

Project:	Type:
	Comments:



Highlights

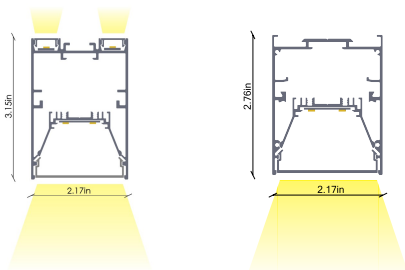
BX-2 series is specification grade, architectural linear fixture, with virtually unlimited possibilities to create patterns, continuous runs and shapes. Offered in pendant, surface or wall mounted versions. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great and simple lighting solution for all modern interiors.

LED: Samsung LED chips, 2700-5000K, tunable white and RGB/W available, 90CRI

Optical: Direct & direct/indirect illumination, 110° beam angle

Construction: High grade aluminum extrusion, die cast end caps, PMMA diffuser, integral driver, powder coat finish, X, T, L Lit corners available for smooth, seamless patterns, damp location listed.

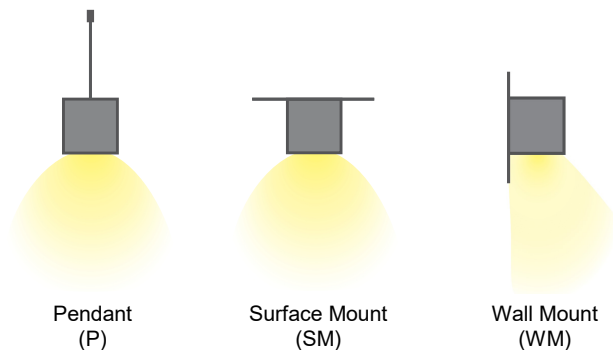
Cross Section



Direct/Indirect

Direct

Installation



Pendant
(P)

Surface Mount
(SM)

Wall Mount
(WM)

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-2-D-2-LO-27-U-W	Direct	2'	Low	2700K	110-277V	White

Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

1-FIXTURE ID	2-DISTRIBUTION	3-LENGTH	4-LUMEN OUTPUT
BX-2 BX-2	D Direct	2 2'	LO Low
	DI Direct/Indirect	4 4'	ME Medium
	DI2 D/I2-circuit	6 6'	HI High
	DWW Direct, Wall Wash	8 8'	
	BW Bat Wing	C Custom	

5-COLOR TEMP.	6-VOLTAGE	7-FINISH	8-MOUNTING
27 2700K	U 110-277V	S Silver	P Pendant
30 3000K	HV 347V	W White	SM Surface Mount
35 3500K		B Black	W Wall Mount
40 4000K		C Custom (RAL#)	
50 5000K			
DT Lutron T-series			
RGB RGB			
RGBW RGBW			
D Tunable White			

9-DRIVER OPTIONS	10-OPTIONS	11-OPTIONS (CONT.)
DM 0-10V Dimming	RF-D Remote Tunable (RF only)	EM EM Battery (remote)
2C 2 Channel	RF-R Remote RGB/W (RF only)	X None
DM1% 1% Dimming	M Motion Sensor (remote)	
LT1 LDE1 Lutron 1%	BM BubblyNet BT Mesh	
DA Dali	CS Casambi	
DMX DMX	AWN Lutron Athena Node	
TR Triac Dimming	AWNS Lutron Athena Node sensor	
RF RF Wireless	NL-ES7 nLight - Wired	
X None	NL-AIR nLight - AIR	
	NL-M nLight - Module only	
	X None	

Project:	Type:
	Comments:

Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-BX-2-D-2-LO-30	2'	Low	3000K	11W	1100Lm
TECHOLED-BX-2-D-2-ME-30	2'	Medium	3000K	16W	1600Lm
TECHOLED-BX-2-D-2-HI-30	2'	High	3000K	20W	2000Lm
TECHOLED-BX-2-D-4-LO-30	4'	Low	3000K	22W	2200Lm
TECHOLED-BX-2-D-4-ME-30	4'	Medium	3000K	31W	3100Lm
TECHOLED-BX-2-D-4-HI-30	4'	High	3000K	40W	4000Lm
TECHOLED-BX-2-D-6-LO-30	6'	Low	3000K	33W	3300Lm
TECHOLED-BX-2-D-6-ME-30	6'	Medium	3000K	46W	4600Lm
TECHOLED-BX-2-D-6-HI-30	6'	High	3000K	60W	6000Lm
TECHOLED-BX-2-D-8-LO-30	8'	Low	3000K	46W	4600Lm
TECHOLED-BX-2-D-8-ME-30	8'	Medium	3000K	61W	6100Lm
TECHOLED-BX-2-D-8-HI-30	8'	High	3000K	80W	8000Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

Model #	Size	Output	Color Temp.	Wattage	Down Lumen Out.	Up Lumen Out.
TECHOLED-BX-2-DI-2-LO-30	2'	Low	3000K	11W	660Lm	440Lm
TECHOLED-BX-2-DI-2-ME-30	2'	Medium	3000K	17W	1105Lm	595Lm
TECHOLED-BX-2-DI-2-HI-30	2'	High	3000K	22W	1800Lm	400Lm
TECHOLED-BX-2-DI-4-LO-30	4'	Low	3000K	22W	1320Lm	880Lm
TECHOLED-BX-2-DI-4-ME-30	4'	Medium	3000K	34W	2210Lm	1190Lm
TECHOLED-BX-2-DI-4-HI-30	4'	High	3000K	44W	3100Lm	1300Lm
TECHOLED-BX-2-DI-6-LO-30	6'	Low	3000K	33W	1980Lm	1320Lm
TECHOLED-BX-2-DI-6-ME-30	6'	Medium	3000K	50W	3250Lm	1750Lm
TECHOLED-BX-2-DI-6-HI-30	6'	High	3000K	66W	4600Lm	2000Lm
TECHOLED-BX-2-DI-8-LO-30	8'	Low	3000K	46W	2760Lm	1840Lm
TECHOLED-BX-2-DI-8-ME-30	8'	Medium	3000K	68W	4420Lm	2380Lm
TECHOLED-BX-2-DI-8-HI-30	8'	High	3000K	89W	6100Lm	2800Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

Performance

Output Direct		Direct	
	Lumens / W	W / ft	Lumens / ft
Low	100	5.5	550
Medium	100	7.7	770
High	100	10	1000

Project:	Type:
	Comments:

Output DI/IN	Direct			Indirect			Direct/Indirect	
	Lumens / W	W / ft	Lumens / ft	Lumens / W	W / ft	Lumens / ft	W / ft	Lumens / ft
Low	100	3.3	330	100	2.2	220	5.5	550
Medium	100	5.5	510	100	3.0	340	8.5	850
High	100	7.7	770	100	3.3	330	11	1100

Driver Option Details

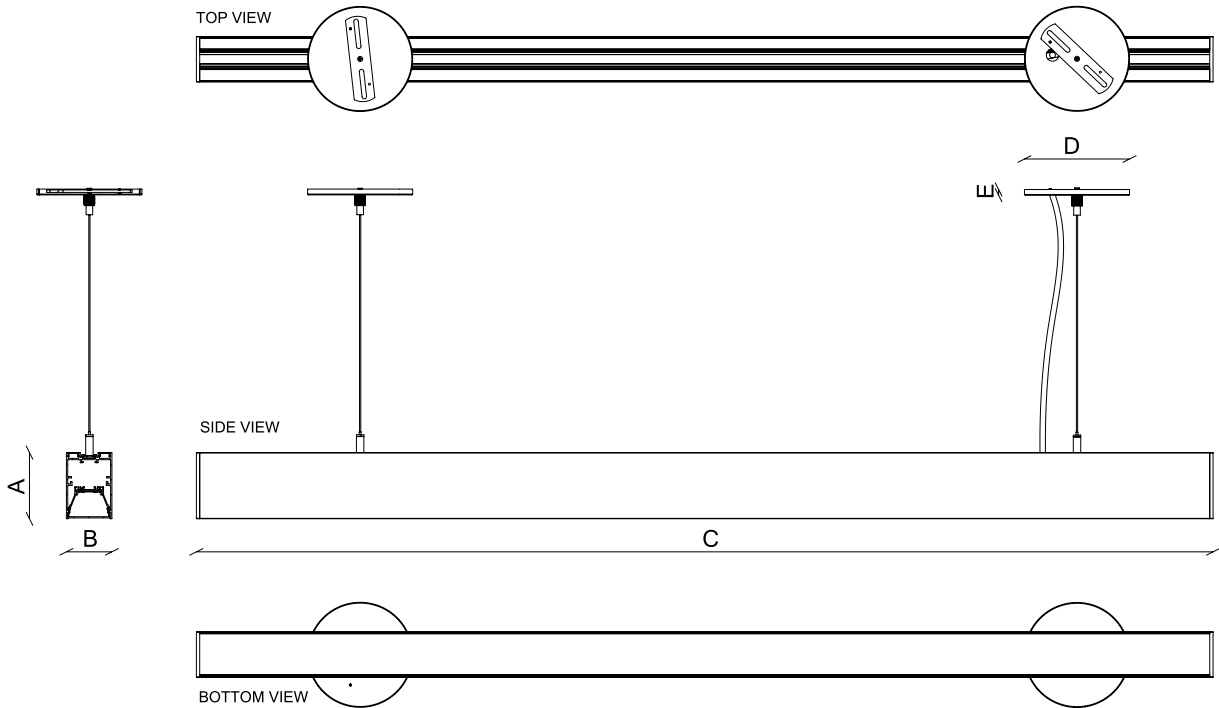
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

Controls Details

Code	Description
RF-D	RF Wireless remote controller for tunable white. Default for tunable white.
RF-R	RF Wireless remote controller for RGB & RGBW. Default for RGB & RGBW.
M	Motion Sensor - remote, for integral sensor consult factory
BM	Bluetooth Mesh Smart Wireless Control by BubblyNet
CS	Bluetooth Mesh Smart Wireless Control by Casambi
AWNRR	Lutron Athena wireless node
AWNS	Lutron Athena wireless node with sensor
NL-ES7	Acuity nLight – Wired nES7 sensor
NL-AIR	Acuity nLight – AIR wireless rES7 sensor
NL-M	Acuity nLight - ready, sensor by others

Project:	Type:
	Comments:

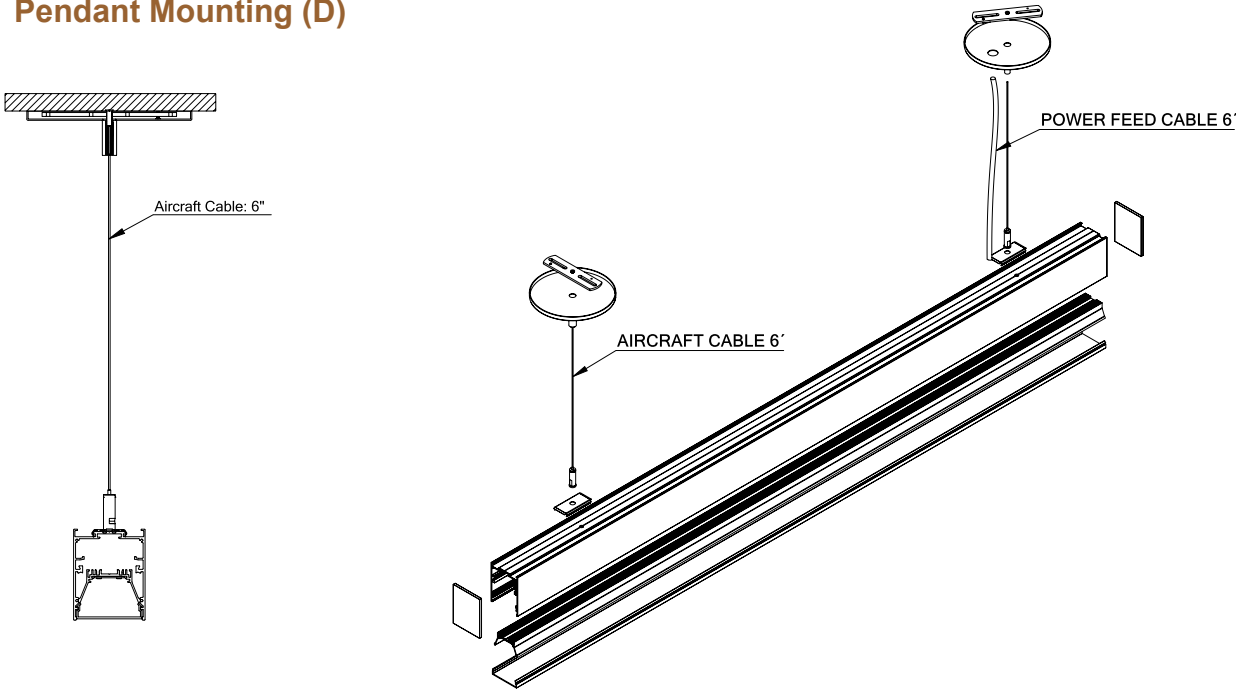
Dimension and Mounting - Direct Distribution (D)



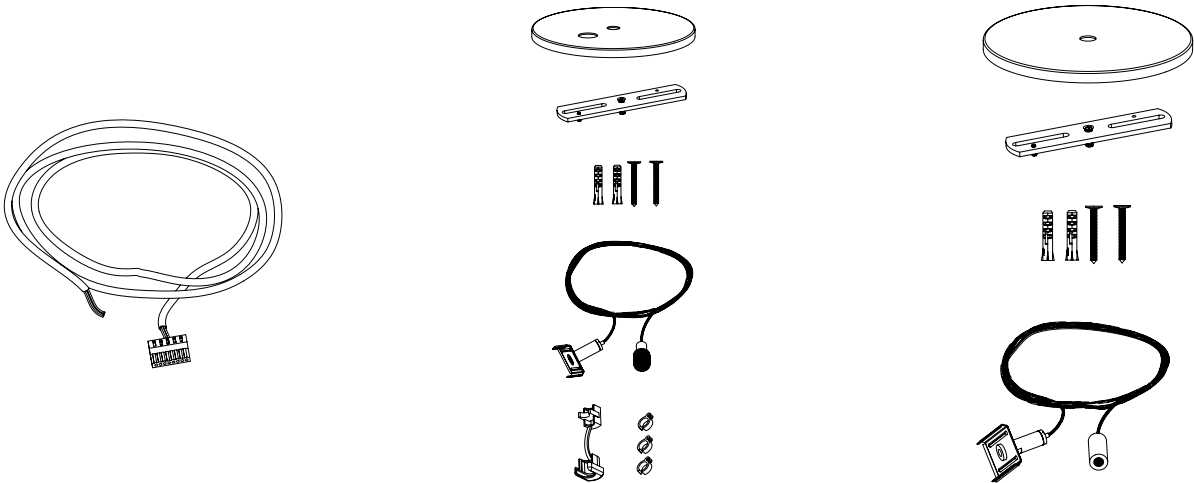
FIXTURE ID	A	B	C	D	E
BX-2-D-2	2.76"	2.17"	24.49"	5"	0.28"
BX-2-D-4	2.76"	2.17"	48.50"	5"	0.28"
BX-2-D-6	2.76"	2.17"	72.48"	5"	0.28"
BX-2-D-8	2.76"	2.17"	96.50"	5"	0.28"

Project:	Type:
	Comments:

Pendant Mounting (D)



Pendant Kit



P-SM-6FT

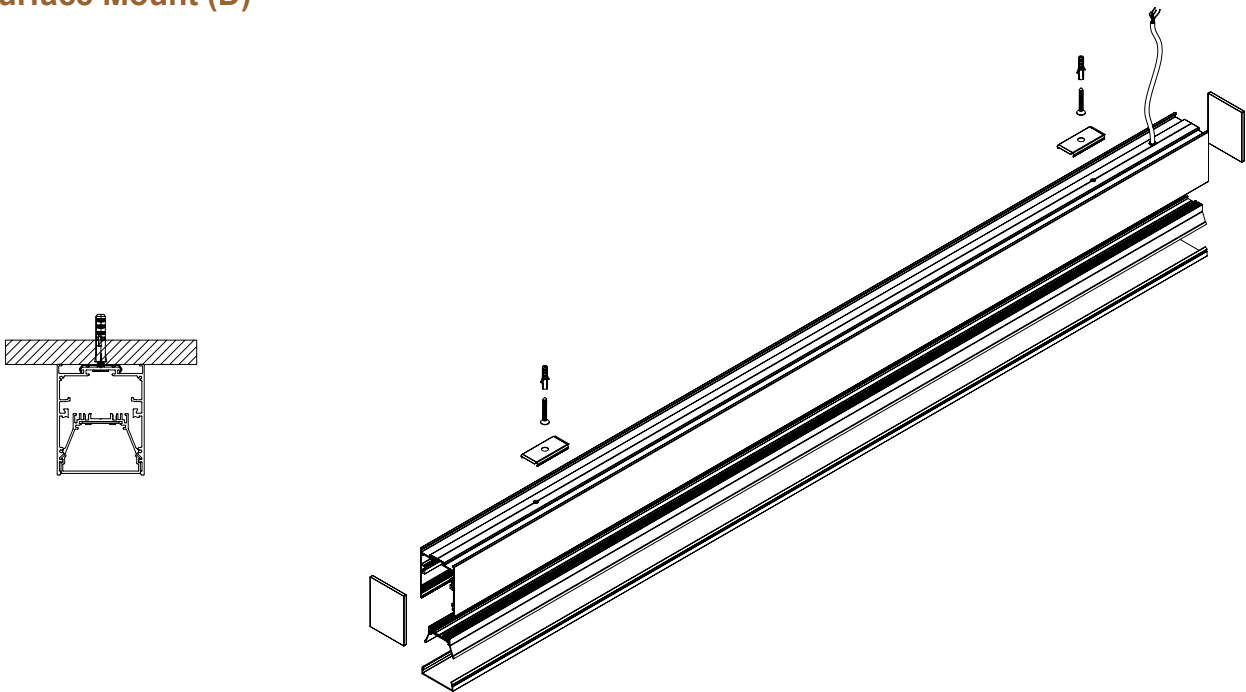
L-PTB-PF2-6

L-PTB-NPF-6

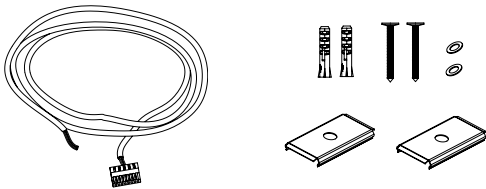
P-SM-6FT	Power feed cable (6')
L-PTB-PF2-6	Pendant wire + canopy with cut-out for power cable
L-PTB-NPF-6	Pendant wire + canopy

Project:	Type:
	Comments:

■ Surface Mount (D)



■ Surface Mount Kit



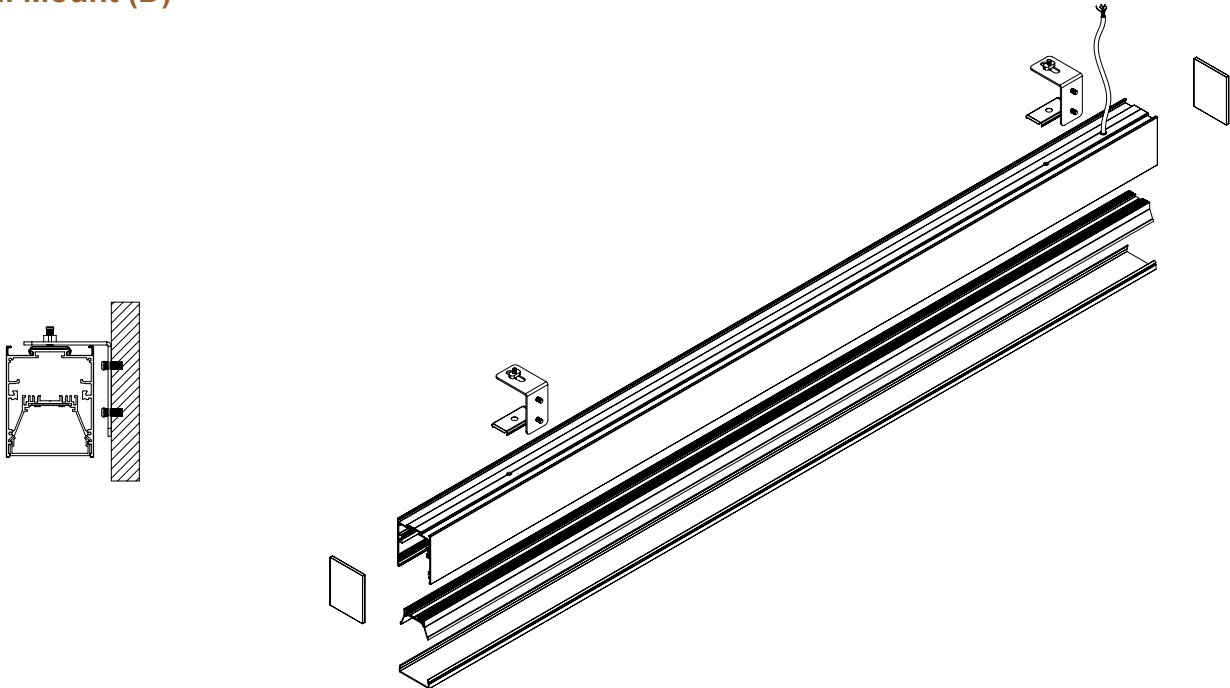
P-SM-6FT

L-SM-CL

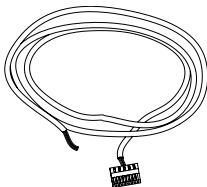
P-SM-6FT	Power feed cable (6')
L-SM-CL	Surface mount kit

Project:	Type:
	Comments:

■ Wall Mount (D)



■ Wall Mount Kit



P-SM-6FT

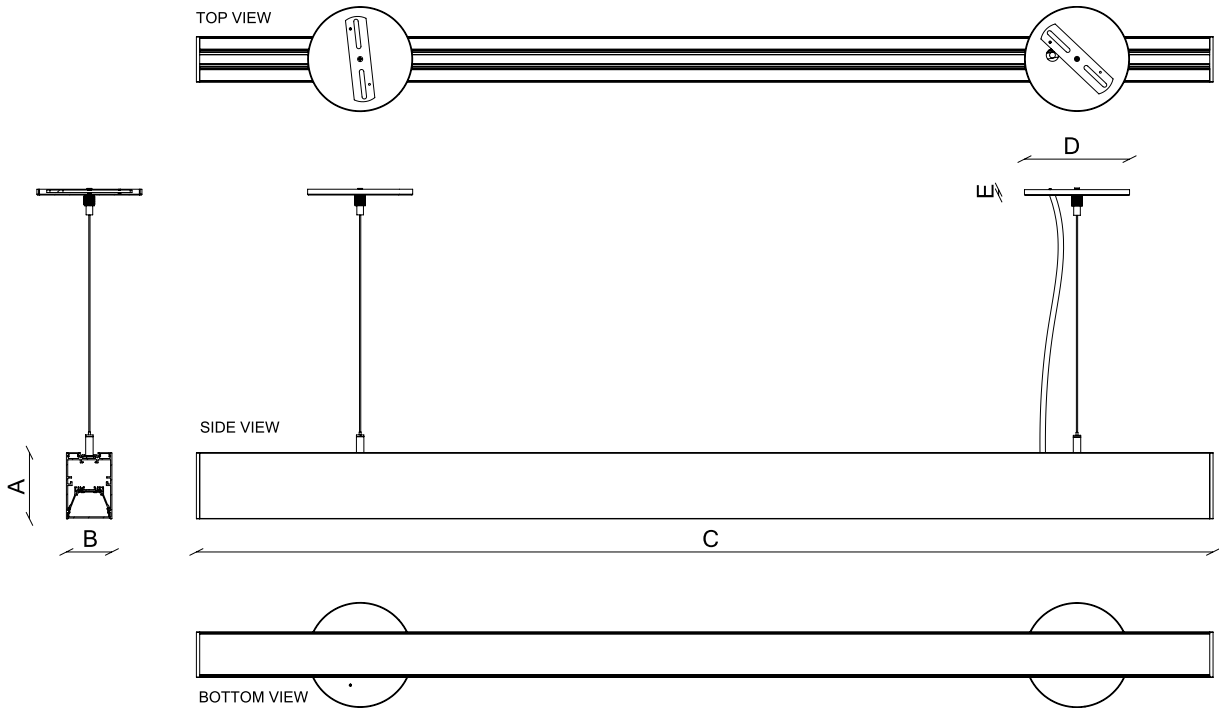
L457-WM

L457-WM

P-SM-6FT	Power feed cable (6')
L457-WM	Wall mount kit

Project:	Type:
	Comments:

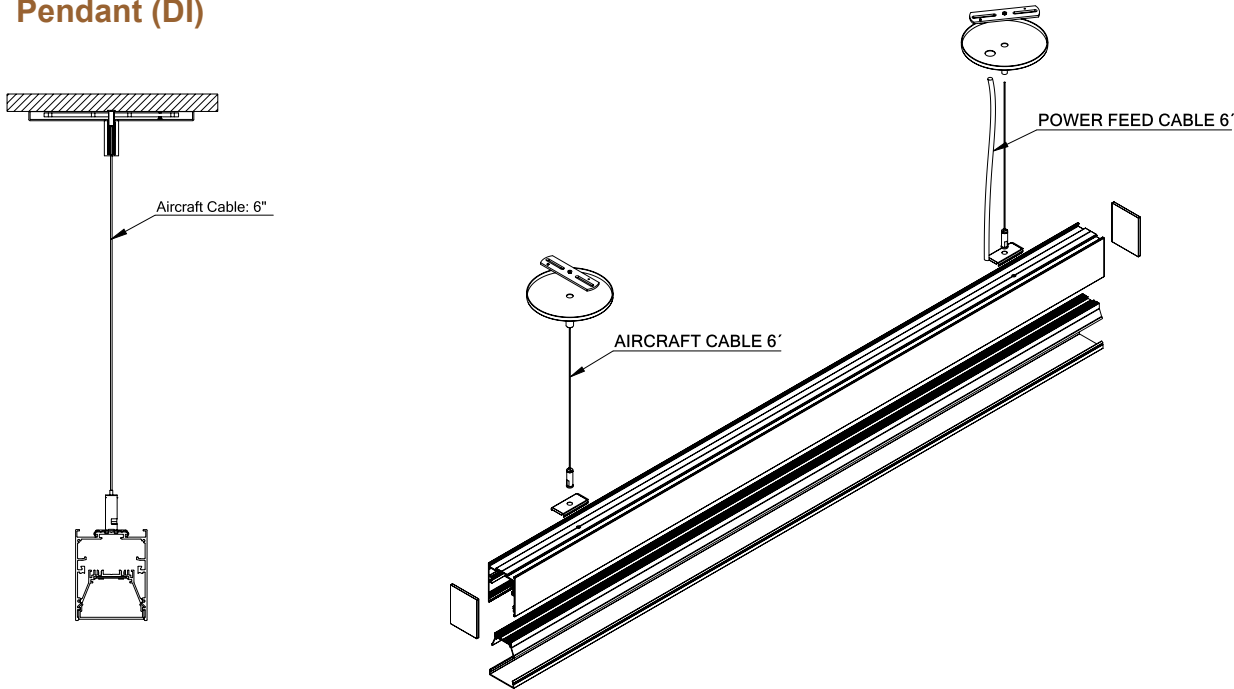
Dimension and Mounting - Direct/Indirect Distribution (DI)



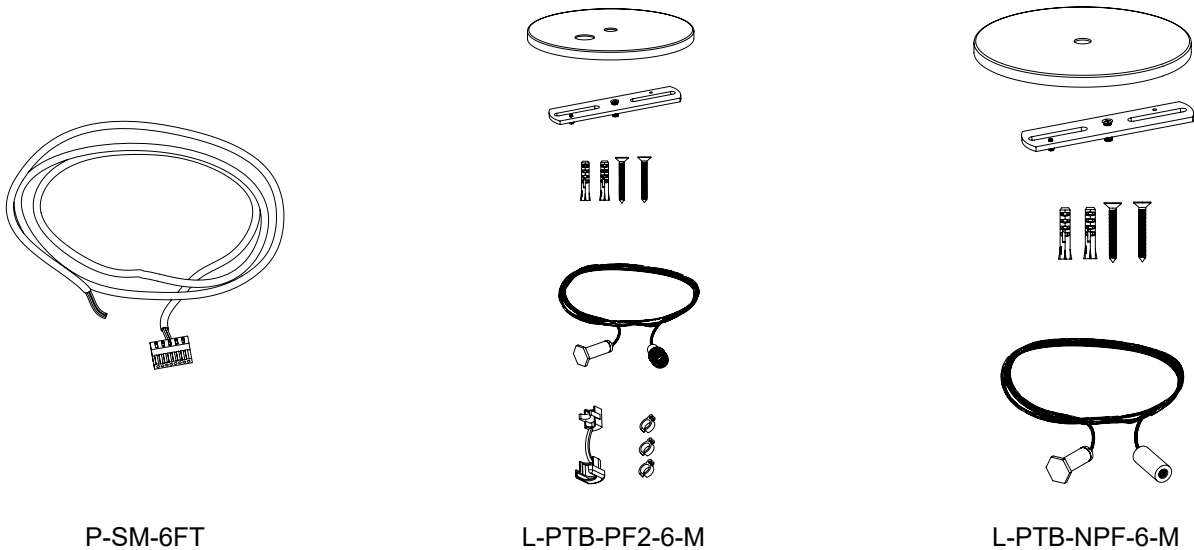
FIXTURE ID	A	B	C	D	E
BX-2-DI-2	3.15"	2.17"	24.49"	5"	0.28"
BX-2-DI-4	3.15"	2.17"	48.50"	5"	0.28"
BX-2-DI-6	3.15"	2.17"	72.48"	5"	0.28"
BX-2-DI-8	3.15"	2.17"	96.50"	5"	0.28"

Project:	Type:
	Comments:

Pendant (DI)



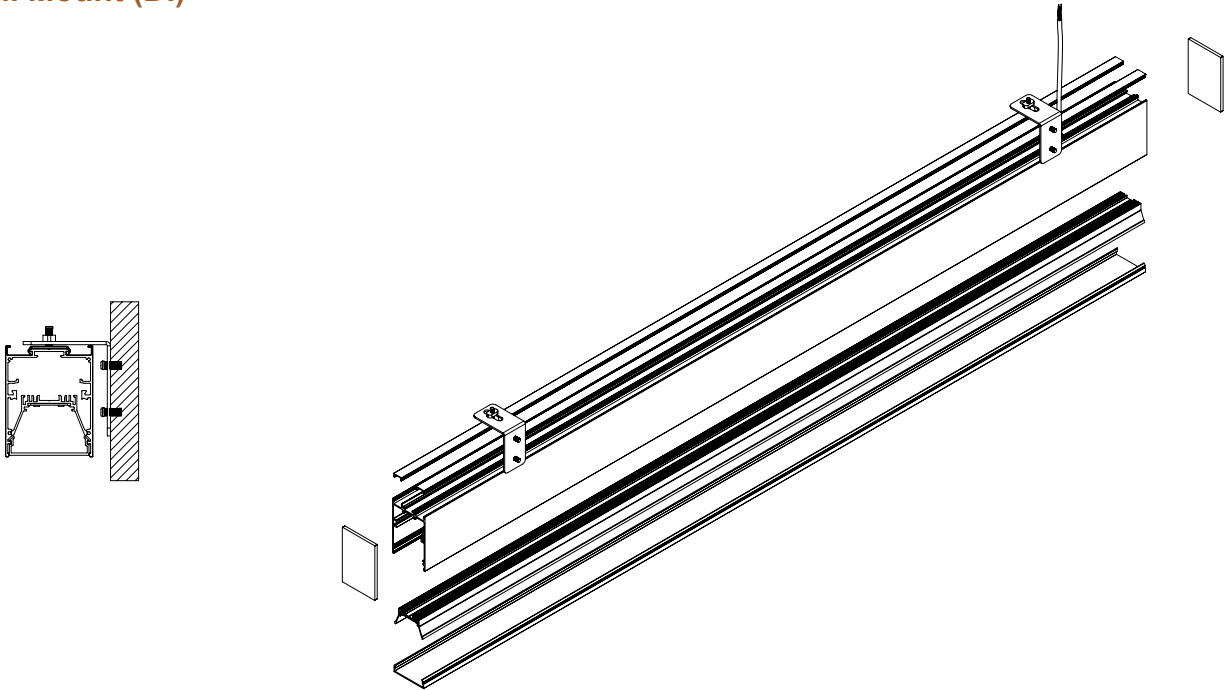
Pendant Kit



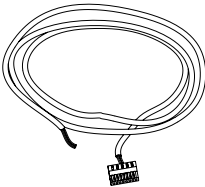
P-SM-6FT	Power feed cable (6')
L-PTB-PF2-6-M	Pendant wire + canopy with cut-out for power cable
L-PTB-NPF-6-M	Pendant wire + canopy

Project:	Type:
	Comments:

■ Wall Mount (DI)



■ Wall Mount Kit



P-SM-6FT



L457-WM



L457-WM

P-SM-6FT	Power feed cable (6')
L457-WM	Wall mount kit

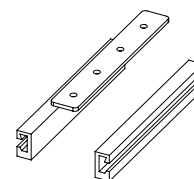
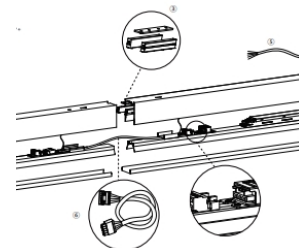
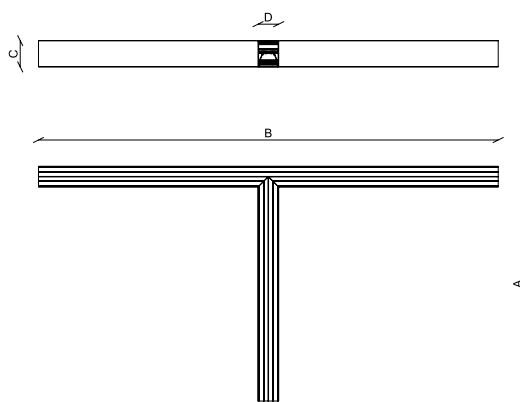
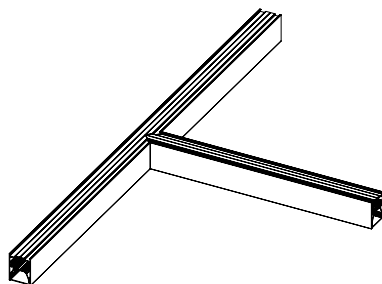
Project:	Type:
	Comments:

Connectors

BX-2 T-shape

BX-2-T	Connector
A	25.68"
B	48.18"
C	2.76"
D	2.17"

Not to scale

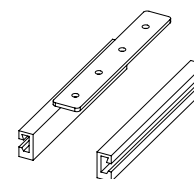
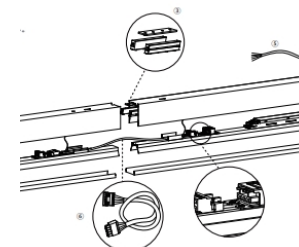
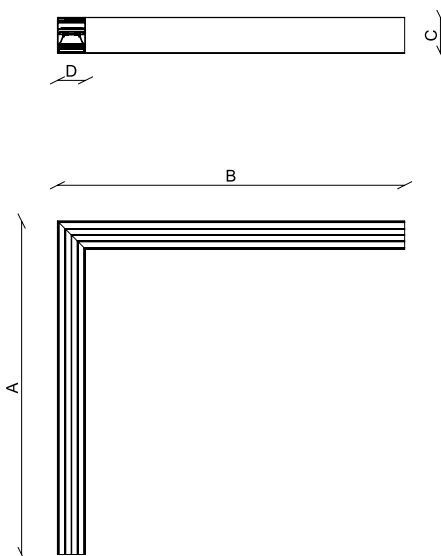
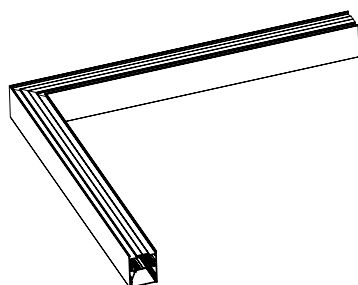


L45-180

BX-2 L-shape

BX-2-L	Connector
A	25.7"
B	24.64"
C	2.76"
D	2.17"

Not to scale



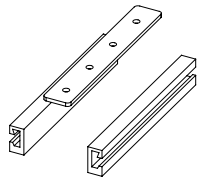
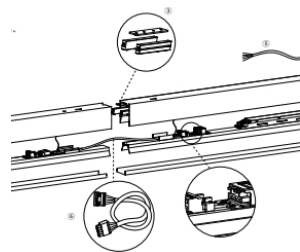
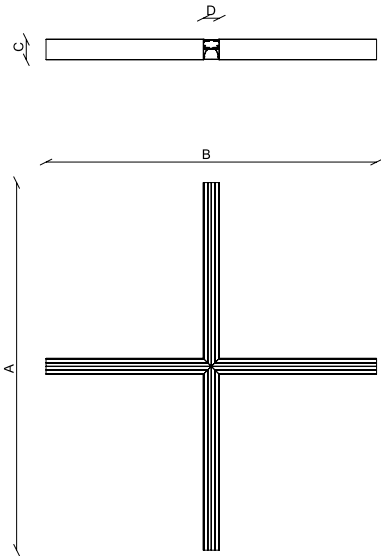
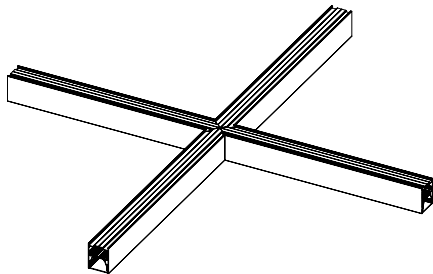
L45-180

Project:	Type:
	Comments:

■ BX-2 X-shape

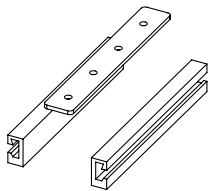
BX-2-X	Connector
A	49.21"
B	48.18"
C	2.76"
D	2.17"

Not to scale

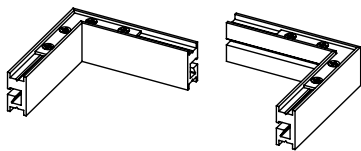


L45-180

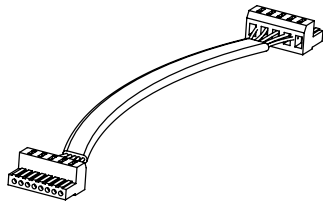
■ BX-2 Connectors



L45-180



L45-90



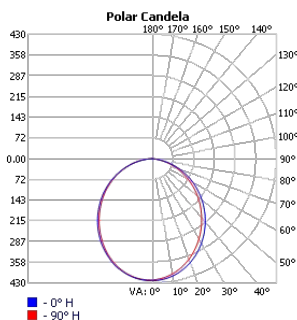
L-CH

L-45-180	180° Connector
L-45-90	90° Connector
L-CH	Connecting cable

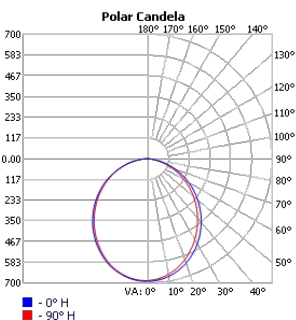
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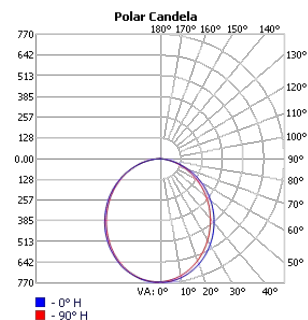
Photometrics



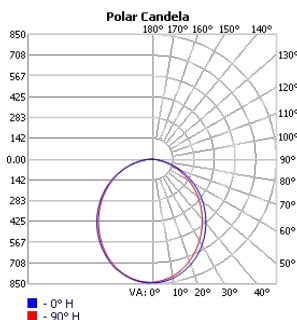
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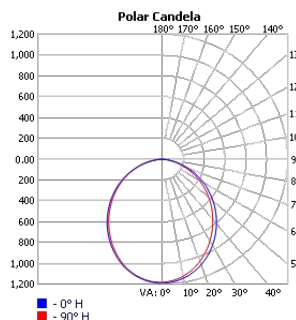
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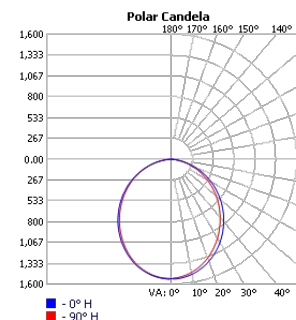
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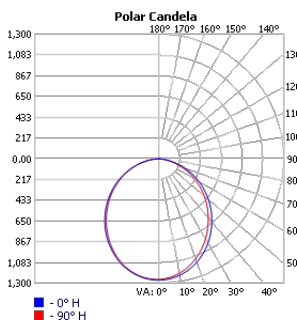
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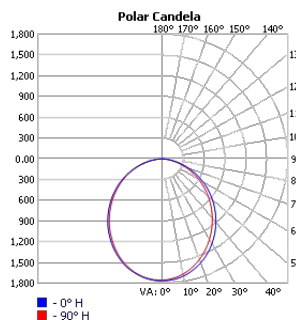
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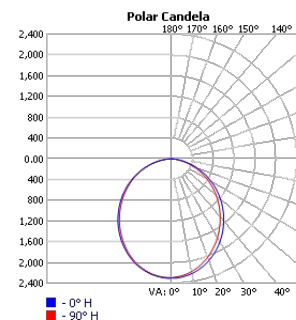
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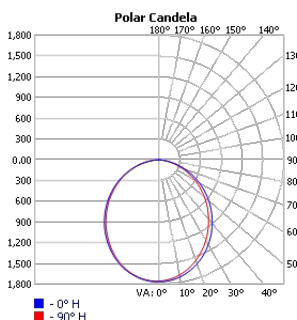
TECHOLED-BX-2-D-6-LO-30



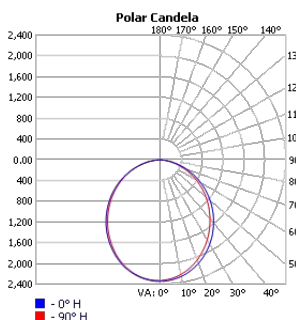
TECHOLED-BX-2-D-6-ME-30



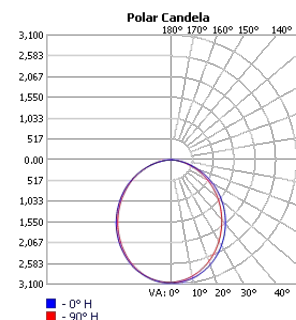
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TECHOLED-BX-2-D-8-LO-30

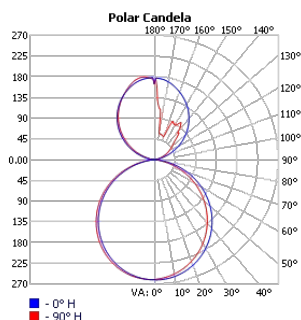


TECHOLED-BX-2-D-8-ME-30

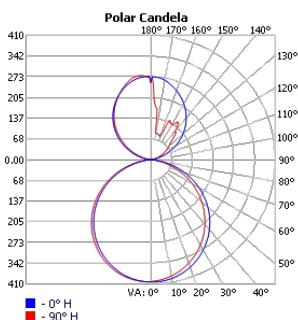


TECHOLED-BX-2-D-8-HI-30

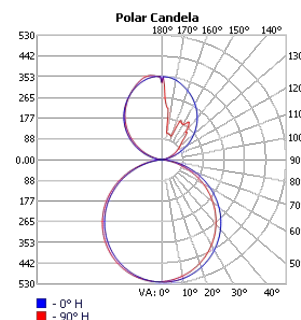
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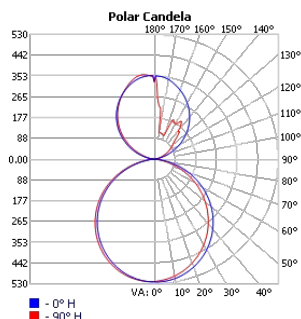
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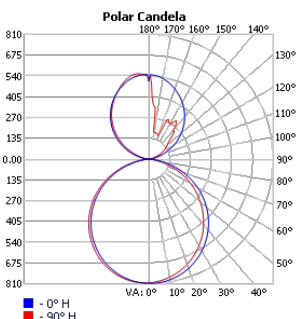
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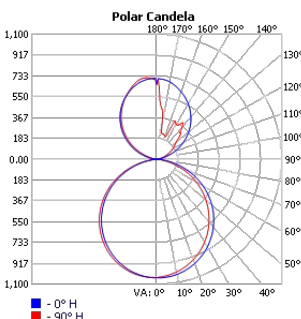
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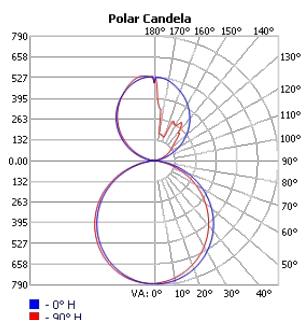
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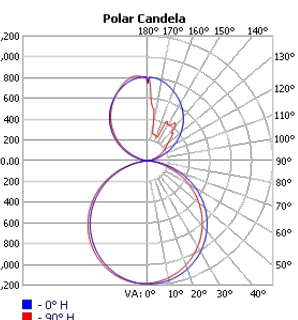
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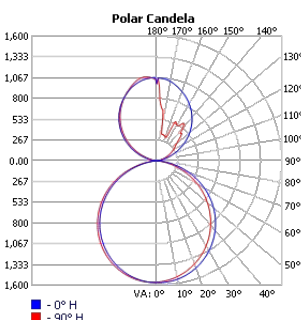
TECHOLED-BX-2-DI-4-HI-30



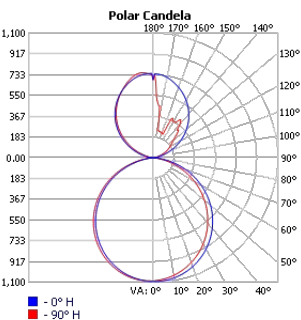
TECHOLED-BX-2-DI-6-LO-30



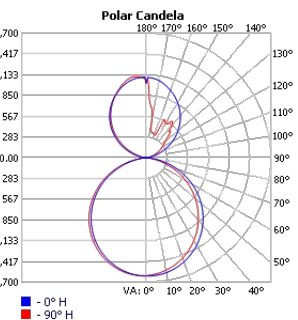
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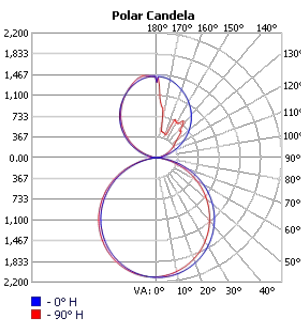
TECHOLED-BX-2-DI-6-HI-30



TECHOLED-BX-2-DI-8-LO-30



TECHOLED-BX-2-DI-8-ME-30

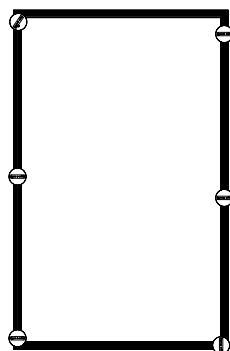


TECHOLED-BX-2-DI-8-HI-30

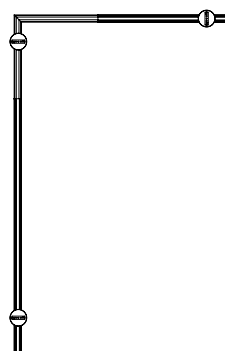
Project:	Type:
	Comments:



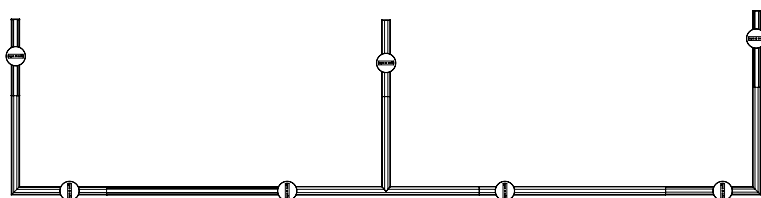
Patterns Option Examples



Rectangle



L-Shape

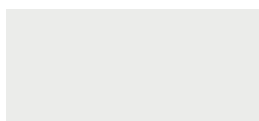


Custom

Project:	Type:
	Comments:

Finish Details (powder coat finish)

Standard Colors



W – White



S – Silver



B – Black

Custom Colors



RAL 1003



RAL 2004



RAL 3000



RAL 4001



RAL 5002



RAL 6000



RAL 6038



RAL 7001



RAL 1036



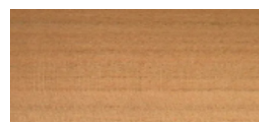
RAL 8029

Any RAL color available, please refer to ralcolorchart.com

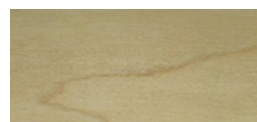
Custom Wooden Colors



American Walnut



Cherry



Maple



Light Oak

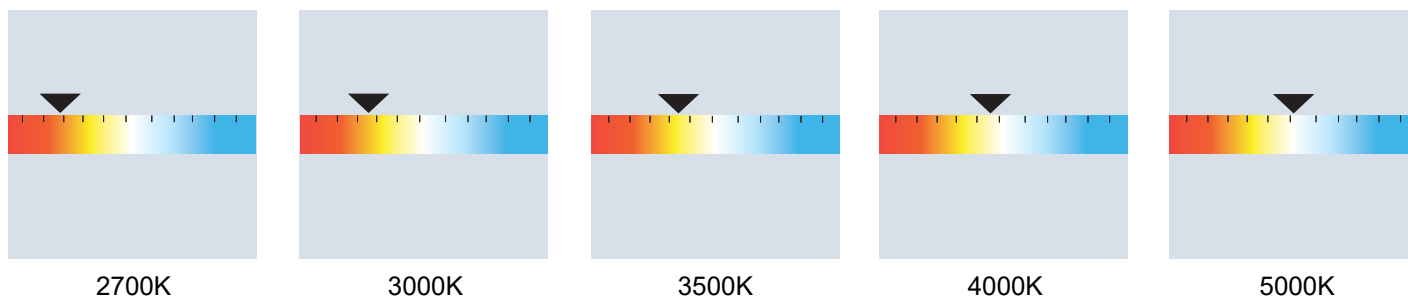


Palisander Santos

Project:	Type:
	Comments:

Color Temperature

Color Temperature



Tunable White

