless extruded corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED is contained in a white translucent high impact UV stabilized acrylic sealed lens. The assembly is designed to provide a uniform illumination.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -30°C/-22°F to 60°C/140°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery. Driver for RGBW operating temperature range -20°C to +50°C/-4°F to +122°F.

LED 3000K/3500K/4000K CCT with 80 CRI. Optional RGBW.

LIFE

50,000hrs L85B50 (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

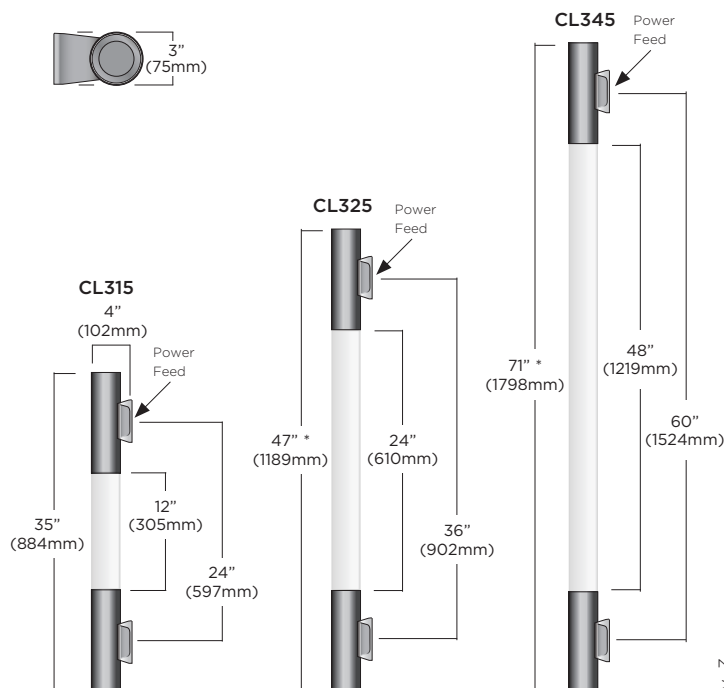
Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING

Weight: CL315: 7.8 lbs (3.5 kg), CL325: 8.7 lbs (4 kg), CL345: 10.4 lbs (4.7 kg)
The mounting plate is designed to fit on a 2X4" (51x102mm) rectangular electrical box using 3.156" (80mm) C/C mounting holes. Optional trimming plate for octagonal jbox (option MT4).

CERTIFICATION

Certified and Approved as per CSA C22.2 No.: 250.0 standard and ANSI/UL 1598 standard, for wet location. Rated IP66.



*OAH increases when UDL option is selected. See Note #4 on page 2.

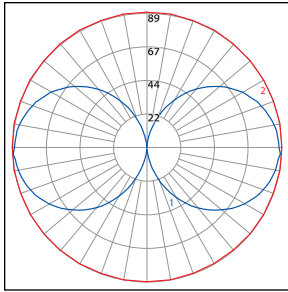
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CL315/CL325/CL345 SERIES

LumiSTIK

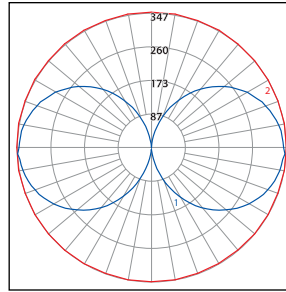
ADA Compliant

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

CL315-L4L8
Total Lms: 830 Lumens
Total Input Watts: 10 W
Efficacy: 83 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 89 @ 0°H/87.5°V



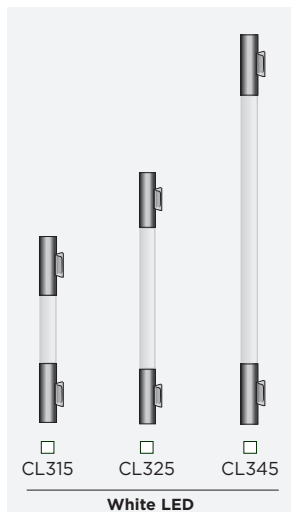
Descriptive Information

CL345-L8L30
Total Lms: 3240 Lumens
Total Input Watts: 40W
Efficacy: 81 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 347 @ 0°H/87.5°V

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

1 MODEL#



2 LED LIGHT SELECTION (4000K/80CRI)

	SUFFIX	DELIVERED LUMENS	INPUT WATTS
CL315	☐ L56W10	830	10
CL325	☐ L112W10	830	10
	☐ L112W20	1640	20
	☐ L112W30	2250	30
CL345	☐ L224W20	1660	20
	☐ L224W40	3240	40

3 VOLTAGE: 4 FINISH

- ☐ 120V
☐ 277V

STANDARD COLORS

- ☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
☐ RAL RAL# color
☐ MG Marine Grade⁵
(Ensure to also select the standard color)

RGBW SELECTION⁷

	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM/FT
CL315	☐ L4RGBW	662	12	662
CL325	☐ L4RGBW	1325	24	662
CL345	☐ L8RGBW	2650	48	662

Note: Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K & 80CRI.

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CL315/CL325/CL345 SERIES

LumiSTIK

OPTIONS

ELECTRICAL

- ☐ **FS** Fuse
- ☐ **REML2-50** 7W remote emergency battery backup for LED, 90 min. Remote mount 50ft - 12" square enclosure with access cover²

LIGHT & OPTICS

Alternate CCT °K LED (LCF: Lumen conversion factor)

- ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
- ☐ **K35** 3500K CCT 80 CRI (LCF: 0.983)
- ☐ **K4** 4000K CCT 80 CRI (LCF: 1.00)

NOTE: Other CCT & higher CRI available, please consult factory.

2700K Tube
3000K Up and down lights

REFLECTORS & UP/DOWN LIGHT COMPONENT³

Alternate reflector optics (26° Standard reflector) Reflector/spread lens combinations can be selected independently for up/down light. Select both reflector type by adding U & D to the suffix. (i.e. R40U R26D is 40° up and 26° down)

- ☐ **R26** 26° reflector optics (standard reflector)
- ☐ **R40** 40° flood optic
- ☐ **UL** Uplight (12W, 1078 delivered lumens)
- ☐ **DL** Downlight (12W, 1078 delivered lumens)
- ☐ **UDL** Uplight and downlight (24W, 2156 delivered lumens)⁴

MOUNTING

- ☐ **MT4** Trim panel for octagonal box
- ☐ **SWK** Adaptor box for surface 3/4" conduit feed

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- The remote enclosure must be interior. When DL (downlight component) is selected, battery powers the DL module unless otherwise specified.
- 3- Must select downlight component and reflector (otherwise 26° reflector optics will be offered by default). Uplight and downlight CCT will match CCT selected for fixture.
- 4- UDL option increases OAH for the following models: CL325-L112W20/L112W30 (OAH=54.5"), CL345-L224W20/L224W40 (OAH=78.5").
- 5- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required please contact factory for info.
- 6- OAH increases by 10" for RGBW models. See page 4 for details.
- 7- RGBW not available with REML2-50, UL, DL, UDL.

RGBW DETAILS

RGBW

Total delivered lumens⁷

Maximum output values										
SUFFIX		WHITE 4000K			TOT RGB			TOT		
		W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
CL315	☐ L4RGBW	3	374	374	9	288	288	12	662	662
CL325	☐ L4RGBW	6	749	374	18	576	288	24	1325	662
CL345	☐ L8RGBW	12	1497	374	36	1153	288	48	2650	662

This option is not RDM. For the desired DMX addresses, the client needs to fill a separate form to provide channel addresses.

If not communicated by the client, the fixtures will be labeled and delivered with a start address at DMX1, with an increment of 4.

Fixture #1 will be on address 1, fixture #2 will be on address 5, fixture #3 will be on address 9, etc.

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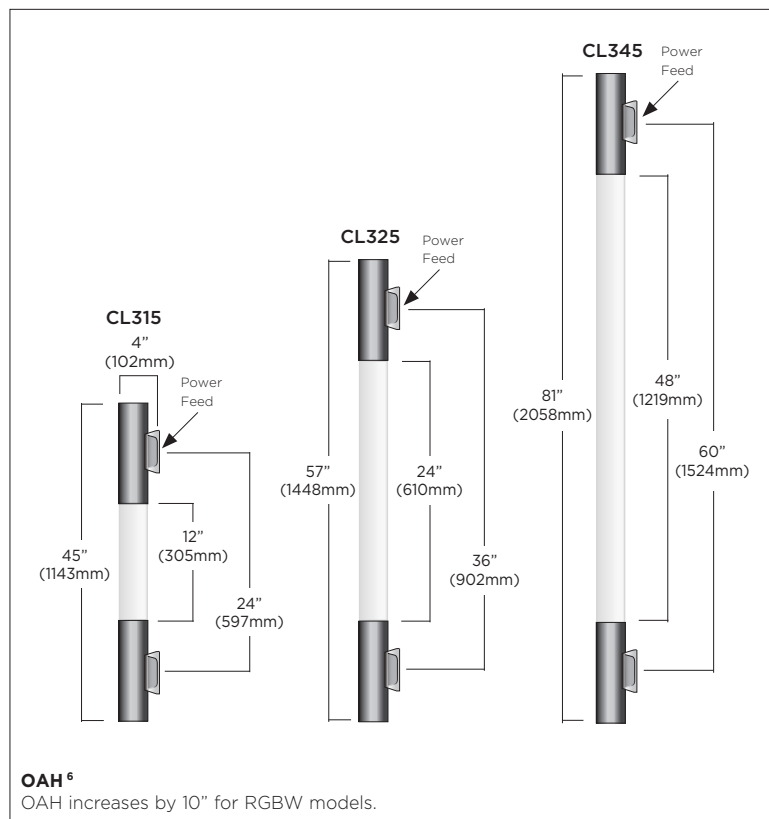
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July 2022 Rev. 3

CL315/CL325/CL345 SERIES LumiSTIK

RGBW DIMENSIONS



Specification Sheet

LDC
University Place
Building

FB12

lumenfacade
Inground
LOI

WHITE AND STATIC COLORS

Proj.# 180.02

Qty

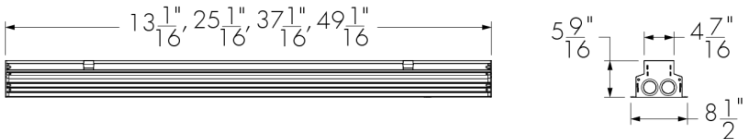
Project Name

Type

Catalog / Part Number



Top view



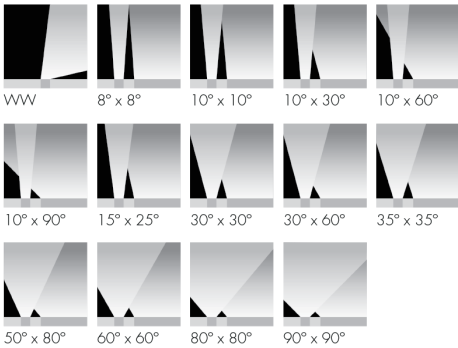
Front and side views

Photometric Summary

	Delivered output (lm)	Intensity (peak cd)
WW	3634	10,795
8°x8°	4512	59,238
10°x10°	4410	33,872
10°x30°	4586	25,296
10°x60°	3876	12,062
10°x90°	4077	6927
15°x25°	4346	19,773
30°x30°	4730	16,886
30°x60°	4035	5317
35°x35°	4612	11,616
50°x80°	4656	3904
60°x60°	3868	3368
80°x80°	4548	2992
90°x90°	4070	2132

Based on 40K full output, 4ft [1219mm], DMX/RDM configuration.
2.5° factory-set tilt setting for WW optic, 0° tilt setting for all other optics.
Photometric performance is measured in compliance with IESNA LM-79-08.

Optics



Description

The Lumenfacade Inground is an LED luminaire designed for ground-recessed lighting applications, including asymmetric wall washing, grazing, and linear wayfinding. An innovative, plug and play design simplifies installation, protecting the system from water infiltration and ensuring long-lasting performance. Featuring second generation LED technology, the Lumenfacade Inground is available in four different sizes (12 in, 24 in, 36 in or 48 in), with a wide choice of outputs, color temperatures, color-mixing systems, optics and controls. A unique asymmetric wallwash distribution is also available, providing exceptional uniformity and brightness for walls and signage.

Features

Construction	Walk over compliant up to 500 kg in any type of ground, Walk over compliant up to 1000 kg in concrete
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
Length (nominal)	12 in, 24 in, 36 in, 48 in
Optics	Asymmetric wallwash, 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 15° x 25°, 30° x 30°, 30° x 60°, 35° x 35°, 50° x 80°, 60° x 60°, 80° x 80°, 90° x 90°
Tilt Setting (factory set)	0 degrees, 2.5 degrees, 5 degrees, 20 degrees
Optical Option	Internal louver
Options	Anti-slip lens, CE (certification covers European Economic Area)
Power Consumption	5 W/ft (meets ASHRAE standards for linear lighting on building facades - not available for 12 in fixture lengths), 8.5 W/ft (RO version), 15.25 W/ft (HO version), Typically 20% higher for 12 in fixture lengths
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	4,730 lm (48 in fixture, 4000K, 30° x 30°, 0° tilt setting, DMX/RDM)

Colors and Color Temperatures**Controls**

ON/OFF 0-10V DALI

**Ratings**

IP68 IK10

Certifications

Maximum Delivered Intensity	59,238 cd at nadir (48 in fixture, 4000K, 8° x 8°, 0° tilt setting, DMX/RDM)
Illuminance at Distance	Minimum 1 fc at 243 ft (48 in fixture, 4000K, 8° x 8°, 0° tilt setting, DMX/RDM)
Color Consistency	2 SDCM, 3 SDCM (2200K)
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 280,000 hrs, L95 35,000 hrs

Physical

Optical Chamber Material	Aluminum
Blockout Material	Polymer recycled PVC reinforced with a stainless steel frame
Trim Material	Anodized aluminum
Lens Material	Tempered glass
End Cap Material	Die cast aluminum
Hardware Material	Stainless steel
Weight	12 in: 7.5 lbs, 24 in: 15.3 lbs, 36 in: 21.4 lbs, 48 in: 27 lbs

Electrical and control

Voltage	120 to 277 volts
Fixture Cable	Power and data in one cable
Leader Cable Conductor	5C #16-5
Connectors	IP68 push-lock
Control	On/Off control, Lumentalk, 0-10V dimming, DALI dimming, Lutron® EcoSystem® Enabled dimming, DMX/RDM enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit

Environmental

Storage Temperature	-40 °F to 185 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Ingress Protection Rating	IP68 rated for up to 1 ft, not suitable for permanent immersion applications
Impact Resistance Rating	IK10

Accessories (order separately)

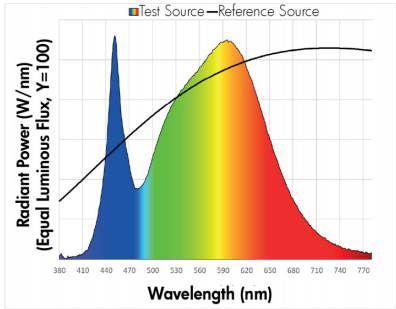
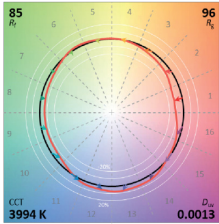
Cables	Lumenfacade Inground Leader Cable, Lumenfacade Inground Jumper Cable
Electrical Accessories	Lumenfacade Inground Junction Box
Control Boxes	DMX/RDM enabled (daisy chain or star configuration), Ethernet enabled (daisy chain or star configuration)
Control Systems	Lumentone™ 2 (LTN2), Pharos® kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID

Chromaticity Data

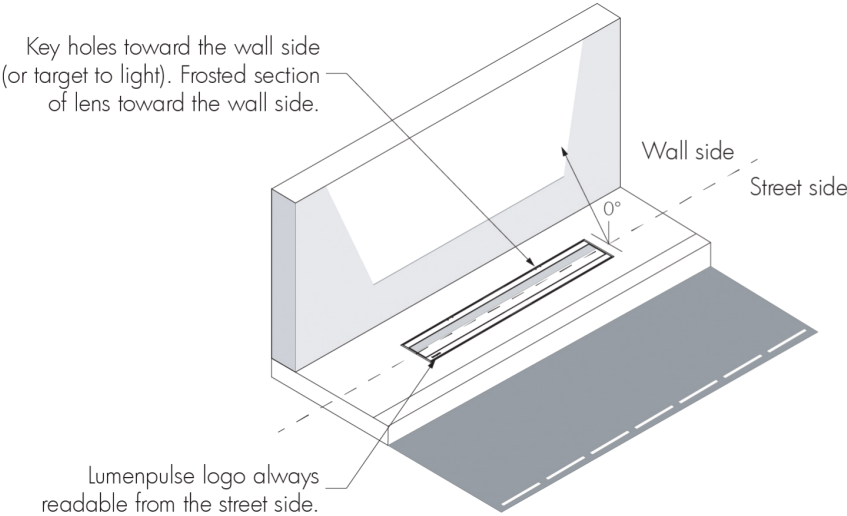
TM-30 - 4000K

Spectral Power Distribution

CCT	CIE	TM-30
4000K	R _a	83
	R _g	1.4
		85
		96
		R _g



Optical chamber orientation



Cables (order separately)

LOILC - Leader cable for Lumenfacade Inground



LOILC-CERTIFICATION-LENGTH

Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 10 ft, 25 ft or 50 ft

- Suitable for dimming/data and non-dimming applications.
- Consult Lumenfacade Inground leader cable specification sheet for details.

LOIJC - Jumper cable for Lumenfacade Inground



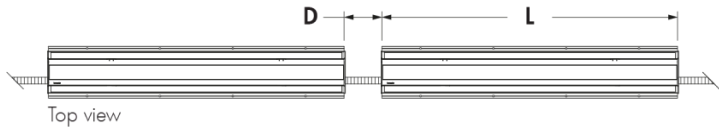
LOIJC-CERTIFICATION-LENGTH

Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 2 ft, 4 ft or 10 ft

- Suitable for dimming/data and non-dimming applications.
- Consult Lumenfacade Inground jumper cable specification sheet for details.

Jumper cable length selection



D - distance between two fixtures

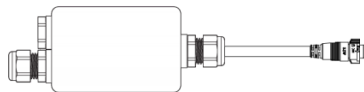
L - length of fixture

Add the length of one fixture to the distance between two fixtures: $L + D$. Order the next longest jumper cable available: 2 ft, 4 ft or 10 ft.

Example: if the distance between two 4 ft fixtures is 0.5 ft, $L + D = 4.5$ ft, therefore a 10 ft jumper cable is required.

Electrical accessories (order separately)

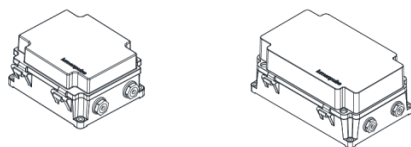
LOI-JBOX - Lumenfacade Inground Junction Box



Lumenfacade Inground IP68 sealed junction box starter kit. Use for stand alone fixtures and/or first of run installations. The LOI-JBOX accessory does not fit in 12 in fixtures.

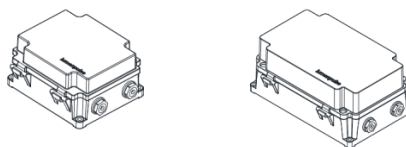
Control boxes (order separately)

CBX-DMX/RDM - DMX/RDM enabled (daisy chain or star configuration)



DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

CBX-ENET - Ethernet enabled (daisy chain or star configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

Control systems (order separately)

LTN2 - Lumentone™ 2



Lumentone 2 is a simple pre-programmed DMX 512 controller with a push button rotary dial and live feedback.

PHAROS - Pharos® kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

Diagnostic and addressing tools (order separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

LID-LT - LumentalkID



LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution details

DMX/RDM control, resolution per foot: each 12 in section is addressed independently
DMX addresses:



DMX/RDM control, resolution per fixture: each fixture is addressed independently
DMX addresses:



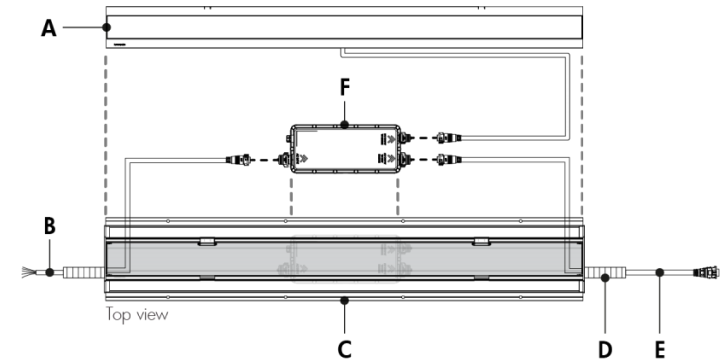
- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical wiring diagrams

Wiring color code

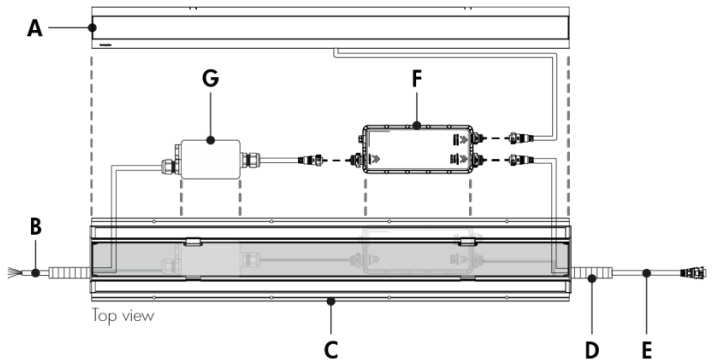
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

Typical installation with leader cable



- A - Optical chamber
- B - Leader cable (LOILC, order separately)
- C - Blockout
- D - Conduit (by others)
- E - Jumper cable to next fixture (LOIJC, order separately, for continuous run installations)
- F - PACBOX

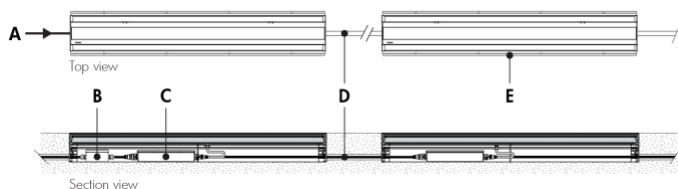
Typical installation with IP68 LOI-JBOX accessory



- A - Optical chamber
- B - Power and data input cable (by others)
- C - Blockout
- D - Conduit (by others)
- E - Jumper cable to next fixture (LOIJC, order separately, for continuous run installations)
- F - PACBOX
- G - IP68 LOI-JBOX (order separately)

The IP68 LOI-JBOX accessory cannot be used with 12 in fixtures.

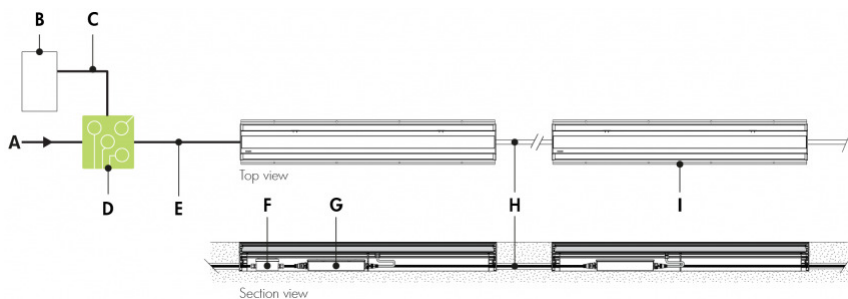
On/Off Control (NO)



- A** - Power input (120-277V, wiring by others)
- B** - IP68 LOI-JBOX (optional)
- C** - PACBOX
- D** - Jumper cable (LOIJC)
- E** - Lumenfacade Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

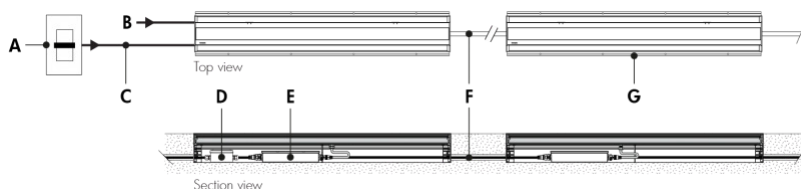
Lumentalk (LT)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from Lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-DIM, -DMX, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - IP68 LOI-JBOX (optional)
- G** - PACBOX
- H** - Jumper cable (LOIJC)
- I** - Lumenfacade Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

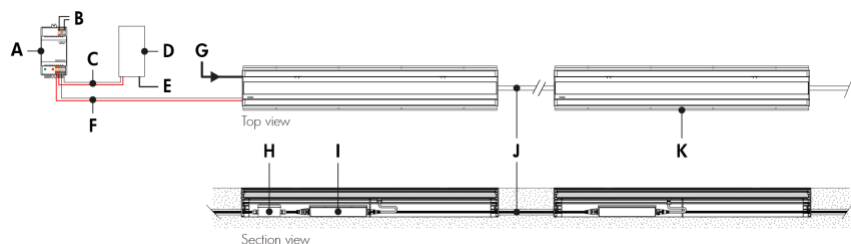
0-10V dimming (DIM)



- A** - Dimmer (by others)
- B** - Power input (120-277V, wiring by others)
- C** - Data wiring (by others)
- D** - IP68 LOI-JBOX (optional)
- E** - PACBOX
- F** - Jumper cable (LOIJC)
- G** - Lumenfacade Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3 mA per fixture, active dimmer (Current Source): 0.5 mA per fixture.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

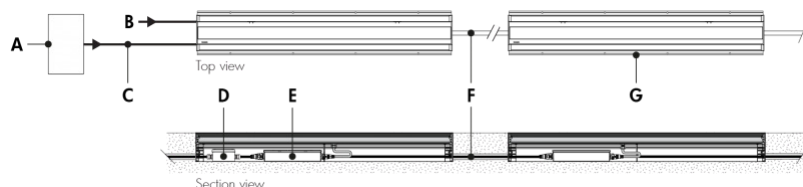
DALI dimming (DALI)



- A** - DALI bus power supply (by others)
- B** - Power input for DALI bus power supply (wiring by others)
- C** - Data output to DALI controller (wiring by others)
- D** - DALI controller (by others)
- E** - Power input for DALI controller (wiring by others)
- F** - Data output to fixture (wiring by others)
- G** - Power input (120-277V, wiring by others)
- H** - IP68 LOI-JBOX (optional)
- I** - PACBOX
- J** - Jumper cable (LOIJC)
- K** - Lumenfacade Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

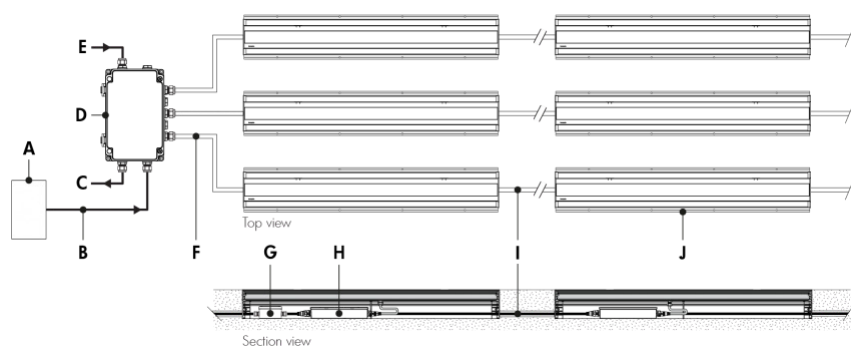
Lutron® EcoSystem® Enabled dimming (ES)



- A** - Lutron® EcoSystem® controller (by others)
- B** - Power input (120-277V, wiring by others)
- C** - Data wiring (by others)
- D** - IP68 LOI-JBOX (optional)
- E** - PACBOX
- F** - Jumper cable (LOIJC)
- G** - Lumenfacade Inground

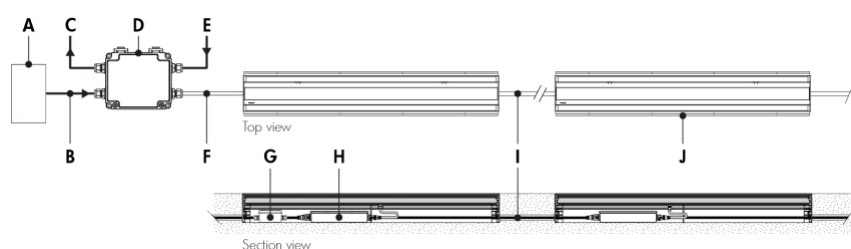
- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Each Lutron® EcoSystem® enabled fixture has its own address; for the example shown, there are a total of 2 EcoSystem® addresses.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

Star Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LOILC)
- G** - IP68 LOI-JBOX (optional)
- H** - PACBOX
- I** - Jumper cable (LOIJC)
- J** - Lumenfacade Inground

Daisy Chain Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LOILC)
- G** - IP68 LOI-JBOX (optional)
- H** - PACBOX
- I** - Jumper cable (LOIJC)
- J** - Lumenfacade Inground

Maximum Run of Fixtures, Lumenfacade® LOI ASHRAE White & Static Colors 5 W/ft

Voltage	120/277V
Maximum Run of Fixtures*	128ft

Maximum Run of Fixtures, Lumenfacade® LOI RO White & Static Colors 8.5 W/ft

Voltage	120/277V
Maximum Run of Fixtures*	120ft

Maximum Run of Fixtures, Lumenfacade® LOI HO White & Static Colors 15.25 W/ft

Voltage	120/277V
Maximum Run of Fixtures*	68ft

Based on 15A maximum, 50ft leader cable.

*Example: 120V = 120ft maximum run of end to end fixtures (30 fixtures maximum for 4ft LOI RO).

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST; maximum of 1 output per CBX-DS.
- Each fixture requires 1 DMX address.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

How to order

Housing ⁽¹⁾ (4) (5)	Voltage	Length	Color and Color Temperature ⁽⁶⁾	Optics	Tilt Setting ⁽¹⁰⁾ ⁽¹¹⁾	Optical Option	Control	Options
LOI ASHRAE Lumenfacade™ Inground, 5 W/ft ASHRAE compliant ⁽²⁾ ⁽³⁾	120/277 120-277 volts	12 13 1/16 in (7.5 lbs) ⁽⁵⁾	22K 2200K	WW Asymmetric Wallwash ⁽⁸⁾	TS0 0 degrees	INTL Internal louver ⁽¹²⁾	NO On/Off control	ASL Anti-slip lens
LOI RO Lumenfacade™ Inground, Regular Output, 8.5 W/ft ⁽³⁾		24 25 1/16 in (15.3 lbs)	27K 2700K	8x8 8° x 8° ⁽⁸⁾ ⁽⁹⁾	TS2.5 2.5 degrees			
LOI HO Lumenfacade™ Inground, High Output, 15.25 W/ft ⁽³⁾		36 37 1/16 in (21.4 lbs)	30K 3000K	10x10 10° x 10° ⁽⁸⁾ ⁽⁹⁾	TS5 5 degrees			
			35K 3500K	10x30 10° x 30° ⁽⁸⁾	TS20 20 degrees			
			40K 4000K	10x60 10° x 60° ⁽⁸⁾				
			RD Red ⁽⁷⁾	10x90 10° x 90° ⁽⁸⁾				
			GR Green ⁽⁷⁾	15x25 15° x 25° ⁽⁸⁾				
			BL Blue ⁽⁷⁾	30x30 30° x 30°				
			30x60 30° x 60°					
			35x35 35° x 35°					
			50x80 50° x 80°					
			60x60 60° x 60°					
			80x80 80° x 80°					
90x90 90° x 90°								
	9'					DIM 0-10V dimming	LT Lumentalk ⁽¹³⁾	CE (certification covers European Economic Area) ⁽¹⁵⁾
						DALI DALI dimming	ES Lutron® EcoSystem® Enabled dimming	
						DMX/RDM DMX/RDM enabled ⁽¹⁴⁾		

Notes:

1. A Lumenfacade Inground fixture includes one optical chamber (LOIC), one power and control box (PACBOX) and one recessed blackout (RBO). The LOIC, PACBOX and RBO are provided according to the output/color, length and control configuration.
2. ASHRAE version not available for 12 in fixture lengths.
3. Consult factory for products that are BAA-approved (Buy American Act).
4. Consult the installation instructions to plan all aspects of the fixture installation.
5. Power consumption is typically 20% higher for 12 in fixture lengths.
6. Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.
7. Static colors made to order 8-10 weeks.
8. 8x8, 10x10, 10x30, 10x60, 10x90, 15x25 and WW distributions come with a half-frosted lens to bring light low on the wall for grazing applications. Clear lens also available, consult factory.

9. For best results use with HO fixtures at a 6 in setback from surface. Contact factory for application support.
10. Do not specify a tilt setting for the asymmetric wallwash option. The asymmetric wallwash optic is factory set with a 2.5 degree tilt.
11. Tilt setting is factory set and cannot be adjusted in the field.
12. The addition of an internal louder will affect beam distribution. Consult factory for application support.
13. A Lumentranslator 2 (LTL2) and LumentalkID (LIDL) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
14. A control box (CBX) and LumenID (LID) must be specified.
15. Consult European specification sheet and installation instructions for CE wiring information.