PUCK XT
Recessed LED Handrail Luminaire

WILA

DESCRIPTION

Puck XT is a self-contained recessed luminaire for installation into round or square metal handrail profiles or similar metallic structures. The lighting module is available in warm or neutral color temperatures with a choice of light distributions to satisfy a variety of installation conditions.

FEATURES

• Self-contained stainless steel IP-66 rated LED module

• Remote driver allows up to 15 PUCK XT modules per circuit

• Shunt bypass allows remaining modules to operate in case of single failure

• Three light distributions to meet varying applications

• 2700K, 3000K, or 4000K color temperatures, or True Amber

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

EXPress
SHIPPING PROGRAM

TRADE AGREEMENT ACT
COMPLIANCE
EXPERIENCE BRANDS

ORDERING INFORMATION

LUMINAIRE

MODEL	APPLICATION	CCT	OPTIC
PUCK-XT LED Handrail Module	RD Round Handrail	27K 2700K	ASB Asymmetric Beam
	SQ Square Handrail	30K 3000K	DSB Double-Sided Beam
		40K 4000K	OSB* One-Sided Beam (*for round handrail applications only)
		A True Amber (590 to 595nm - Extended Lead Time)	

REMOTE POWER SUPPLY WITH ENCLOSURE

RMTPS-UNV-20-500-DIM
Remote Power Supply With Enclosure, Universal 120/277v Input, 20 Watts, 500mA Drive Current, 0-10v Dimming; Powers 1 to 12 PUCK XT LED Modules

RMTPS-UNV-25-500-DIM
Remote Power Supply With Enclosure, Universal 120/277v Input, 25 Watts, 500mA Drive Current, 0-10v Dimming; Powers 4 to 15 PUCK XT LED Modules

ACCESSORIES

MP003 Gel-Filled Connector	**MP098** 17mm Drill Bit
MP011 PUCK XT Installation Tool	**MP099** 17mm Tap
MP016 PUCK XT Drill Guide Jig	

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PHYSICAL		PUCK XT
	HOUSING	316 Stainless Steel
	LENS	Polycarbonate
	DRIVER LOCATION	Remote (Ordered Seperately)
	DIMENSIONS	ø 0.7" x 0.6" Depth
	INSTALLATION DEPTH	0.7"
	WEIGHT	18 Ounces
	OPERATING TEMPERATURE	-4°F to 140°F (-20°C to 60°C)
	THREAD SIZE	M18 x 1 Note: For round railing, Puck XT is compatible with diameters from 1.5" to 3.9" (38mm to 100mm) with minimum wall thickness of 1⁄16" (1.5mm). ADA-compliant railing diameters are 1¼" to 2" OD.

ELECTRICAL		
	DRIVE CURRENT	500mA* *Note: For installation into non-metallic materials, consult factory.
	INPUT WATTS	1.5 Watts
	REMOTE POWER SUPPLY	20 Watt Remote Driver Powers 1 to 12 Luminaires 25 Watt Remote Driver Powers 4 to 15 Luminaires
	REMOTE DRIVER MOUNTING	Maximum Distance is 150 Feet

PHOTOMETRIC					
	CCT	Static White 2700K, 3000K, 4000K, or True Amber (590-595nm)			
	CRI	> 80			
		ROUND		SQUARE	
		3000K	4000K	3000K	4000K
LUMEN OUTPUT	ASYMMETRIC	160	171	161	170
	DOUBLE-SIDED	175	185	176	186
	ONE-SIDE NADIR	170	180	*One-sided beam is only available on round handrail applications.*	
	ONE-SIDE 30°	147	153		
	EFFICACY	Up to 123 Lumens per Watt			
	LUMEN MAINTENANCE	L90/B10 ≥ 50,000 Hours at 77°F*			
		ROUND		SQUARE	
		3000K	4000K	3000K	4000K
BUG RATING	ASYMMETRIC	B0-U1-G0	B0-U1-G0	B0-U1-G0	B0-U1-G0
	DOUBLE-SIDED	B0-U1-G0	B0-U1-G0	B0-U0-G0	B0-U1-G0
	ONE-SIDE NADIR	B0-U1-G0	B0-U1-G0	*One-sided beam is only available on round handrail applications.*	
	ONE-SIDE 30°	B0-U2-G1	B0-U2-G1		

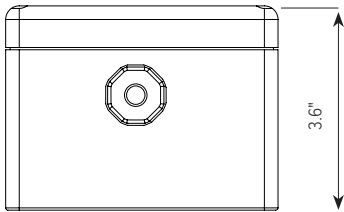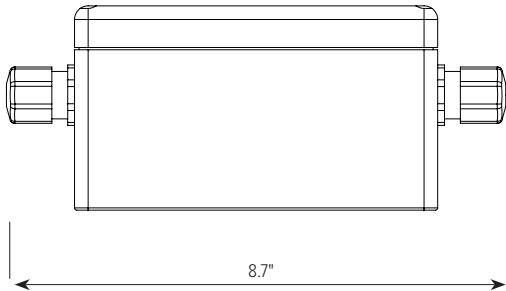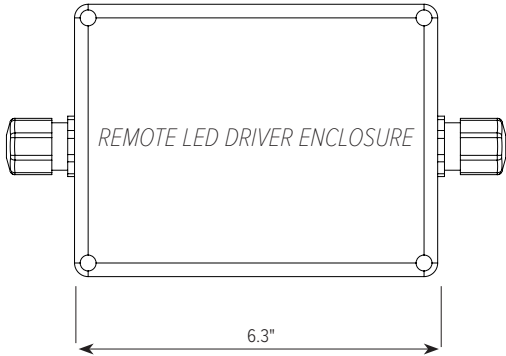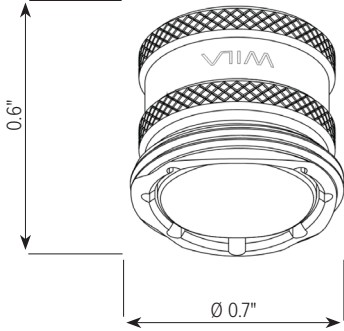| CERTIFICATIONS		
	SAFETY	CSA Certified for Wet Locations *Amber Certification Pending.*
	INGRESS PROTECTION	IP66 / NEMA 4X
	IMPACT RATING	IK10
	WARRANTY	Five Year Limited Warranty

* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear online are the most recent ones available. ¹Consult the factory to verify current status of BAA/TAA/BABAA compliance.

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DIMENSIONS

0.6"

Ø 0.7"

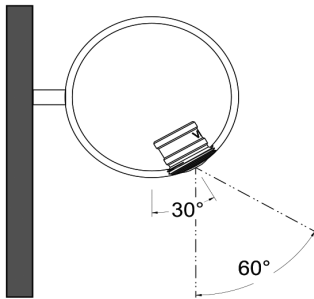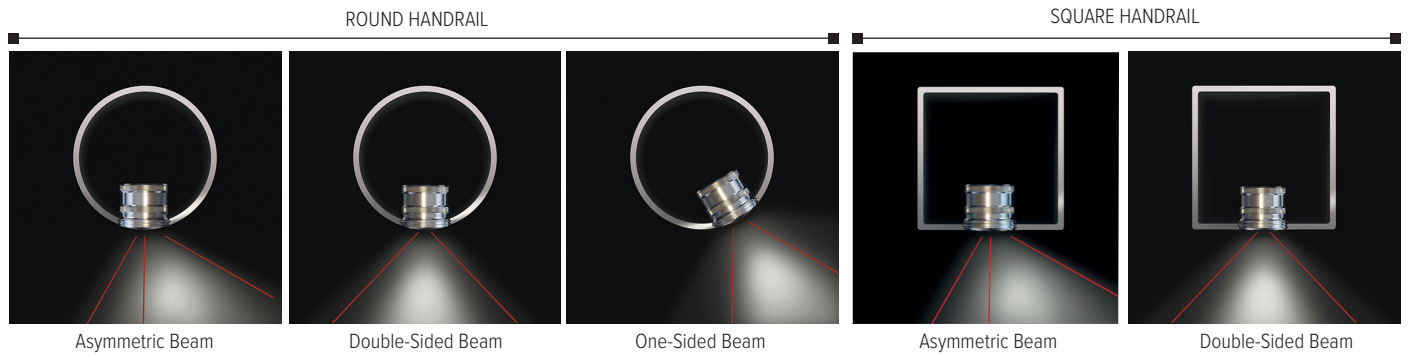*REMOTE LED DRIVER ENCLOSURE*

6.3"

8.7"

3.6"

PHOTOMETRICS

For Round Handrails:

• Asymmetric

• Double-Sided Beam

• One-Sided Beam

For Square Handrails:

• Asymmetric

• Double-Sided Beam
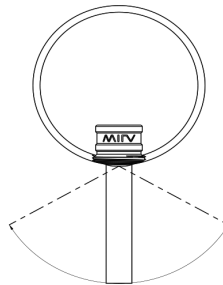
ROUND HANDRAIL

Asymmetric Beam

Double-Sided Beam

One-Sided Beam

SQUARE HANDRAIL
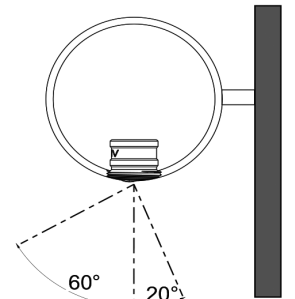

Asymmetric Beam

Double-Sided Beam

30°
60°

One-Sided Beam
Perimeter or wall mounted railing

Double-Sided Beam
Interior pathway railing

60°   20°

Asymmetric Beam
Perimeter or wall mounted railing

ALIGNMENT ORIENTATION

Align WILA logo / indicator at right angles to handrail in the desired location of illumination. Modules have curved faces for round handrails and flat faces for square or rectangular handrails.

Round Handrail

Curved One-sided 60°   Curved Asymmetric   Curved Double -Sided 90°

Plan View

Handrail

WILA Logo   WILA Logo   WILA Logo

Beam Pattern

Square or Rectangular Handrail

Flat Asymmetric   Flat Double-Sided 90°

Plan View

Handrail

WILA Logo   WILA Logo

Beam Pattern

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