

Date _____ Specifier _____ Project _____ Type _____



PROXI

Patented technology for light so well concealed, it inspires awe

Beautifully uniform light distribution bathes entire area with no distracting cut off

Proprietary near-invisible millwork detail for easy, no-fuss integration



Shelf lighting



Closet lighting



Cove lighting

Light output

Standard light output

Reference configuration		
CCT	CRI	FINISH
3500K	80	ACL

Luminous Flux Density	
W/ft	Delivered Lumens
2.5	240 lm/ft (790 lm/m)
4	370 lm/ft (1210 lm/m)
6	550 lm/ft (1800 lm/m)

Light source

870 lm/ft @ 6 W/ft, 3500K, 80 CRI

Efficacy
99 lm/W
95 lm/W
92 lm/W

Protected by U.S. Patent 10,161,608

Total Light Loss Factor (TLLF) calculation

CCT/CRI table					
CCT	CRI	LLF	CCT	CRI	LLF
2200K	80	0.75	2400K	80	0.88
2700K	80	0.96	3000K	80	1.00
	90	0.79		90	0.86
3500K	80	1.00	4000K	80	1.03
	90	0.86		90	0.89

Finish table	
FINISH	LLF
ACL	1.00

CCT/CRI LLF × Finish LLF = TLLF



Actual light output

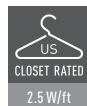
Example configuration		
CCT	CRI	FINISH
2700K	90	ACL

0.79 × 1.00 =

Reference LFD		Actual LFD	
W/ft	Lum. Flux Density (LFD)	Lum. Flux Density (LFD)	
2.5	240 lm/ft (790 lm/m)	190 lm/ft (620 lm/m)	→
4	370 lm/ft (1210 lm/m)	290 lm/ft (950 lm/m)	
6	550 lm/ft (1800 lm/m)	430 lm/ft (1420 lm/m)	

TLLF 0.79

MADE IN CANADA FABRIQUE AU CANADA RÖHS COMPLIANT cUL US CE FC

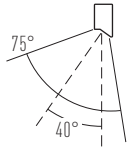


Optical distributions

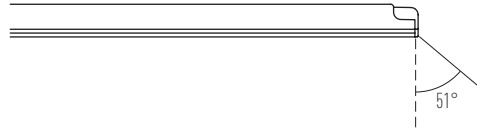
PROXI **PX**

BEAM ANGLES

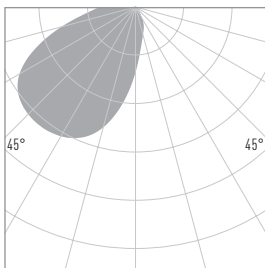
SIDE VIEW



FRONT VIEW



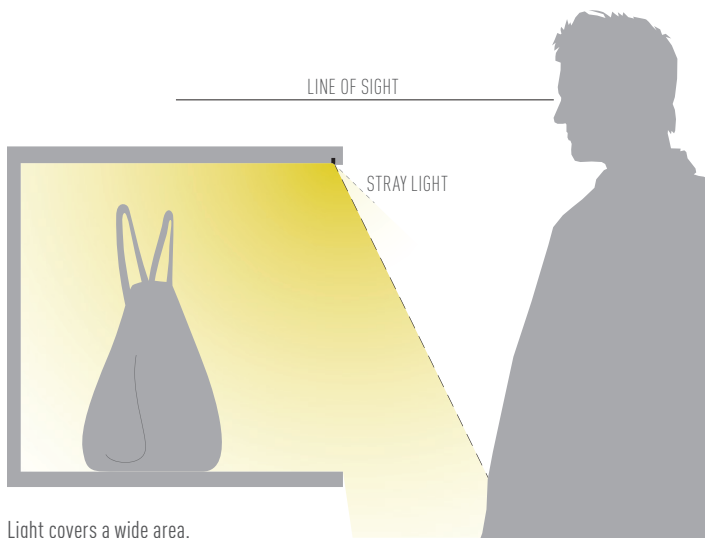
LIGHT DISTRIBUTION



Beam angle 75°
Tilt angle 40°
Ext. spread 51°

279 Cd, 505 delivered lumens @12"

LIGHT APPLICATION

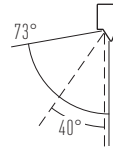


Light covers a wide area.
Best suitable for standard shelf lighting.

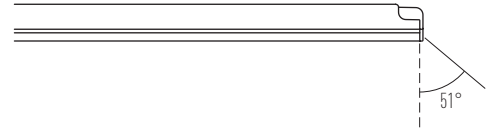
PROXI EXTENDED **PXE**

BEAM ANGLES

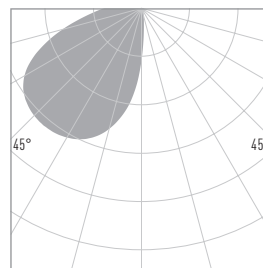
SIDE VIEW



FRONT VIEW



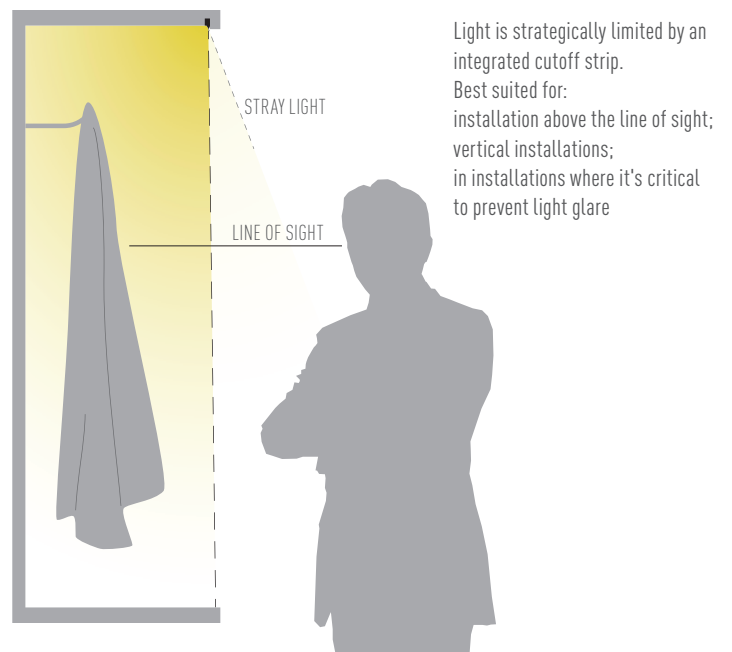
LIGHT DISTRIBUTION



Beam angle 73°
Tilt angle 40°
Ext. spread 51°

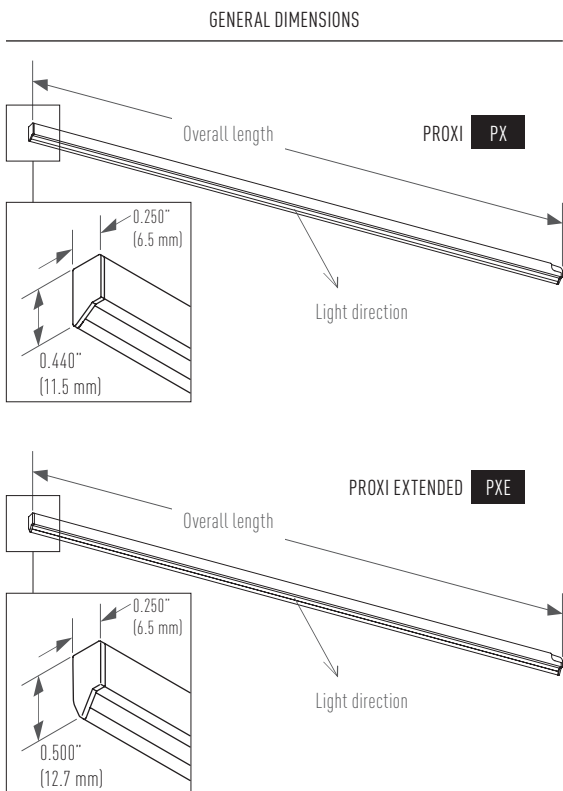
233 Cd, 402 delivered lumens @12"

LIGHT APPLICATION



Light is strategically limited by an integrated cutoff strip.
Best suited for:
installation above the line of sight;
vertical installations;
in installations where it's critical to prevent light glare

Physical



Construction

Aluminium extrusion
PET barrier film

Finish

ACL Anodized clear



Weight

0.07 lbs/ft (100 g/m)

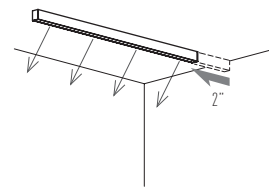
Length specifications

2.2" to 100.2" in increments of 1.0".

(See last page for available lengths in mm)

Installation advice

For optimal light distribution on surfaces, suggest keeping a 2" (50mm) clearance from the side wall.



Ingress protection

IP40

Operating ambient temperature

0 °C to 40 °C

Storage temperature

0 °C to 40 °C at 50% humidity.

Electrical

i This product is a **DC LED Lighting Module**. The following are required to operate as a complete system – to order separately:

Power Supply

24 VDC | Constant Voltage | PWM (if dimmable) | Remote Installation

Recommended driver: Eclipse Light Manager LM-24V-100W-[...]

[1% dim in 0-10V / DALI / Ecosystem]

MODULE CURRENT REGULATION

PASSIVE

DRIVER COMPATIBILITY

UNIVERSAL*

**following driver spec. req., works with all models*

Input Voltage

24 VDC in Constant Voltage

Power Density

6 W/ft, 4 W/ft, *2.5 W/ft [20 W/m, 13 W/m, *8 W/m]

Dimming

Capable of operating down to 0.1%

[depends on driver performance/limitations]

Wiring

Red(+)/Black(-) wires, 48"-long, 24 AWG, UL Listed, AWM style 1213, polarized, see installation below.

Safety Information

cULus Listed, CE, SELV, Class 2, Dry Location

Installation

Magnetically mounted (order steel band accessory separately). Wires: use only within application, shorten as required to connect to NEC compliant cabling. For additional details, **see integration instructions**.

Cable Limit

Acceptable voltage loss tolerance from remote driver: cable length: up to 2.5 V. See **LIGHT MANAGER** spec for max. cable length table per AWG.

Applications

Designed for shelves, display, showcases, undercabinets, for integration into furniture. *Proxi 2.5 W/ft complies with NEC 410.16 (B)(3) Ed.2023 (or NEC 410.16 (A)(3) & (C)(5) from prior Ed.2020) requirements for installation in a clothes storage space. *Identified by this logo*

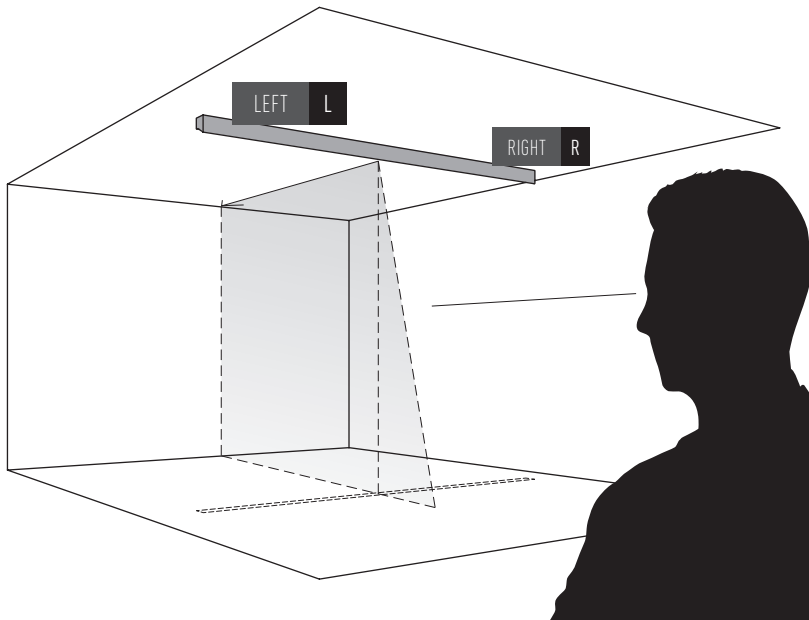


Wiring options

WIRE EXIT

Single exit. Allows the possibility to choose left or right wire exit.

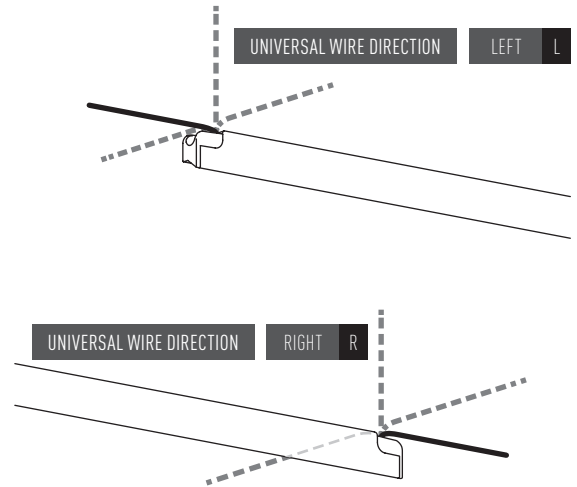
Double exit. Connection system allowing fixtures to be installed in a series left and right exit.



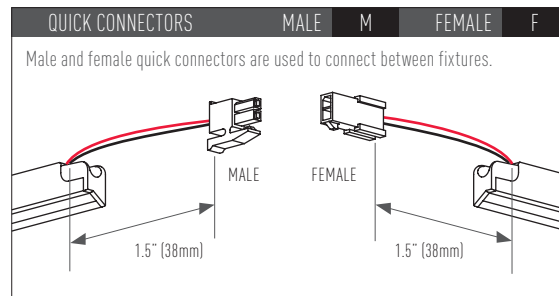
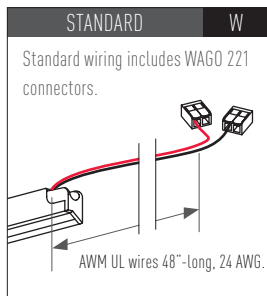
In asymmetric beams, left and right are set in relation to the light going away from your sight.

WIRE DIRECTION

The wire position can be freely moved and adjusted as per the installation requirements.

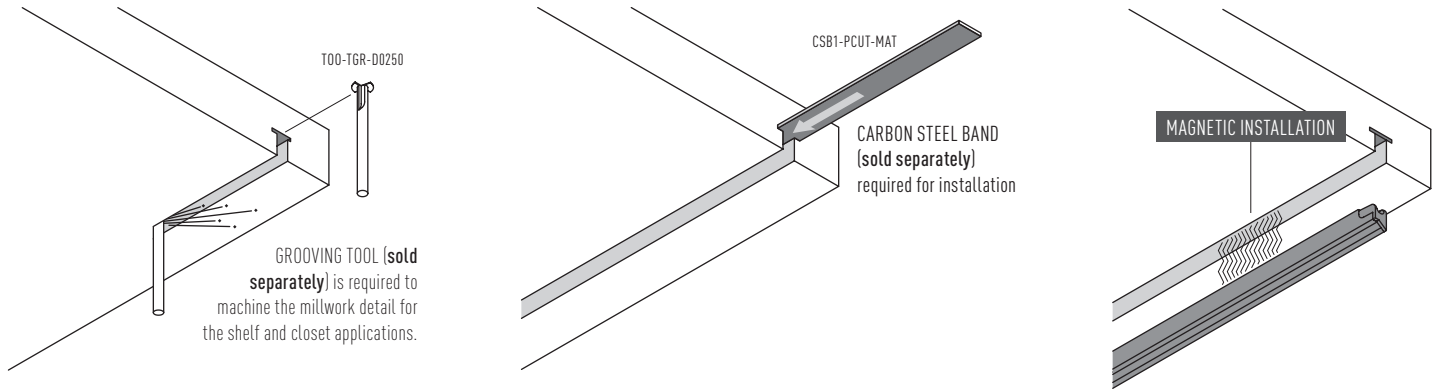


WIRE CONNECTOR OPTIONS

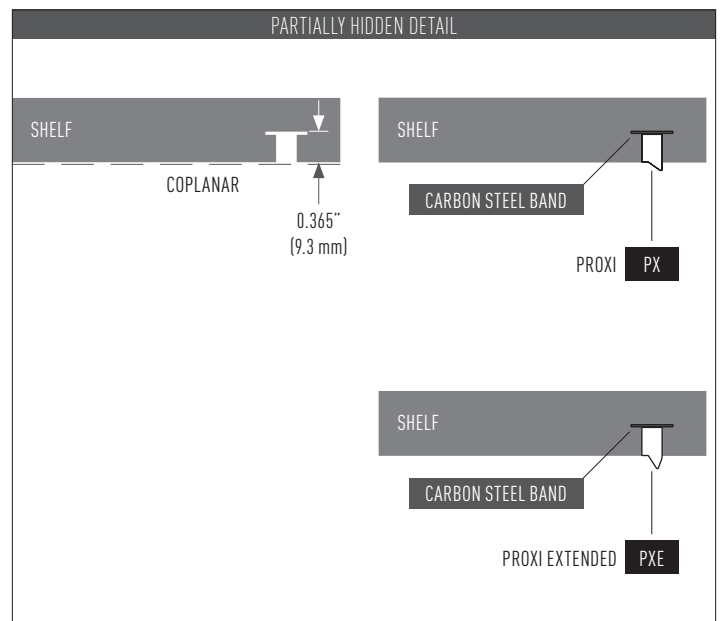
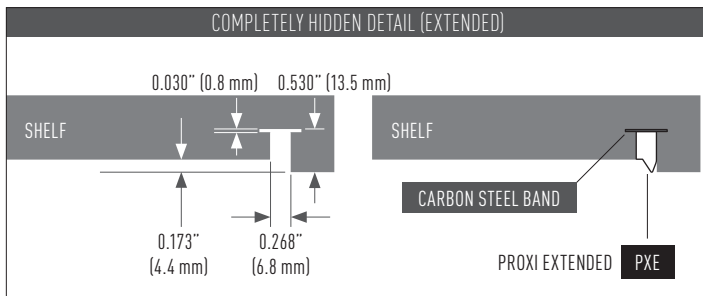
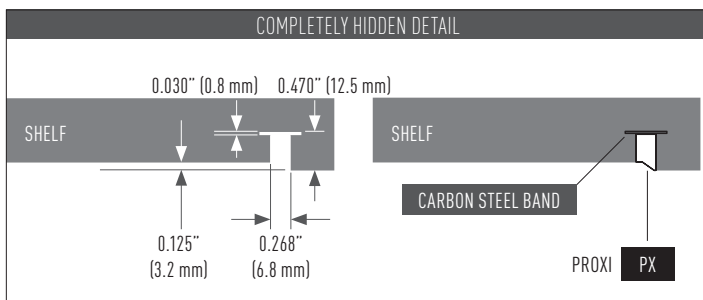


Integration overview

INTEGRATION PROCESS

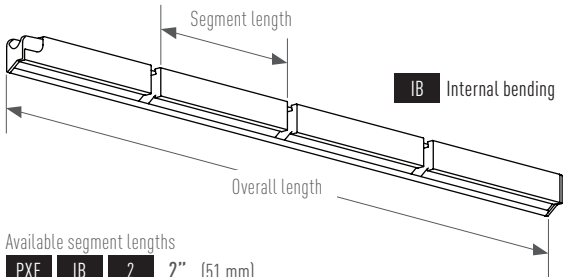


MILLWORK DETAILS



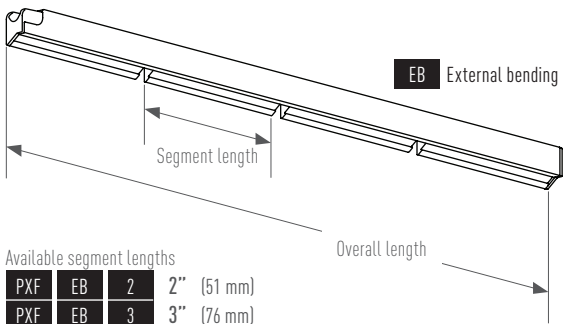
PROXI FLEX model

GENERAL DIMENSIONS



Available segment lengths

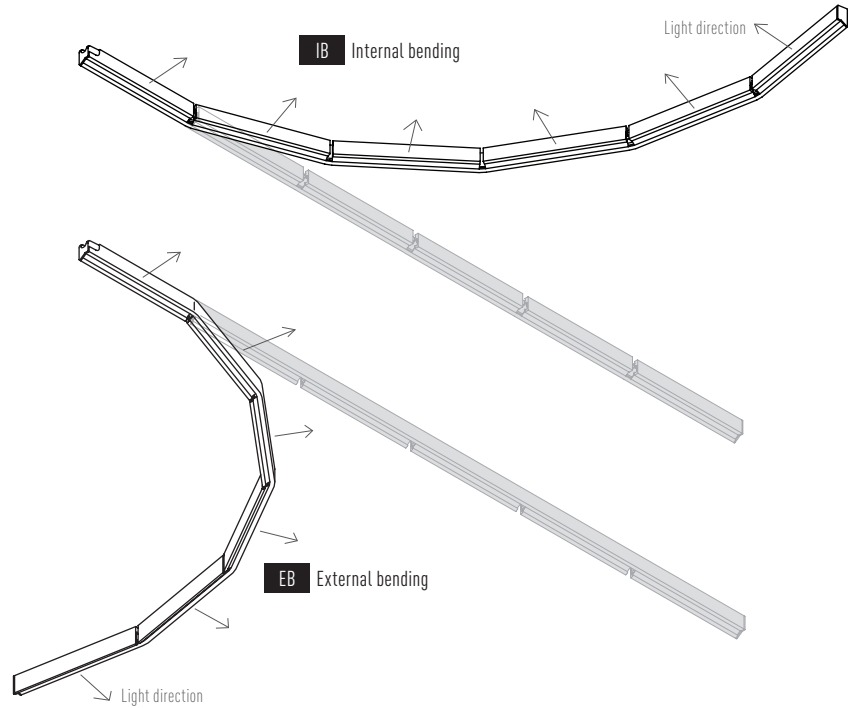
PXF	IB	2	2" (51 mm)
PXF	IB	3	3" (76 mm)
PXF	IB	8	8" (203 mm)



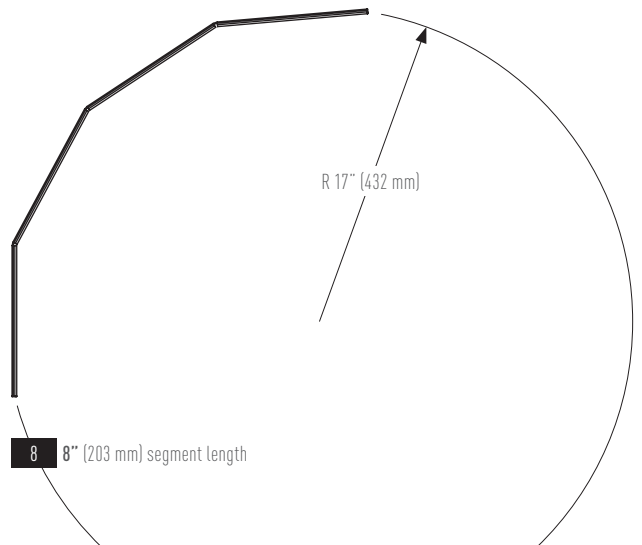
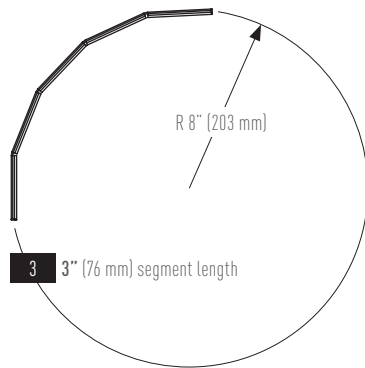
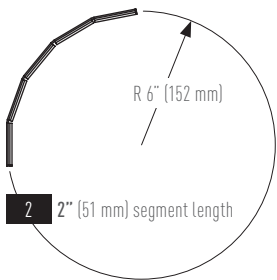
Available segment lengths

PXF	EB	2	2" (51 mm)
PXF	EB	3	3" (76 mm)
PXF	EB	8	8" (203 mm)

BENDING



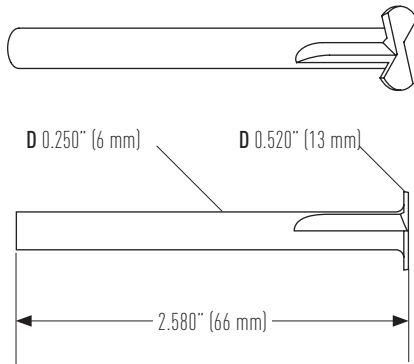
CURVE RADIUS



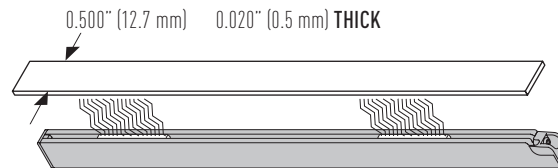
Essential accessories (to be ordered separately)

Proxi grooving tool**T00-TGR-D0250**

A special cutting tool for CNC is required in order to create the housing into the shelf for the PROXI installation.

**Carbon steel band (type 1)****CSB1-PCUT-MAT**

Required for magnetic installation. Pre-cut to match ordered lengths.



See integration instructions for details.

Ordering code

PRODUCT		CORE OPTIONS					EXTENDED OPTIONS					
ID	INPUT	OUTPUT	FINISH	CCT	CRI	LENGTH	WIRING OPTIONS					
PX	24V	2.5W	ACL	2200K	80	2.2 to 100.2	EXIT	CONN.	LENGTH	EXIT	CONN.	LENGTH
PXE		4W	ACL	2400K	80	In inches	L	C	48	R	C	48
		6W	Anodized clear	2700K	80				###			###
PX		2.5W/ft (8 W/m)	Closet rated for United States	3000K	80	Available in increments of 1.0"		M	1.5		M	1.5
PROXI				3500K	80				###			###
PXE		Closet rated for United States	Anodized clear	4000K	80			F	1.5		F	1.5
PROXI EXTENDED				4000K	90				###			###




Lengths are in inches
C Standard connector - **M** Male quick connector - **F** Female quick connector. For further details, refer to "Wiring option" section.

ORDERING CODE	EXAMPLE	PX	24V	6W	ACL	2700K80	INCHES	56.2	Single wire exit	or	Double wire exit	LC48	LC48+RM48

Available fixture lengths

inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
2.2	56	10.2	260	20.2	514	30.2	768	40.2	1022	50.2	1276	60.2	1530	70.2	1784
3.2	82	11.2	285	21.2	539	31.2	793	41.2	1047	51.2	1301	61.2	1555	71.2	1809
4.2	107	12.2	310	22.2	564	32.2	818	42.2	1072	52.2	1326	62.2	1580	72.2	1834
5.2	132	13.2	336	23.2	590	33.2	844	43.2	1098	53.2	1352	63.2	1606	73.2	1860
6.2	158	14.2	361	24.2	615	34.2	869	44.2	1123	54.2	1377	64.2	1631	74.2	1885
7.2	183	15.2	387	25.2	641	35.2	895	45.2	1149	55.2	1403	65.2	1657	75.2	1911
8.2	209	16.2	412	26.2	666	36.2	920	46.2	1174	56.2	1428	66.2	1682	76.2	1936
9.2	234	17.2	437	27.2	691	37.2	945	47.2	1199	57.2	1453	67.2	1707	77.2	1961
		18.2	463	28.2	717	38.2	971	48.2	1225	58.2	1479	68.2	1733	78.2	1987
		19.2	488	29.2	742	39.2	996	49.2	1250	59.2	1504	69.2	1758	79.2	2012
														100.2	2546

Flex ordering code

PRODUCT			CORE OPTIONS					EXTENDED OPTIONS						
ID	BEND TYPE	SEGMENT LENGTH	INPUT	OUTPUT	FINISH	CCT	CRI	LENGTH	WIRING OPTIONS					
PXF	IB	2	24V	2.5W	ACL	2200K	80	PXF-2	L	C	48	R	C	48
PXF	EB	3		4W	ACL	2400K	80	PXF-3			###			###
PROXI FLEX	IB	8		6W	Anodized clear	2700K	80	PXF-8			1.5			1.5
		In inches		2.5W/ft (8W/m)		3000K	90	16.3 to 57.2			###			###
	EB			Closest rated for United States		3500K	80	In inches			1.5			1.5
						4000K	90	Refer to the table below to find the right overall length based on the corresponding segment length.			###			###
								If double wire exit, add 0.2" to the overall length.						

ORDERING CODE	EXAMPLE	PXF	-	EB	-	3	-	24V	-	6W	-	ACL	-	2700K80	-	INCHES	-	35.0	-	Single wire exit	or	Double wire exit	RC48		

Available fixture lengths

2" segments				3" segments				8" segments					
inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
4.3	109	10.9	277	21.8	554	30.5	775	6.3	160	22.2	564	31.8	808
6.5	165	13.0	330	24.0	610	32.7	831	9.5	241	25.4	645	35.0	889
8.7	221	15.2	386	26.2	665	34.9	886	12.7	323	28.6	726	38.2	970
		17.4	442	28.3	719	37.1	942	15.9	404			41.3	1049
		19.6	498					19.0	483			44.5	1130
												24.5	622
												57.2	1453
												49.0	1245

Accessories ordering code

Proxi grooving tool

T00

TGR

D0250

ORDERING CODE

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>

Carbon steel band (type 1)

CSB1

PCUT

MAT

ORDERING CODE

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>

ARCHITECTURAL LIGHTING **EKLIPSE**

2090 rue Moreau
Suite 100
Montréal, QC - H1W 2M3
Canada

T +1 514 590 0099
INT 1 877 590 0099
F +1 514 590 0098
sales@eklipselighting.com
www.eklipselighting.com



Warranty

Our products and relative parts are guaranteed for **three (3) years**. See our terms and conditions on www.eklipselighting.com