KLIKUSA

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:	

KLIK LEDpod™ XL50 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.

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 NEMA 3R required
- Wire connectors provided; factory wire-harness available, consult factory

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
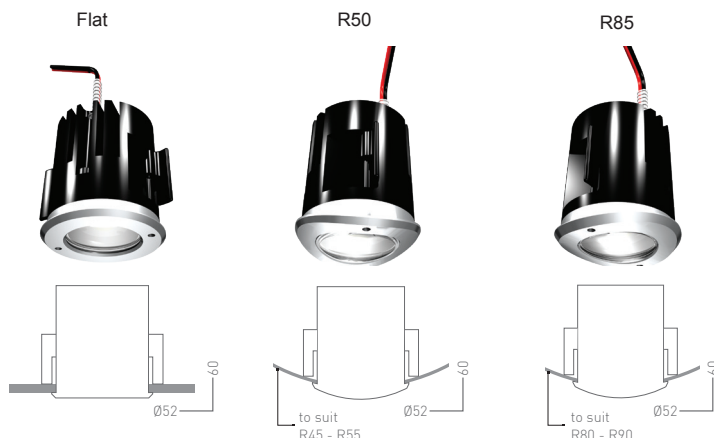
Commack Library Photo by Ola Wilk/ Wilk Marketing Communications
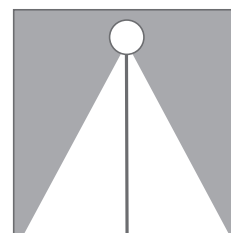
Symmetric

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	Dimming[1]	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** RGBW²		**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	**DIM** Dimmable	**RAL** Custom Powdercoat **ANO** Color Anodize **SHR** Diode shroud for horizontal mount

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

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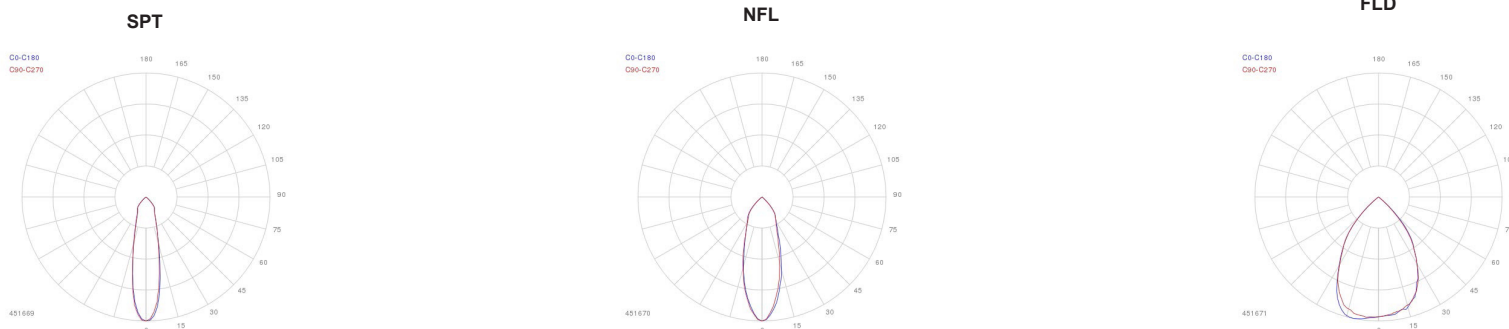
Project Name:		Location:	
Specifier:		Rep Agency:	
Fixture Type:		Product Code:	

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

SPT

NFL

FLD

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

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

LP100WPRITRNOND Class 2 Driver, Non-Dimming, Input voltage = 120-277 VAC, Output voltage = 24 VDC, 5 year warranty *Used for non-dimming KLIK LEDpods*
LP100WPRITRNDIM Class 2 Driver, Dimming, Input voltage = 120-277 VAC, Output voltage = 24 VDC, 5 year warranty *Used for dimming KLIK LEDpods*
LPNEMA3RENCL NEMA 3R Drip Proof Enclosure, 4" x 4" x 18" (IP32 Equivalent)
LPNEMA4ENCL NEMA 4 Watertight Enclosure, 14" x 8" x 6" (IP66 Equivalent)
LPNEMA6PENCL NEMA 6P Submersible Enclosure 15" x 8" x 6" (IP67 Equivalent)

Additional driver & enclosure configurations available

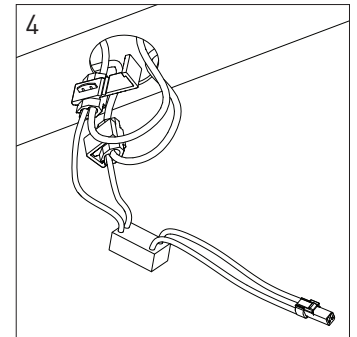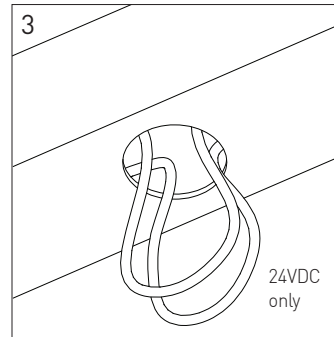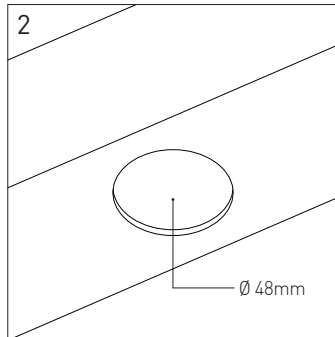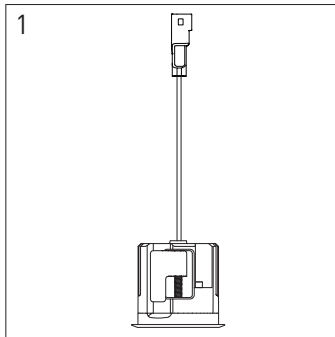| Project Name:		Location:	
Specifier:		Rep Agency:	
Fixture Type:		Product Code:	

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

Instruction Sheet
LEDpod XL50 · 24VDC
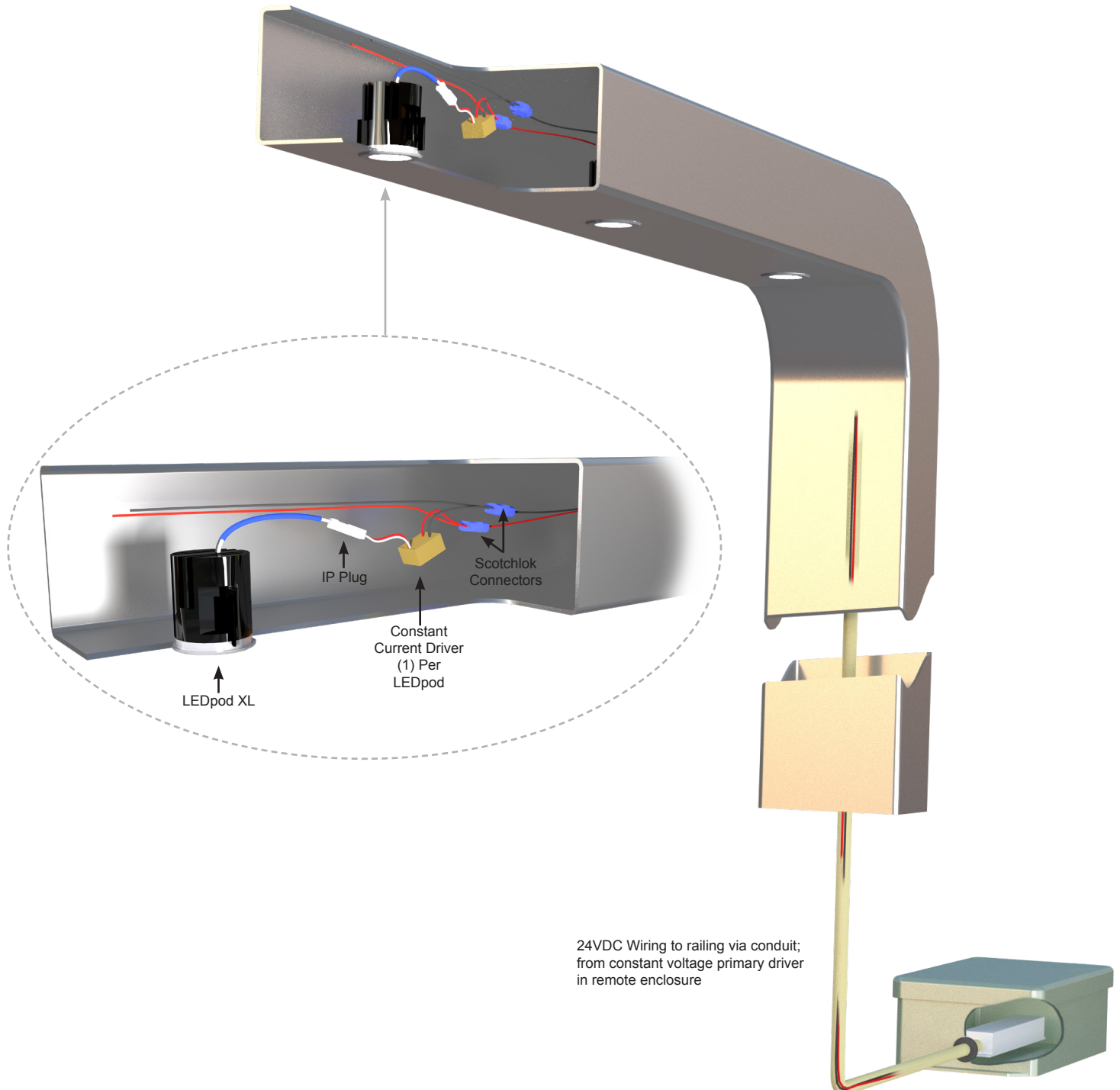
Dimensions
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Weight
0.088kg/m
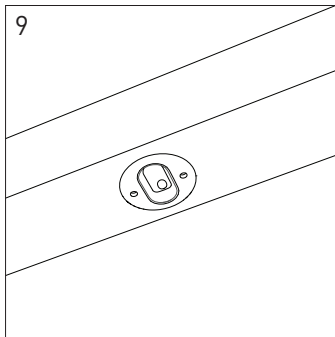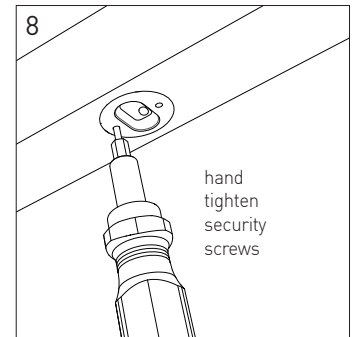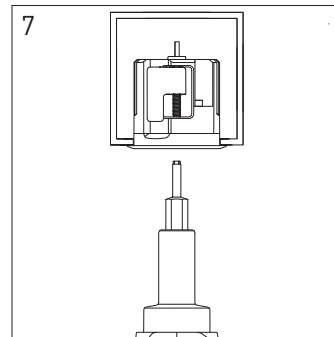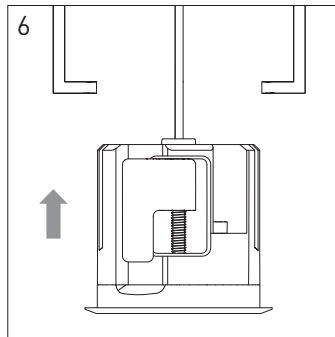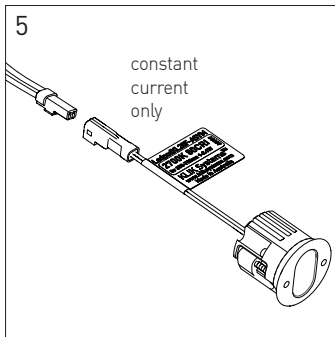
1

2

Ø 48mm

3

24VDC only

4

5

constant current only

6

7

8

hand tighten security screws

9

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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

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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