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

KLIK LEDpod™ XL32 Patented

Flat   R50   R85

Description

Minimalist point source LED fixture with multiple outputs for use in hollow metal structures such as guard rails, awnings, canopies and custom luminaires. 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 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:
    - XL32 Flat: RHS min 65mm height, Max. wall 6mm
    - XL32R50: Ø 80-120mm, Max. wall 6mm
    - XL32R85: Ø 150-190mm, Max. wall 6mm
    - *Other sizes available upon request*
- Cut Out: 32mm (1.26")
- Weight: 0.088kg

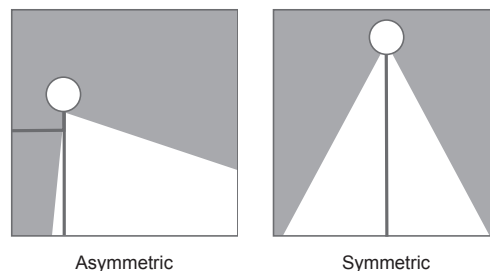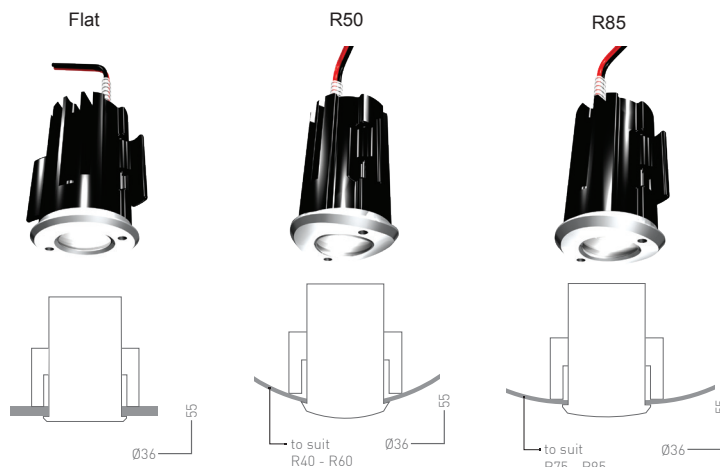55   Ø36   to suit R40 - R60   55   Ø36   to suit R75 - R95   Ø36   55

Electrical/LED Driver

- Input Voltage: 24 VDC
- Operating Temp: -40 to 120° F
- Efficiency: Up to 88 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 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 wet location rated *All IP rated luminaires tested to AS60529-2004 Degrees of protection provided by enclosures (IP Code)*
- Class II device
- Wet location rated
- International Dark Sky Association Certified *(Color temperature must be Amber or less than 3000K)*

Asymmetric   Symmetric

Product Codes

Follow the steps to specify your fixture. Enter Product Code in field at top of page. Example: **LPXL32F0030K2.3SFLD**

Fixture Type	Size	Bezel Profile	Color		Wattage	Distribution	Optic		Lens	Custom Bezel[1,2]	
LPXL LEDpod XL	**32** Drill 1.26" 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	**S** Symmetric **A** Asymmetric* *FLD optic only	**NSP** Narrow Spot **SPT** Spot **NFL** Narrow Flood **FLD** Flood **SPR** 20 x 60 Spread		*Clear lens standard* **FRS** Frosted	**DUL** DULUX Colors (request color guide) **ANO** Anodize **SPC** Standard Powdercoat **SHR** Diode shroud for horizontal mount	

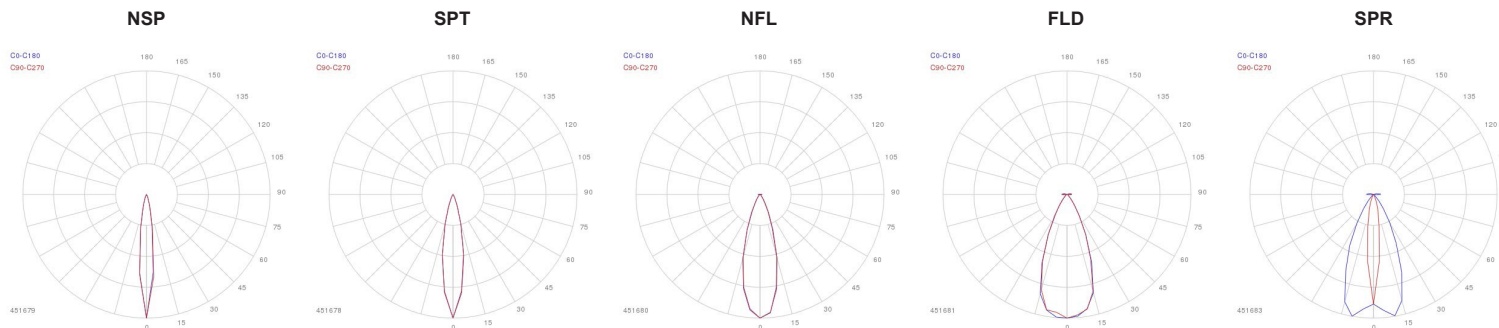1. *Additional charges and lead time apply for this feature.*
2. Contact factory

KLIK USA

2840 N Brookfield Rd, Suite 3 | PH: 262.505.5124 | www.klikusa.com
Brookfield, WI 53045 | FX: 262.753.6582 | sales@klikusa.com

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

LED Performance

LED:	Cree XT-E	CRI:	80-85	Binning:	3 MacAdam Steps
CCT:	2700, 3000, 4000 *(others available)*	Life:	80% at 50k hrs and 85° C	Warranty:	5 Year Warranty

NSP	SPT	NFL	FLD	SPR

KLIK LEDpod XL32 Symmetric Models

Beam Angle			NSP *narrow spot 10° +/-2°*	SP *spot 20° +/-2°*	NFL *narrow flood 31° +/-3°*	FL *flood 41° +/- 5°*	SPR *spreader 20x60°*
LOR defined by optics			90	89	86	85	87
lm	W	mA	System Lumens @4000K				
179	2.3	350	161	159	155	152	155
243	3.2	500	219	216	209	206	211
320	4.5	700	288	284	275	272	278
422	6.6	1000	380	375	363	359	376

KLIK LEDpod XL32 Asymmetric Models

Optics			Reflector
Beam Angle			Asymmetric
LOR defined by optics			80%
lm	W	mA	System Lumens @4000K
432	4.5	350	345

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"	1000mA	8'	12
	700mA	8'	18
	500mA	8'	24
	350mA	8'	32

*Based on 16 AWG between LEDpods

Required Accessories

LP096WPRITRNDIM Class 2 IP67 driver, 110-277VAC to 24VDC constant voltage, 0-10 Dim
LP100WPRITRNDIM Class 2 Driver, Dimming, Input voltage = 120-277 VAC, Output voltage = 24 VDC, 5 year warranty

LPNEMA2ENCL NEMA2 INDOOR enclosure for LP100WPRITRNDIM, 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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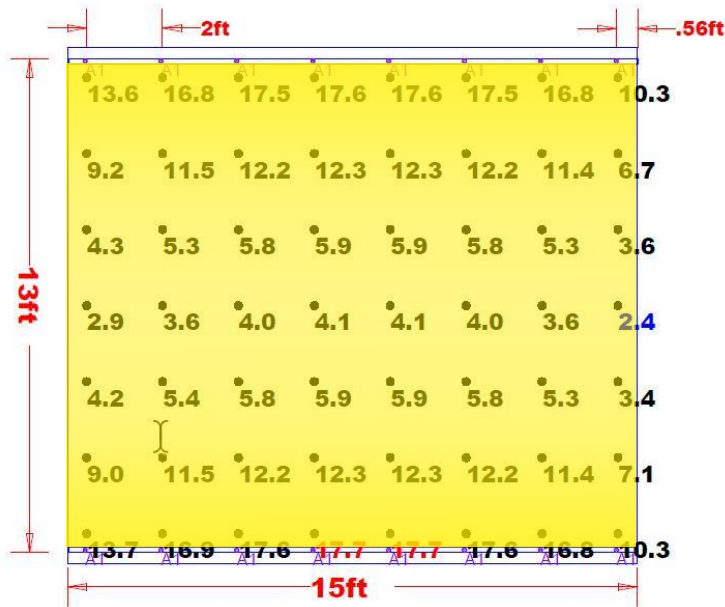| Project Name: | | Location: |
| Specifier: | | Rep Agency: |
| Fixture Type: | | Product Code: |

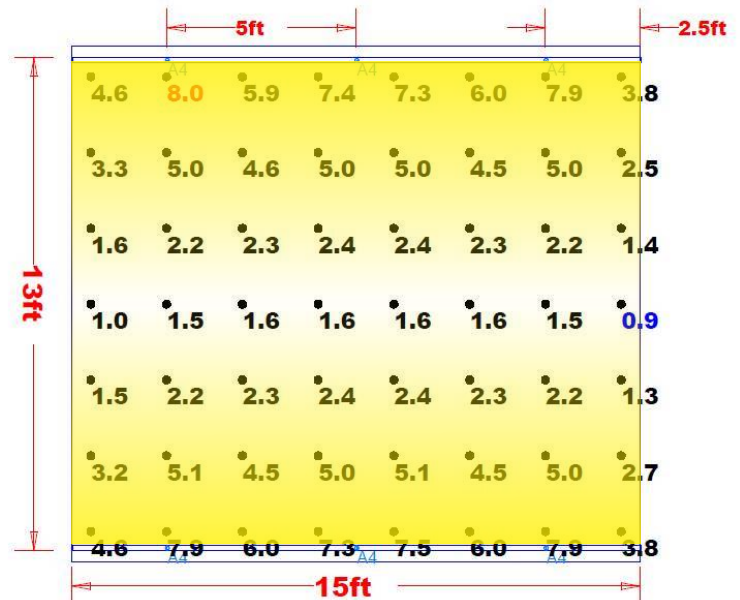## KLIK LEDpod™ XL Footcandle Chart

24" Between Fixtures:

2ft — .56ft — 13ft — 15ft

13.6	16.8	17.5	17.6	17.6	17.5	16.8	10.3
9.2	11.5	12.2	12.3	12.3	12.2	11.4	6.7
4.3	5.3	5.8	5.9	5.9	5.8	5.3	3.6
2.9	3.6	4.0	4.1	4.1	4.0	3.6	2.4
4.2	5.4	5.8	5.9	5.9	5.8	5.3	3.4
9.0	11.5	12.2	12.3	12.3	12.2	11.4	7.1
13.7	16.9	17.6	17.7	17.7	17.6	16.8	10.3

36" Between Fixtures:

3ft — 1.5ft — 13ft — 15ft

8.0	10.9	11.7	11.6	11.6	11.7	10.9	6.3
5.4	7.4	8.1	8.1	8.1	8.1	7.4	4.0
2.5	3.4	3.8	3.9	3.9	3.8	3.4	2.2
1.7	2.3	2.7	2.7	2.7	2.6	2.3	1.5
2.4	3.5	3.9	3.9	3.9	3.9	3.4	2.1
5.2	7.4	8.1	8.1	8.2	8.1	7.4	4.4
7.9	10.9	11.7	11.7	11.7	11.7	10.9	6.3

48" Between Fixtures:

4ft — 1.5ft — 13ft — 15ft

7.4	8.4	8.8	8.6	8.7	8.6	8.6	5.8
4.9	5.8	6.1	6.0	6.1	6.0	5.9	3.6
2.2	2.7	2.9	2.9	2.9	2.9	2.7	1.9
1.4	1.8	2.0	2.0	2.0	2.0	1.8	1.3
2.1	2.8	2.9	3.0	2.9	2.9	2.7	1.8
4.7	5.9	6.0	6.1	6.0	6.1	5.8	3.9
7.3	8.5	8.7	8.8	8.6	8.8	8.5	5.8

60" Between Fixtures:

5ft — 2.5ft — 13ft — 15ft

4.6	8.0	5.9	7.4	7.3	6.0	7.9	3.8
3.3	5.0	4.6	5.0	5.0	4.5	5.0	2.5
1.6	2.2	2.3	2.4	2.4	2.3	2.2	1.4
1.0	1.5	1.6	1.6	1.6	1.6	1.5	0.9
1.5	2.2	2.3	2.4	2.4	2.3	2.2	1.3
3.2	5.1	4.5	5.0	5.1	4.5	5.0	2.7
4.6	7.9	6.0	7.3	7.5	6.0	7.9	3.8

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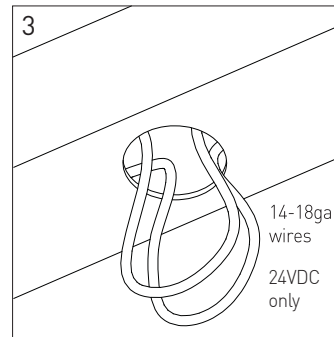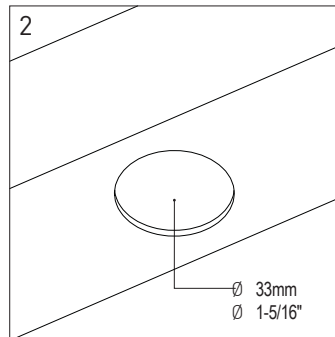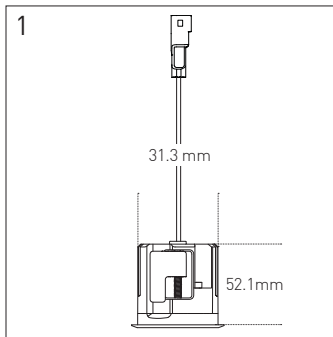| Project Name:		Location:
Specifier:		Rep Agency:
Fixture Type:		Product Code:

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

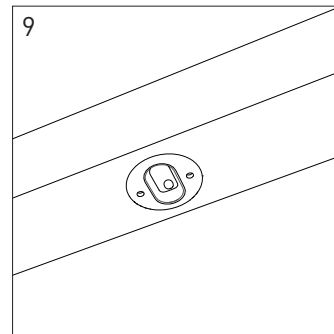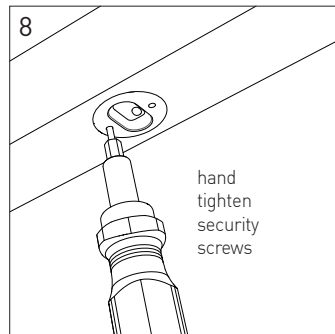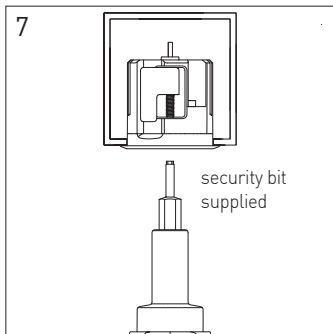**KLIK**USA | **Instruction Sheet**
KLIK LEDpod™ XL32 · 24VDC

1

31.3 mm

52.1mm

2

Ø 33mm
Ø 1-5/16"

3

14-18ga wires

24VDC only

4

use linesmans pliers to connect and ensure cover is closed

5

constant current only

6

7

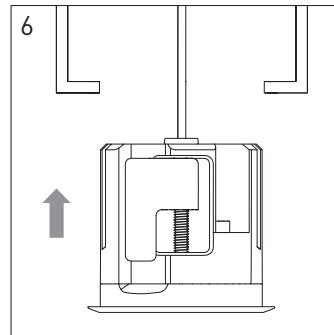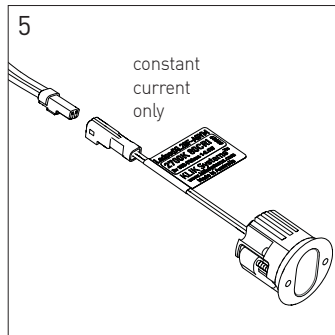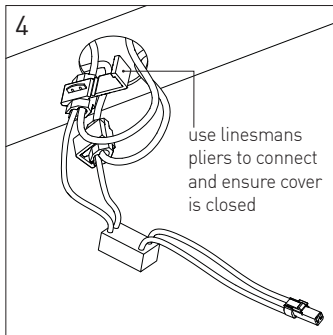security bit supplied

8

hand tighten security screws

9

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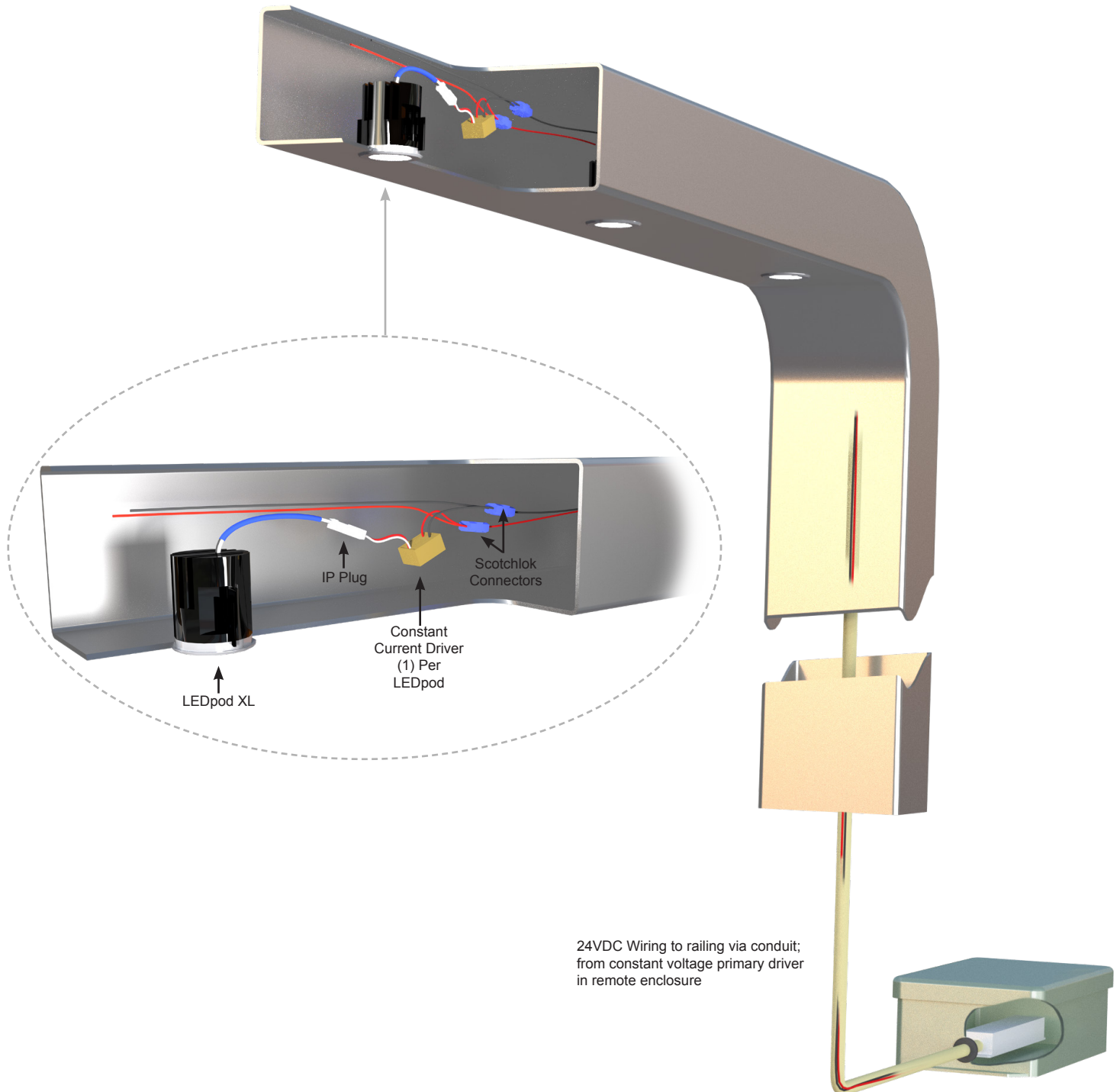| Project Name:		Location:	
Specifier:		Rep Agency:	
Fixture Type:		Product Code:	

Wiring Diagram - Through Metal Structure

IP Plug

Scotchlok
Connectors

Constant
Current Driver
(1) Per
LEDpod

LEDpod XL

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

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

Wiring Diagram - Through Building

IP Plug

Scotchlok
Connectors

Constant
Current Driver
(1) Per
LEDpod

LEDpod XL

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

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