

Project Name:

Location:

Specifier:

Rep Agency:

Fixture Type:

Product Code:

KLIK LEDpod™ XL28 Patented

Description

Minimalist point source LED fixture with multiple outputs for use in hollow metal structures such as guard rails, awnings, canopies and bus shelters. Asymmetric and symmetric options available. Please note these fixtures are not for use in hand rail.

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 then 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:
 - XL28 Flat: Min. internal clearance 35mm, max. wall 7mm
 - XL28R30: Ø58mm - Ø62mm, max. wall 5mm (**For 2" Pipe**)
 - XL28R35: Ø64mm - Ø72mm, max. wall 5mm
 - XL28R40: Ø74mm - Ø86mm, max. wall 5mm
 - Custom wall thicknesses available, Consult Factory*
- Cut Out: Ø28.5mm - Ø 29.5mm (1-1/8")
- Weight: 0.040kg

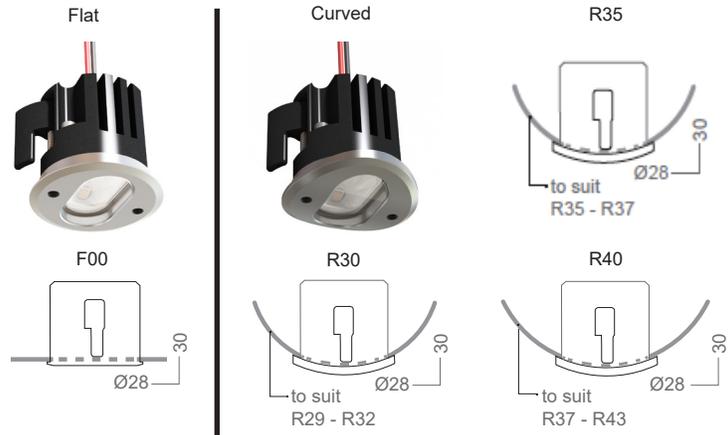
Electrical/LED Driver

- Input Voltage: 24 VDC
- Operating Temp: -40 to 120° F
- Efficiency: 88 lm/W
- Driver: Must use class 2 driver
 - Primary Driver: 110 - 277 VAC UL Listed Constant Voltage
 - Secondary Driver: 350 - 700mA Dimmable Constant Current (provided with fixture)
- Control: DALI, 0-10V, DMX
 - DMX control for dimming only, not for individually addressed LEDpod
- Enclosure: Minimum NEMA2 for indoor, NEMA 3R for outdoor

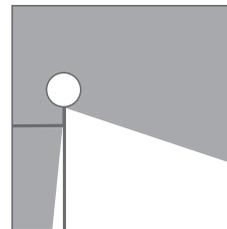
*Please note, all KLIK fixtures are now dimmable as standard
 *Must purchase Driver and Enclosure through KLIK to hold warranty

Listings

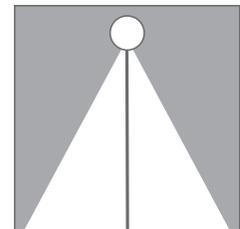
- ETL listed, UL 1598/CSA 22.2; CE
- cETL
- IP65 rated *All IP rated luminaires tested to AS60529-2004 Degrees of protection provided by enclosures (IP Code)*
- Class 3 device
- Wet location rated
- International Dark Sky Association Certified (*Color temperature must be Amber or less than 3000K*)



Shroud



Asymmetric



Symmetric



Product Codes Follow the steps to specify your fixture. Enter Product Code in field at top of page. Example: LPXL28F0027K1.4AFLD

Fixture Type	Size	Bezel Profile	Color	Wattage	Distribution	Optic	Lens ^{1,2}	Custom Bezel ^{1,2}	Custom Wall ¹
LPXL LEDpod XL	28 Fits 1-1/8" Hole	F00 Flat	27K 2700K	1.4 1.4 Watts	A Asymmetric S Symmetric	FLD Flood	Clear lens standard FRS Frosted	DUL DULUX Colors (request color guide) ANO Anodize SPC Standard Powdercoat SHR Diode shroud for horizontal mount	.25 For 1/4" Wall Thickness
		R30 30mmR	30K 3000K	1.9 1.9 Watts					
		R35 35mmR	35K 3500K	2.5 2.5 Watts					
		R40 40mmR	40K 4000K						
			50K 5000K						
			RED Red						
			GRN Green						
			BLU Blue						
			AMB Amber						
			PCA PC Amber						

1. Additional charges and lead time apply for this feature.
 2. Anodized bezel available, contact factory



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LED Performance

Lumens/Fixture or Pod

LED:	Cree XT-E	1.4W/POD Transparent		1.9W/POD Transparent		2.5W/POD Transparent	
CCT:	2700, 3000, 4000 (others available)	3000K	89	3000K	120	3000K	157
CRI:	80-85	4000K	94	4000K	127	4000K	166
Life:	80% at 50k hrs and 85° C	5000K	105	5000K	141	5000K	184
Binning:	3 MacAdam Steps						
Warranty:	5 Year Warranty						

Optics			Reflector					
			XL28 Flat		XL28R35		XL28R40	
Beam Angle			Asymmetrical	Symmetrical	Asymmetrical	Symmetrical	Asymmetrical	Symmetrical
lm	W	mA	System Lumens @4000K					
120	1.4	350	89	95	85	94	85	94
162	1.9	500	120	140	117	138	117	138
212	2.5	700	157	170	152	169	152	169

Remote Mounting Distance Chart

24 VDC 100W Driver	Approximate Distance From Driver to First LED at 30 Fixtures			
Wire Size	10 AWG	12 AWG	14 AWG	16 AWG
Distance	213'	147'	82'	48'

Calculations based on 2' centers between pods at 700mA (2.5W).
Increased spacing reduces number of pods per circuit.

Primary Driver

Primary Driver	Secondary LED Driver	Spacing	Maximum KLIK LEDpods™*
110 - 277 Primary Voltage Remotely Mounted Dimming Control 10" x 1.5" x 2"	700mA	2'	30
	500mA	2'	37
	350mA	2'	50

*Based on 16 AWG between LEDpods

Required Accessories

- LP096WPTRNDIM Class 2 IP67 driver, 110-277VAC to 24VDC constant voltage, 0-10 Dim
- LP100WPTRNDIM Class 2 Driver, Dimming, Input voltage = 120-277 VAC, Output voltage = 24 VDC, 5 year warranty
- LPNEMA2ENCL NEMA2 INDOOR enclosure for LP100WPTRNDIM, 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. Please note the KLIK UL Listing requires purchase of a remote driver and enclosure.

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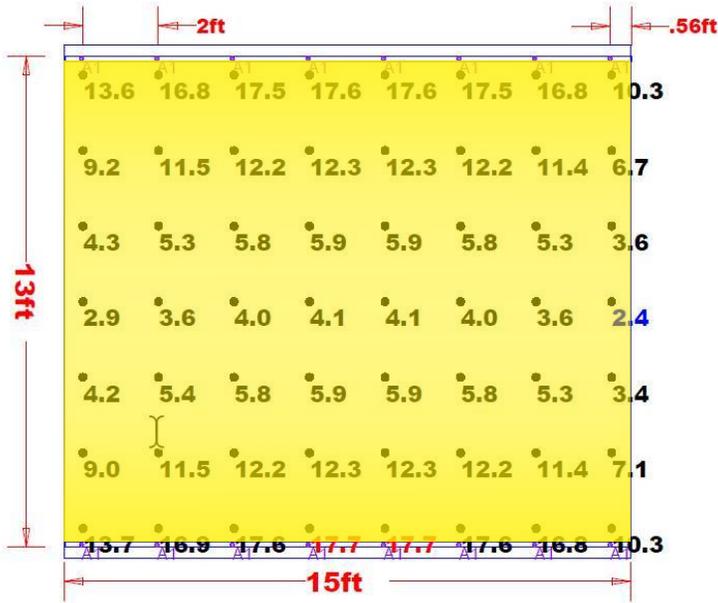
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Fixture Type:

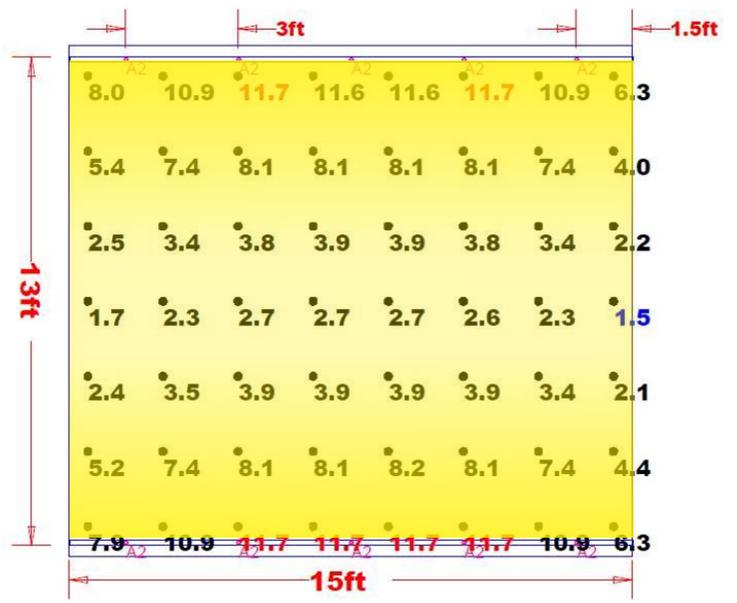
Product Code:

KLIK LEDpod™ XL Footcandle Chart

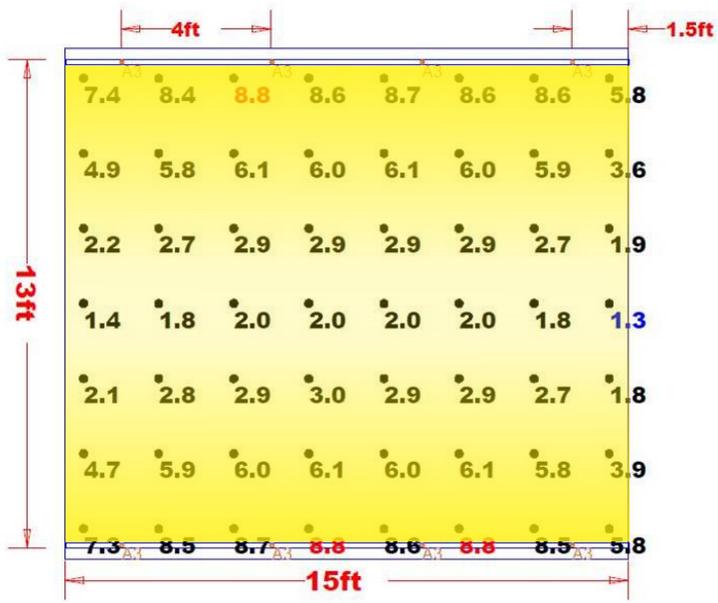
24" Between Fixtures:



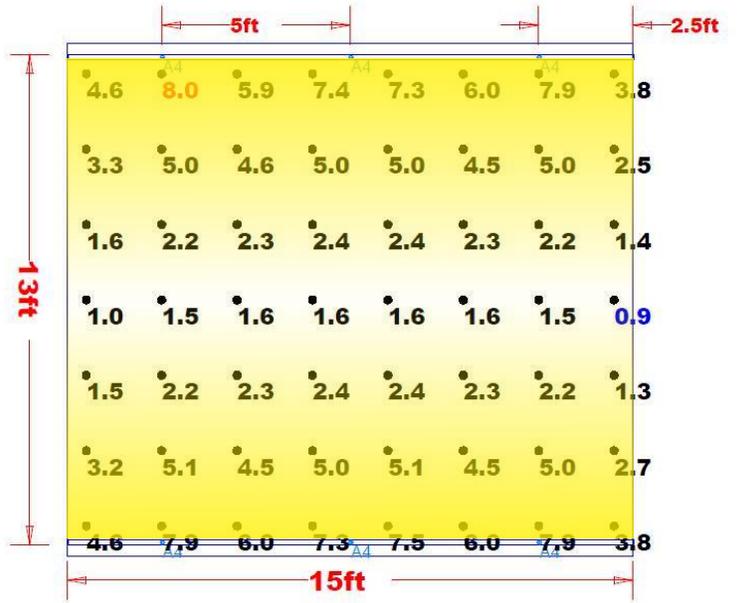
36" Between Fixtures:



48" Between Fixtures:



60" Between Fixtures:



Project Name:

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Rep Agency:

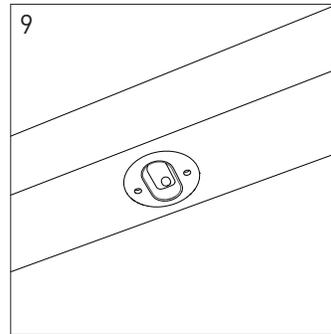
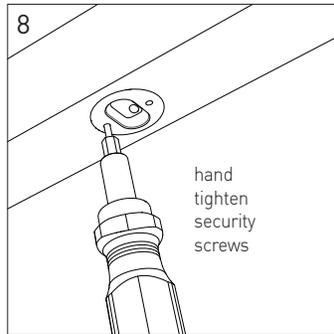
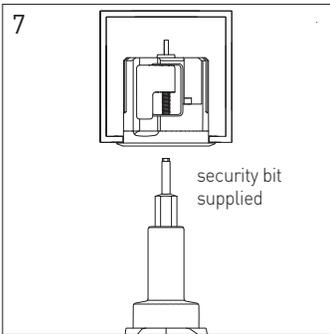
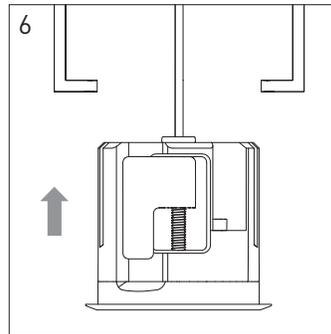
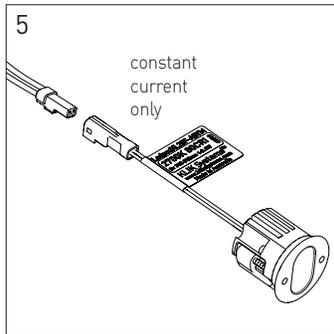
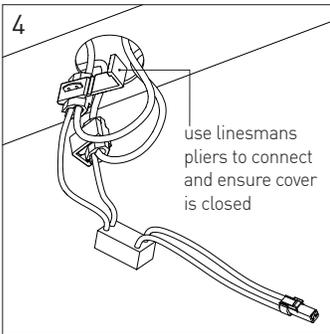
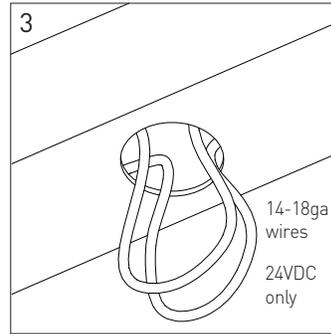
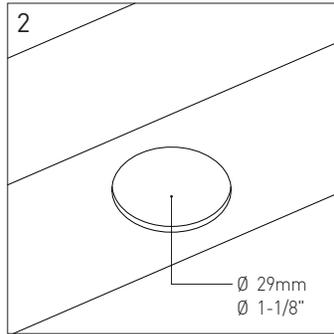
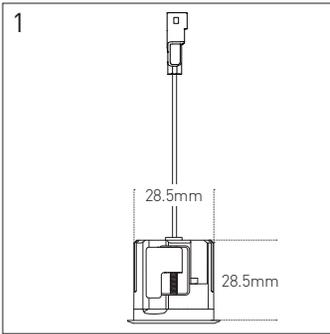
Fixture Type:

Product Code:

Installation Instructions *Additional instructions may apply, consult factory.*



Instruction Sheet
KLIK LEDpod™ XL28 Flat · 24VDC



WARNING

- Risk of fire or electric shock.
- Disconnect all power before installing or servicing.
- Installation Instruction for qualified electricians only.
- Install per National Electrical Code and local regulations.
- Read Installation Instructions completely before installation.
- Failure to follow Installation Instructions may void warranties.

To reduce risk of electric shock turn off the electrical supply before installing or servicing the light fixtures and driver. Failure to do so may result in serious injury and/or damage to the components.

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

The light source contained in this luminaire shall only be replaced by the manufacturer or the service agent or a similar qualified person.

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Location:

Specifier:

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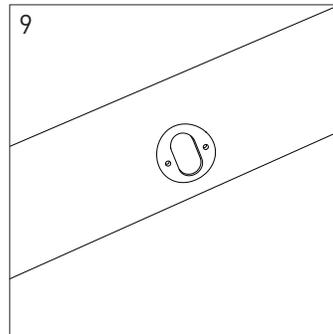
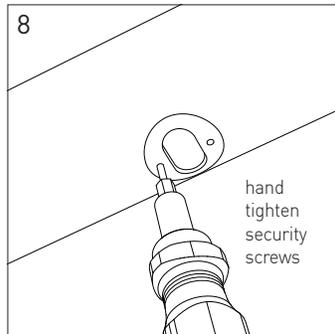
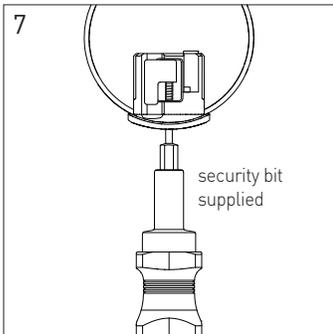
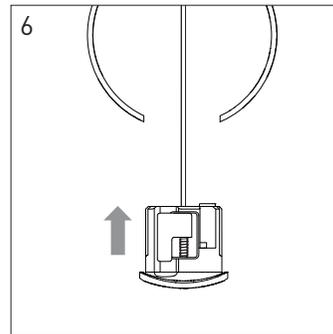
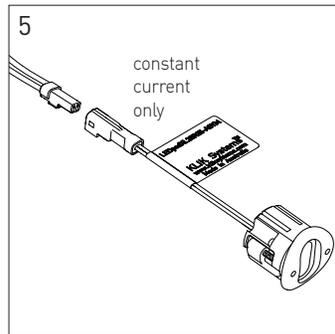
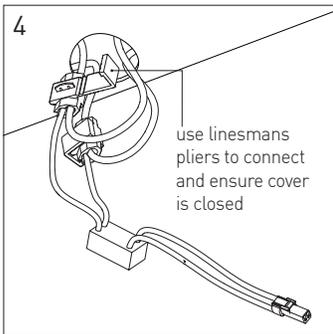
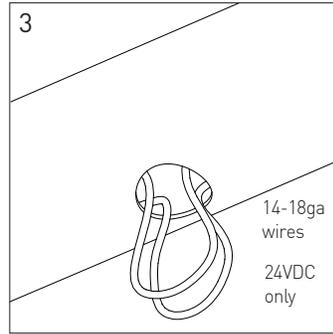
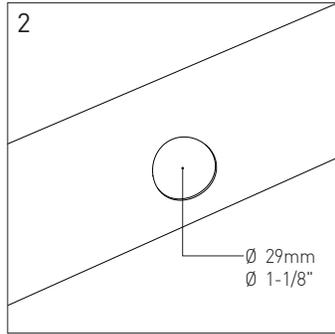
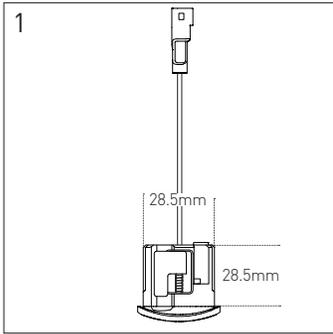
Fixture Type:

Product Code:

Installation Instructions Additional instructions may apply, consult factory.



Instruction Sheet
KLIK LEDpod™ XL28 R35 · 24VDC



WARNING

- Risk of fire or electric shock.
- Disconnect all power before installing or servicing.
- Installation Instruction for qualified electricians only.
- Install per National Electrical Code and local regulations.
- Read Installation Instructions completely before installation.
- Failure to follow Installation Instructions may void warranties.

To reduce risk of electric shock turn off the electrical supply before installing or servicing the light fixtures and driver. Failure to do so may result in serious injury and/or damage to the components.

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

The light source contained in this luminaire shall only be replaced by the manufacturer or the service agent or a similar qualified person.

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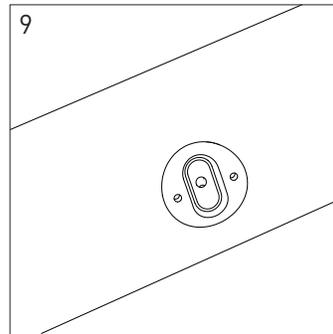
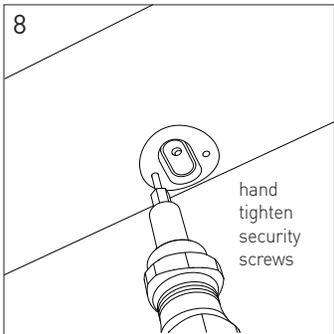
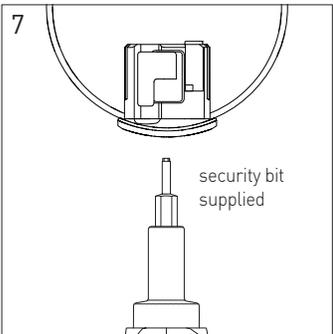
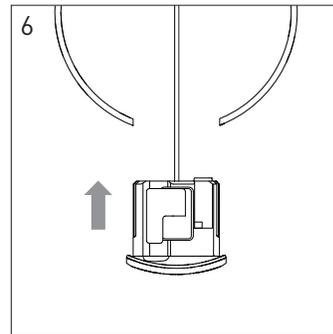
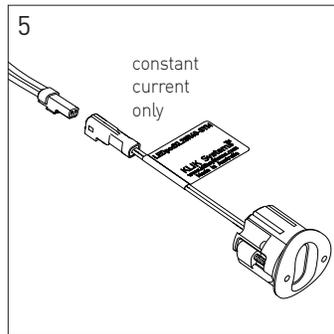
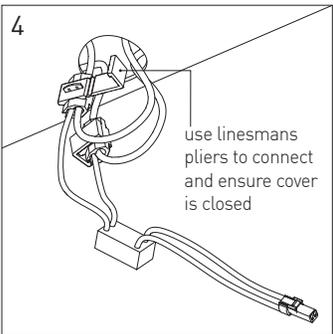
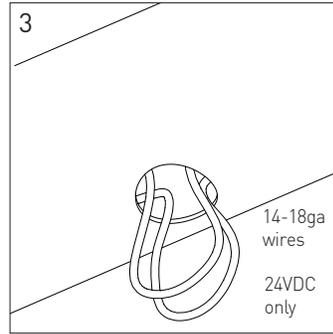
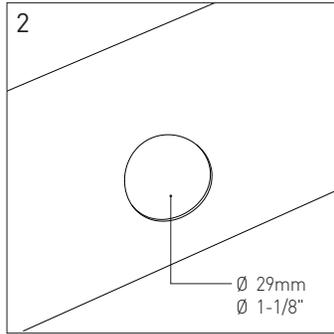
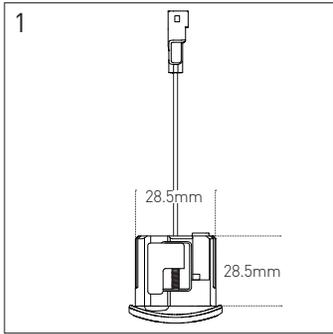
Fixture Type:

Product Code:

Installation Instructions Additional instructions may apply, consult factory.



Instruction Sheet
KLIK LEDpod™ XL28 R40 · 24VDC



WARNING

- Risk of fire or electric shock.
- Disconnect all power before installing or servicing.
- Installation Instruction for qualified electricians only.
- Install per National Electrical Code and local regulations.
- Read Installation Instructions completely before installation.
- Failure to follow Installation Instructions may void warranties.

To reduce risk of electric shock turn off the electrical supply before installing or servicing the light fixtures and driver. Failure to do so may result in serious injury and/or damage to the components.

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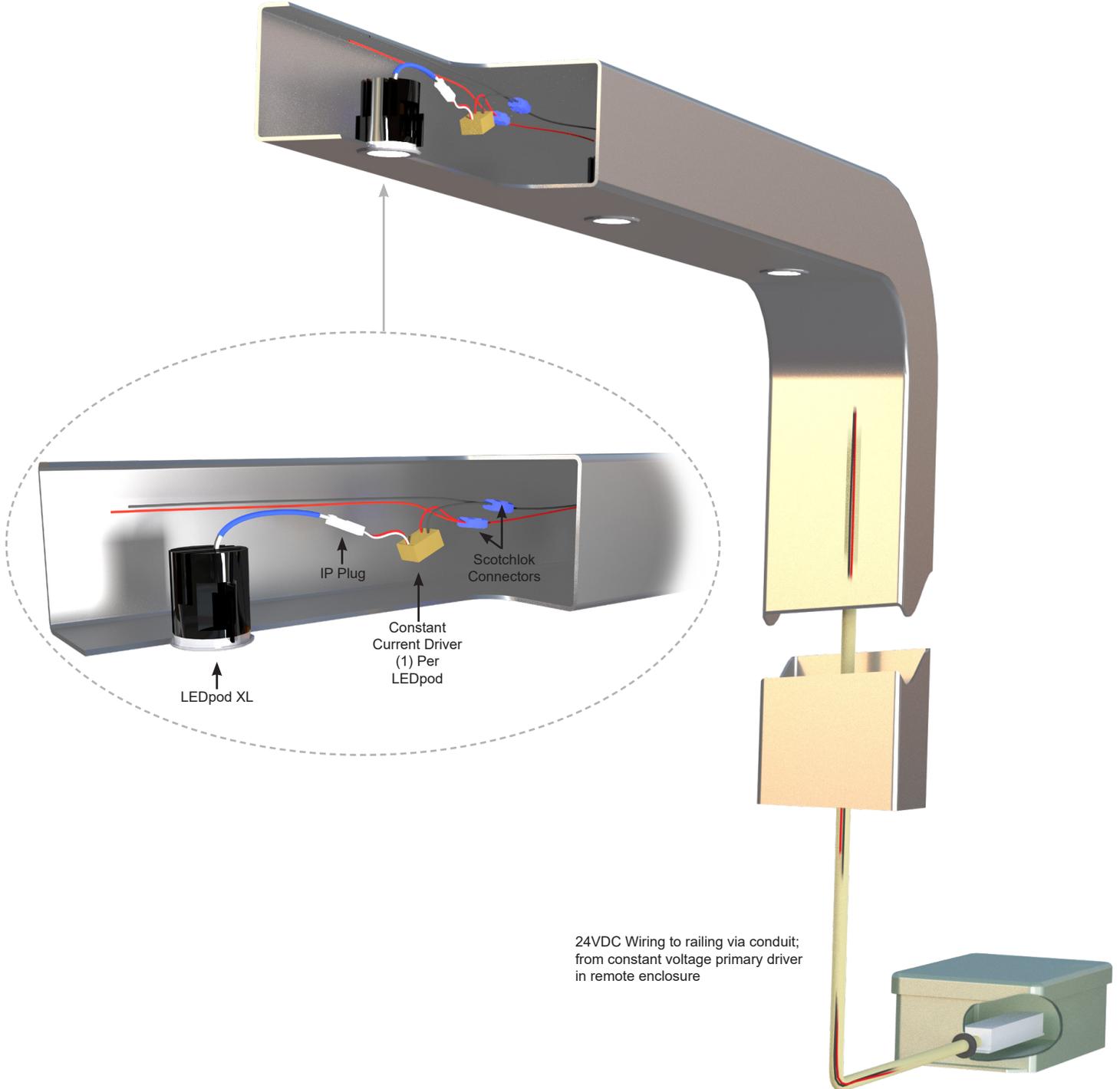
Specifier:

Rep Agency:

Fixture Type:

Product Code:

Wiring Diagram - Through Metal Structure



Project Name:

Location:

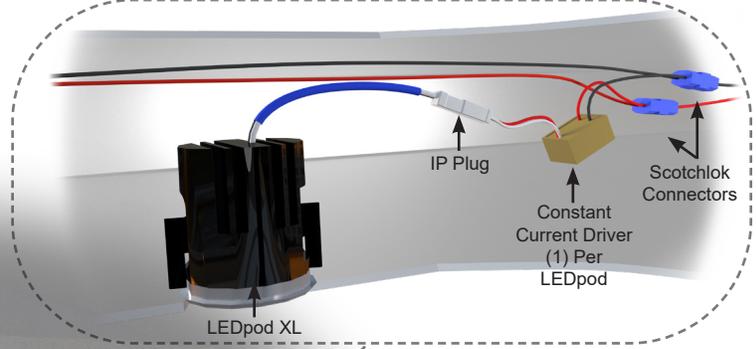
Specifier:

Rep Agency:

Fixture Type:

Product Code:

Wiring Diagram - Through Building



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

