

Project:	Type:
	Comments:



Highlights

The techoLED BX series features specification-grade linear LED fixtures made from high-grade aluminum extrusions. Available in standard sizes from 2 to 8 feet, as well as custom lengths, these fixtures can be pendant, surface, or wall-mounted. With virtually limitless options for creating patterns and shapes, the BX series provides a versatile, cost-effective, and modern lighting solution.

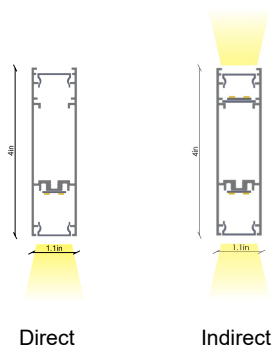
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

Optical: Direct and direct/indirect illumination, 110° beam angle, UGR<19

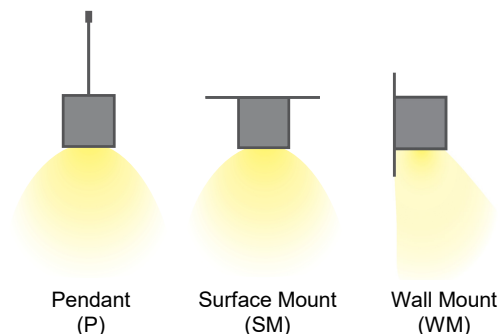
Construction: Damp location listed, high grade aluminum extrusion, die cast end caps, PMMA diffuser, powder coat finish. X, T, L lit corners, wall to ceiling transitions, for smooth seamless patterns.

[5-year limited warranty](#)

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-1-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-1 BX-1	D Direct DI Direct/Indirect DI2 D/I2-circuit DWW Direct, Wall Wash	2 2' 4 4' 6 6' 8 8' C Custom	LO Low ME Medium HI High
5-COLOR TEMP.	6-VOLTAGE	7-FINISH	8-MOUNTING
27 2700K 30 3000K 35 3500K 40 4000K 50 5000K DT Lutron T-series RGB RGB RGBW RGBW D Tunable White	U 110-277V HV 347V	S Silver W White B Black C Custom (RAL#)	P Pendant W Wall Mount SM Surface Mount
9-DRIVER OPTIONS	10-OPTIONS	11-OPTIONS (CONT.)	
DM 0-10V Dimming 2C 2 Channel DM1% 1% Dimming LT1 LDE1 Lutron 1% DA Dali DMX DMX TR Triac Dimming RF RF Wireless X None	RF-D Remote Tunable (RF only) RF-R Remote RGB/W (RF only) M Motion Sensor (remote) BM BubblyNet BT Mesh CS Casambi AWNRR Lutron Athena Node AWNRS Lutron Athena Node sensor NL-ES7 nLight - Wired NL-AIR nLight - AIR NL-M nLight - Module only X None	EM EM Battery (remote) X None	

Project:	Type:
	Comments:

Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-BX-1-D-2-LO-30	2'	Low	3000K	11W	1140Lm
TECHOLED-BX-1-D-2-ME-30	2'	Medium	3000K	15W	1520Lm
TECHOLED-BX-1-D-2-HI-30	2'	High	3000K	20W	2000Lm
TECHOLED-BX-1-D-4-LO-30	4'	Low	3000K	23W	2280Lm
TECHOLED-BX-1-D-4-ME-30	4'	Medium	3000K	30W	3040Lm
TECHOLED-BX-1-D-4-HI-30	4'	High	3000K	40W	4000Lm
TECHOLED-BX-1-D-6-LO-30	6'	Low	3000K	34W	3420Lm
TECHOLED-BX-1-D-6-ME-30	6'	Medium	3000K	46W	4560Lm
TECHOLED-BX-1-D-6-HI-30	6'	High	3000K	60W	6000Lm
TECHOLED-BX-1-D-8-LO-30	8'	Low	3000K	46W	4560Lm
TECHOLED-BX-1-D-8-ME-30	8'	Medium	3000K	61W	6080Lm
TECHOLED-BX-1-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-1-DI-2-LO-30	2'	Low	3000K	17W	1140Lm	570Lm
TECHOLED-BX-1-DI-2-ME-30	2'	Medium	3000K	23W	1520Lm	760Lm
TECHOLED-BX-1-DI-2-HI-30	2'	High	3000K	30W	2000Lm	1000Lm
TECHOLED-BX-1-DI-4-LO-30	4'	Low	3000K	34W	2280Lm	1140Lm
TECHOLED-BX-1-DI-4-ME-30	4'	Medium	3000K	46W	3040Lm	1520Lm
TECHOLED-BX-1-DI-4-HI-30	4'	High	3000K	60W	4000Lm	2000Lm
TECHOLED-BX-1-DI-6-LO-30	6'	Low	3000K	51W	3420Lm	1710Lm
TECHOLED-BX-1-DI-6-ME-30	6'	Medium	3000K	68W	4560Lm	2280Lm
TECHOLED-BX-1-DI-6-HI-30	6'	High	3000K	90W	6000Lm	3000Lm
TECHOLED-BX-1-DI-8-LO-30	8'	Low	3000K	68W	4560Lm	2280Lm
TECHOLED-BX-1-DI-8-ME-30	8'	Medium	3000K	91W	6080Lm	3040Lm
TECHOLED-BX-1-DI-8-HI-30	8'	High	3000K	120W	8000Lm	4000Lm

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

Performance

Output	Direct			Indirect		
	Lumens / W	W / ft	Lumens / ft	Lumens / W	W / ft	Lumens / ft
Low	100	5.7	570	100	2.9	285
Medium	100	7.6	760	100	3.8	380
High	100	10	1000	100	5.0	500

Project:	Type:
	Comments:

Driver Option Details

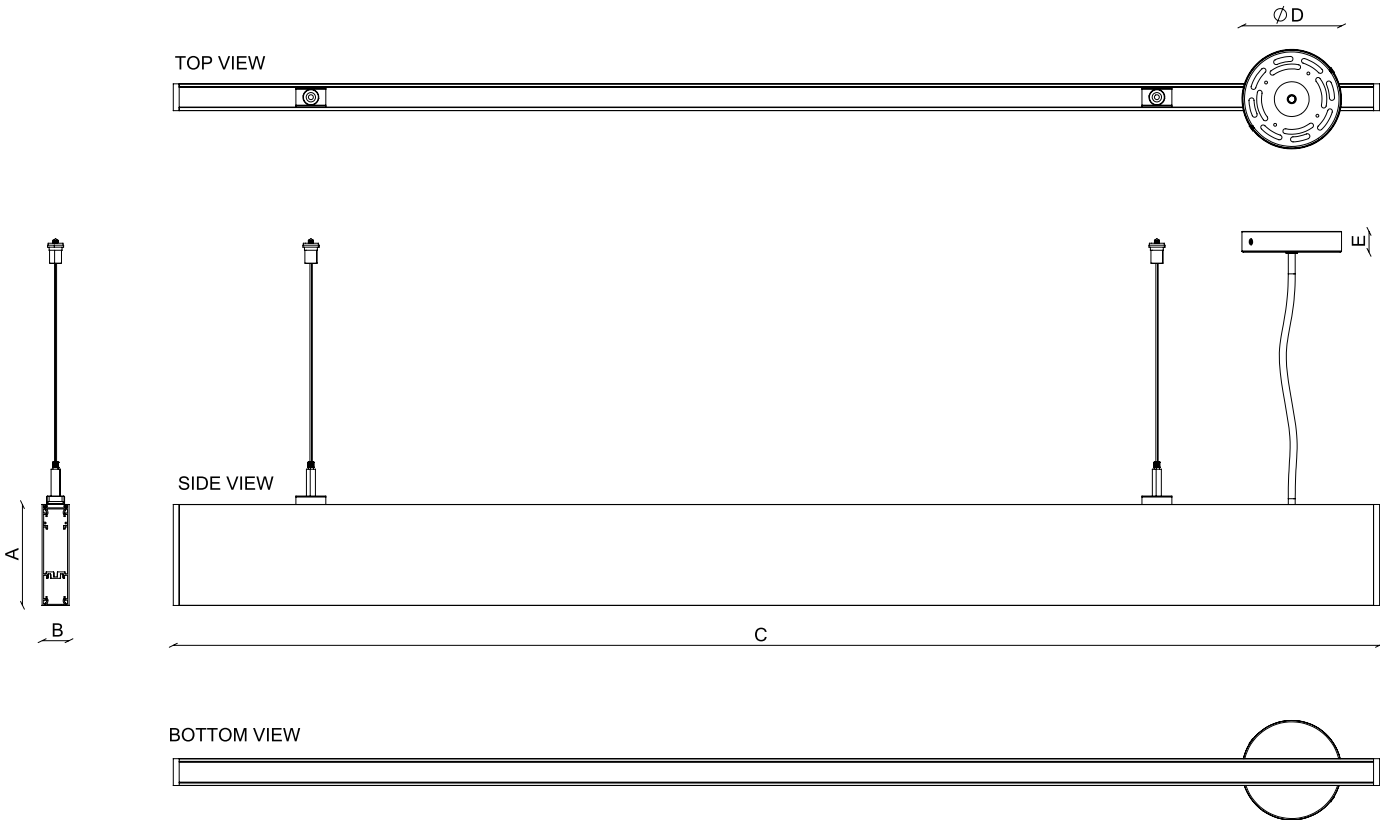
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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
AWNR	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:

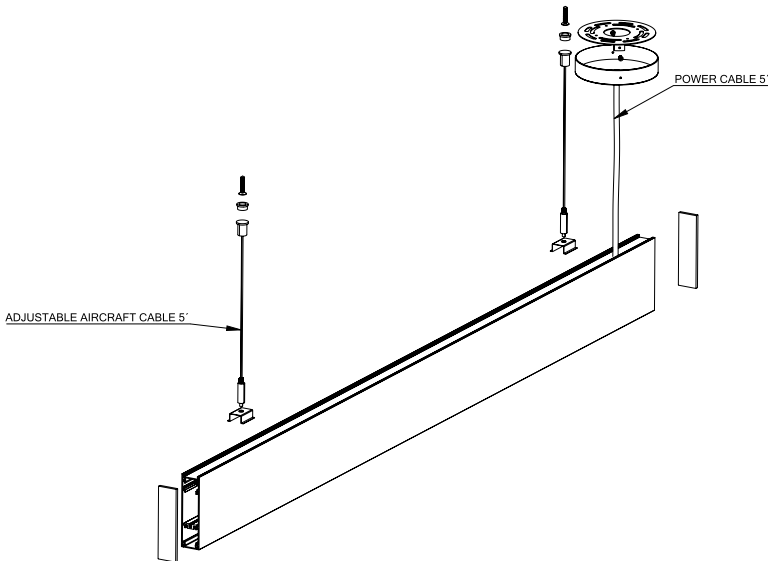
Dimension and Mounting - Direct Distribution (D)



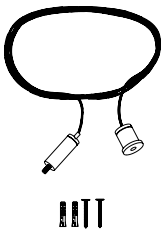
FIXTURE ID	A	B	C	D	E
BX-1-D-2	4"	1.1"	24"	4.33"	0.98"
BX-1-D-4	4"	1.1"	48"	4.33"	0.98"
BX-1-D-6	4"	1.1"	72"	4.33"	0.98"
BX-1-D-8	4"	1.1"	96"	4.33"	0.98"

Project:	Type:
	Comments:

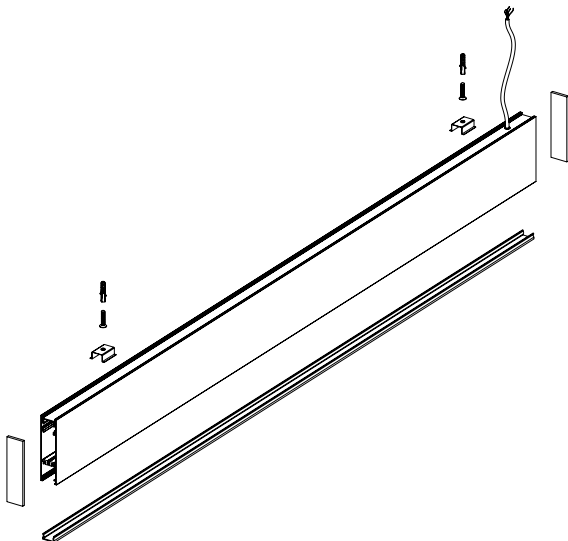
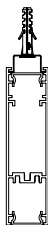
Pendant Mount (D)



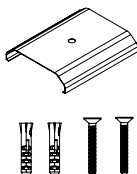
Pendant Kit



Surface Mount (D)

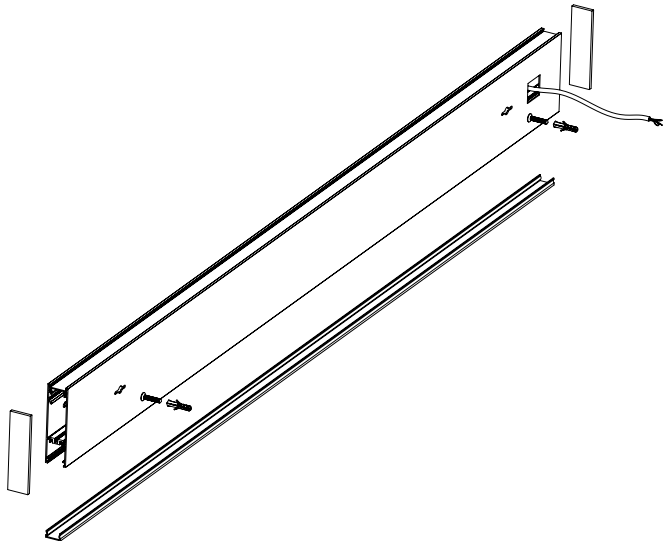
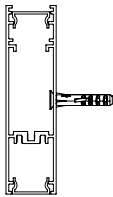


Surface Mount Kit



Project:	Type:
	Comments:

■ Wall Mount (D)

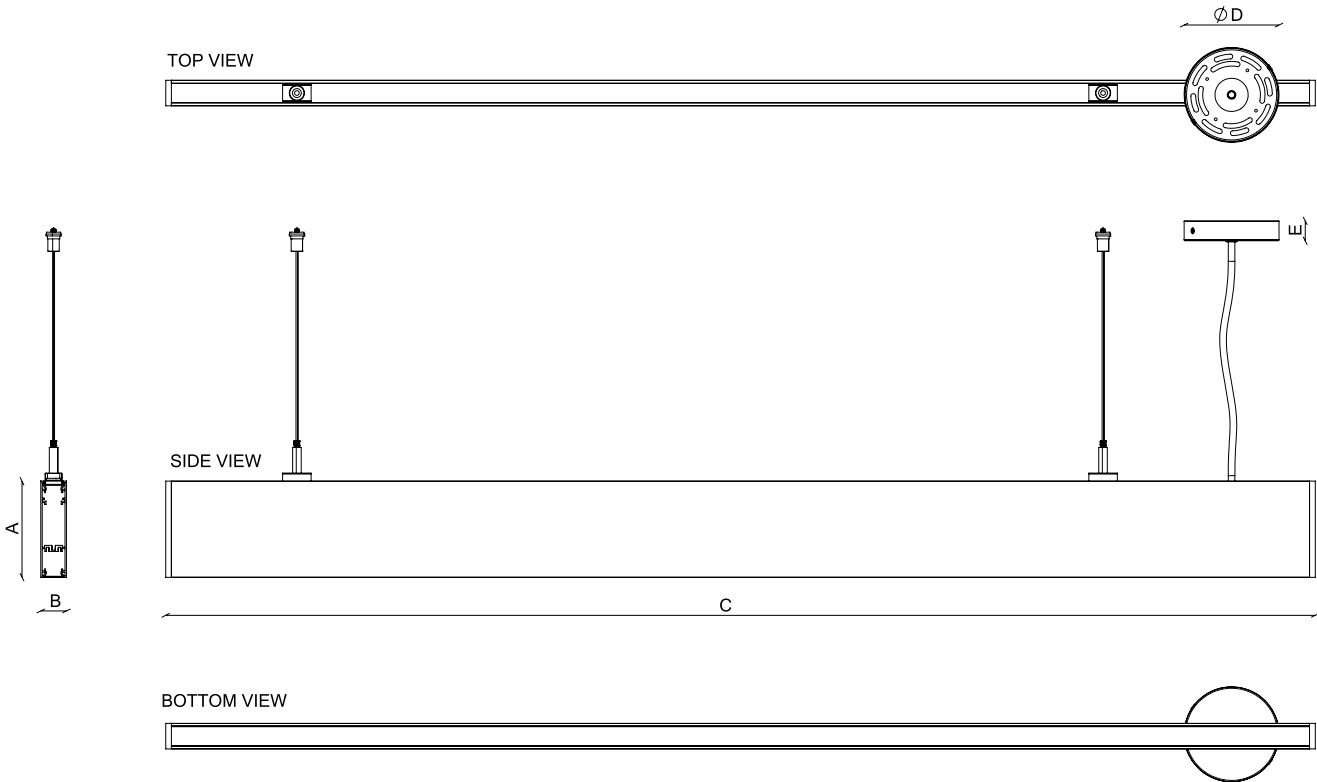


■ Wall Mount Kit



Project:	Type:
	Comments:

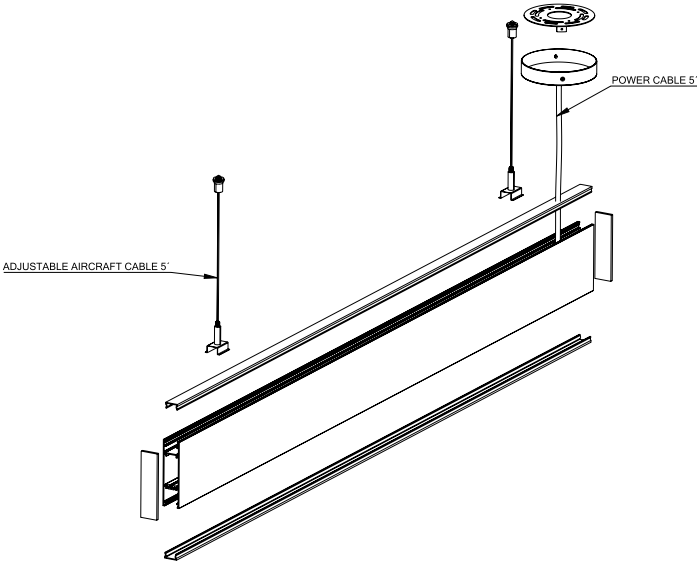
Dimension and Mounting - Direct/Indirect Distribution (DI)



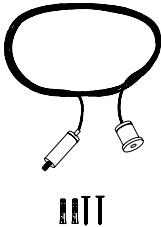
FIXTURE ID	A	B	C	D	E
BX-1-DI-2	4"	1.1"	24"	4.33"	0.98"
BX-1-DI-4	4"	1.1"	48"	4.33"	0.98"
BX-1-DI-6	4"	1.1"	72"	4.33"	0.98"
BX-1-DI-8	4"	1.1"	96"	4.33"	0.98"

Project:	Type:
	Comments:

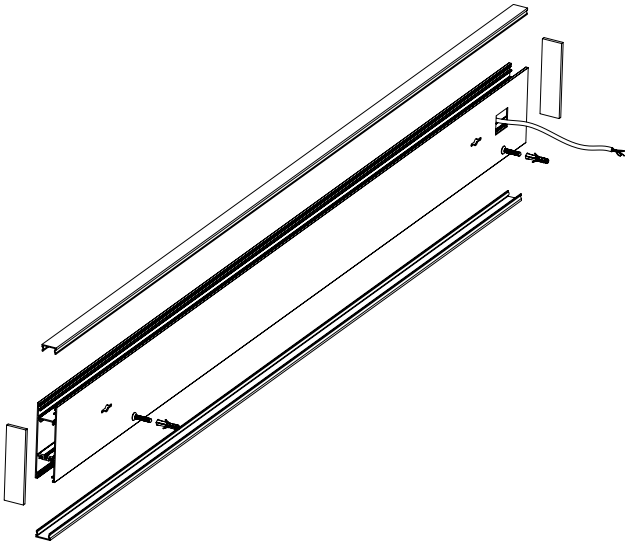
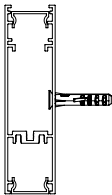
Pendant Mount (DI)



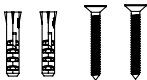
Pendant Kit



Wall Mount (DI)



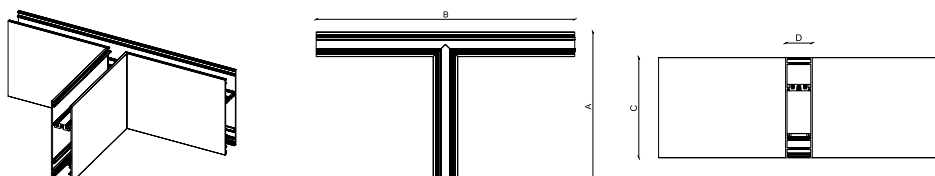
Wall Mount Kit



Project:	Type:
Comments:	

Connectors

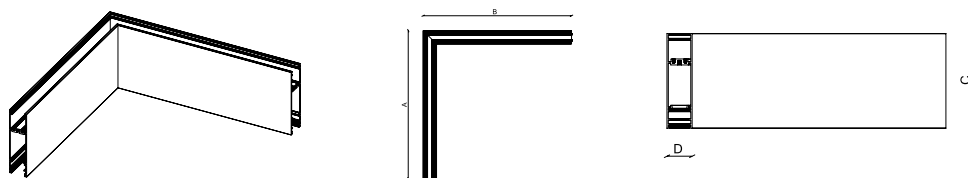
■ BX-1 (T-shape) - connector



(T-shape)	Connector
A	6.4"
B	11.2"
C	4"
D	1.1"

Not to scale

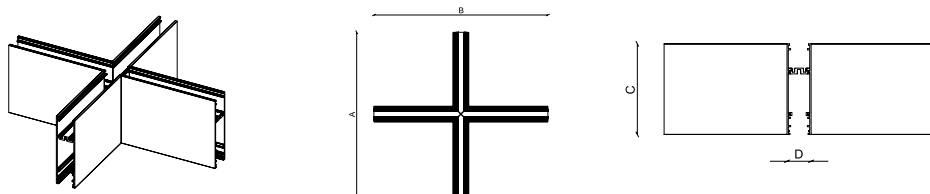
■ BX-1 (L-shape) - connector



(L-shape)	Connector
A	11.8"
B	11.8"
C	4"
D	1.1"

Not to scale

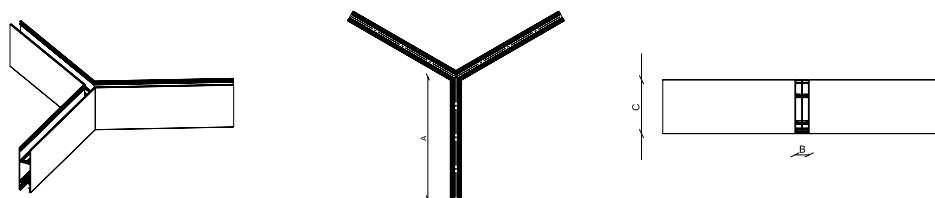
■ BX-1 (X-shape) - connector



(X-shape)	Connector
A	11.2"
B	11.89"
C	4"
D	1.1"

Not to scale

■ BX-1 (Y-shape) - connector



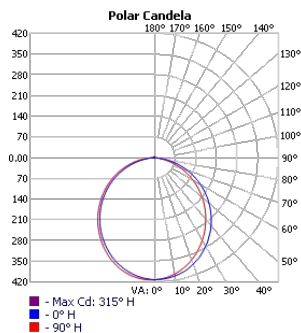
(Y-shape)	Connector
A	11.6"
B	6"
C	4"
D	1.1"

Not to scale

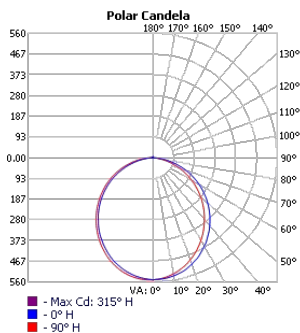
Project:	Type:
	Comments:



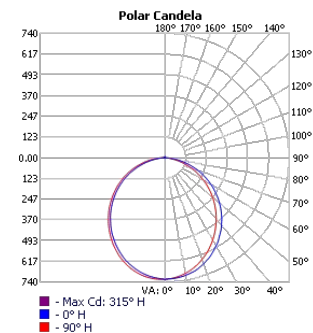
Photometrics



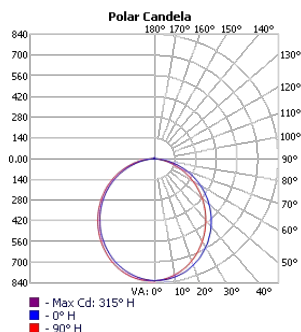
TECHOLED-BX-1-D-2-LO-30



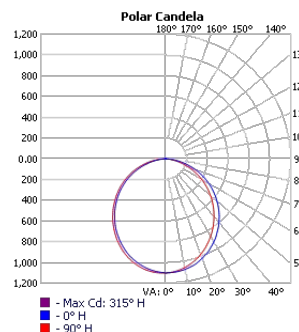
TECHOLED-BX-1-D-2-ME-30



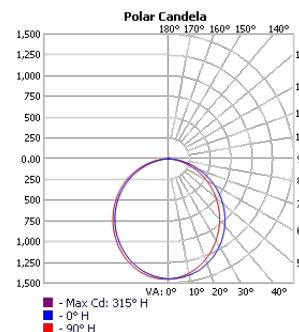
TECHOLED-BX-1-D-2-HI-30



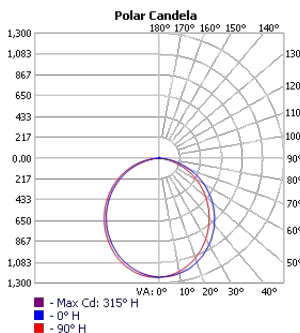
TECHOLED-BX-1-D-4-LO-30



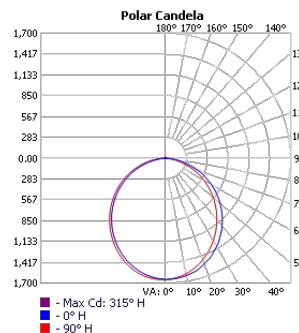
TECHOLED-BX-1-D-4-ME-30



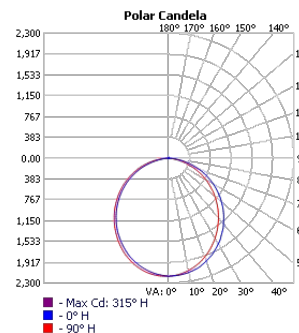
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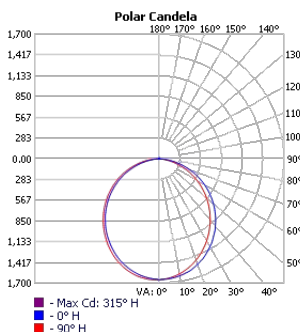
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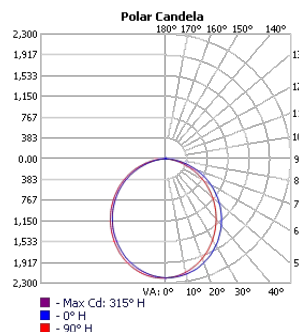
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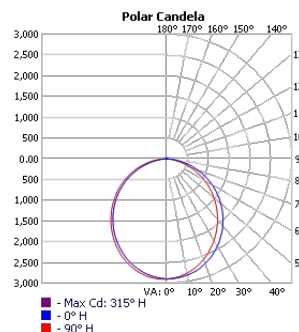
TECHOLED-BX-1-D-6-HI-30



TECHOLED-BX-1-D-8-LO-30

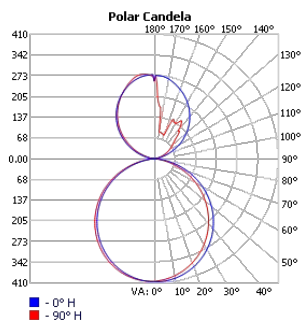


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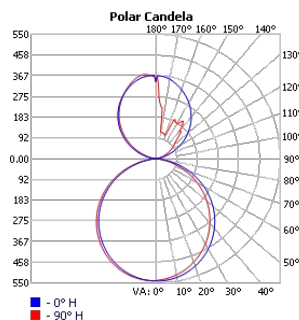


TECHOLED-BX-1-D-8-HI-30

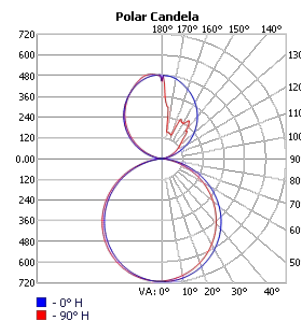
Project:	Type:
	Comments:



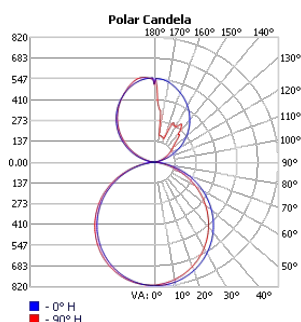
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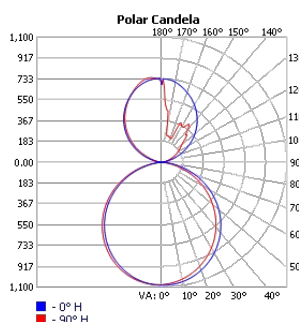
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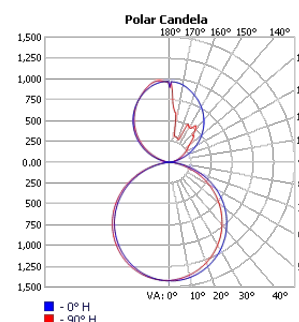
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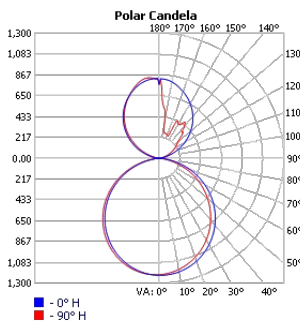
TECHOLED-BX-1-DI-4-LO-30



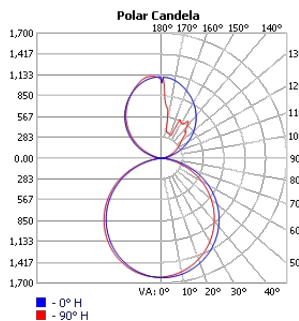
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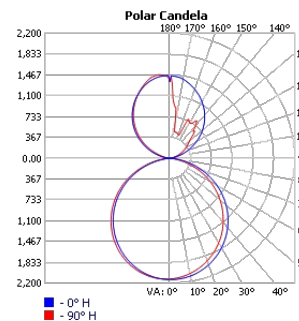
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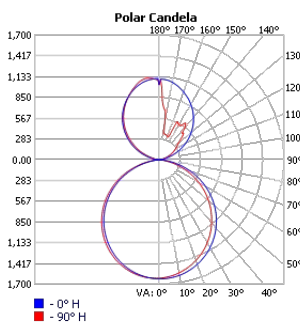
TECHOLED-BX-1-DI-6-LO-30



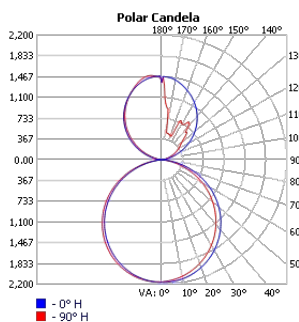
TECHOLED-BX-1-DI-6-ME-30



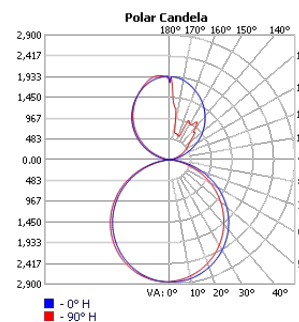
TECHOLED-BX-1-DI-6-HI-30



TECHOLED-BX-1-DI-8-LO-30



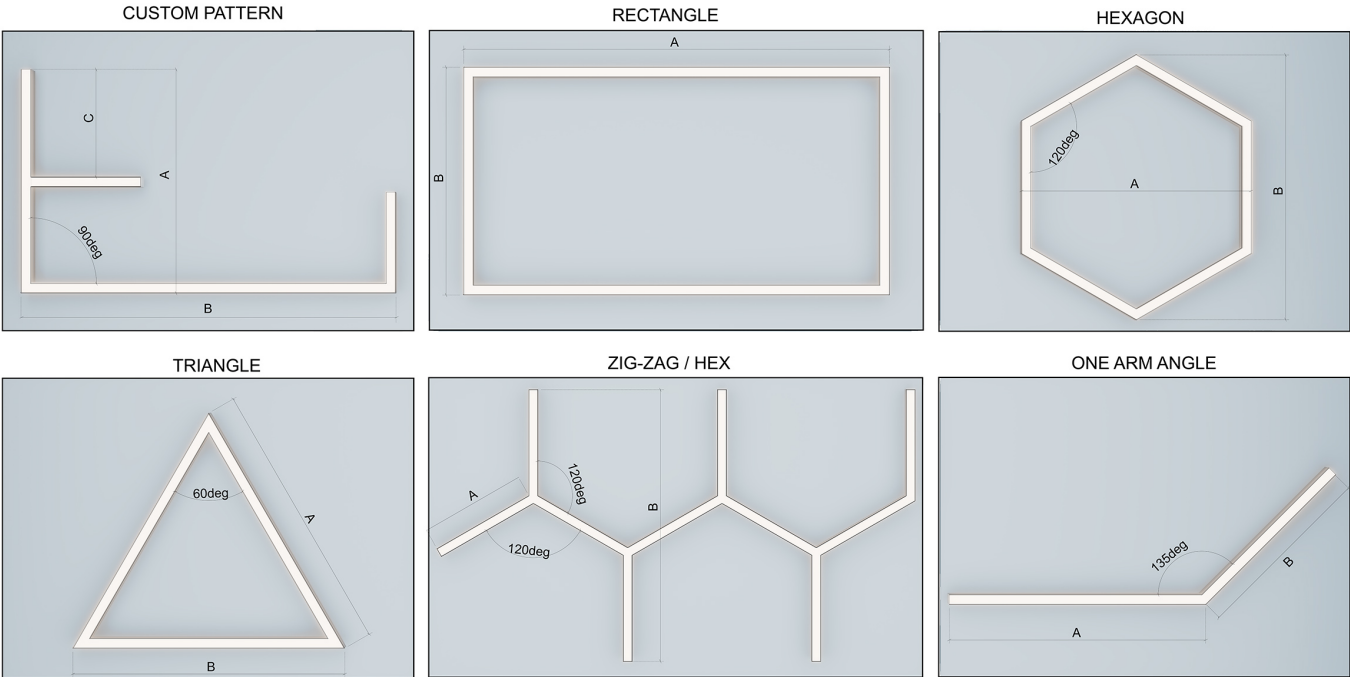
TECHOLED-BX-1-DI-8-ME-30



TECHOLED-BX-1-DI-8-HI-30

Project:	Type:
	Comments:

Patterns Option Examples



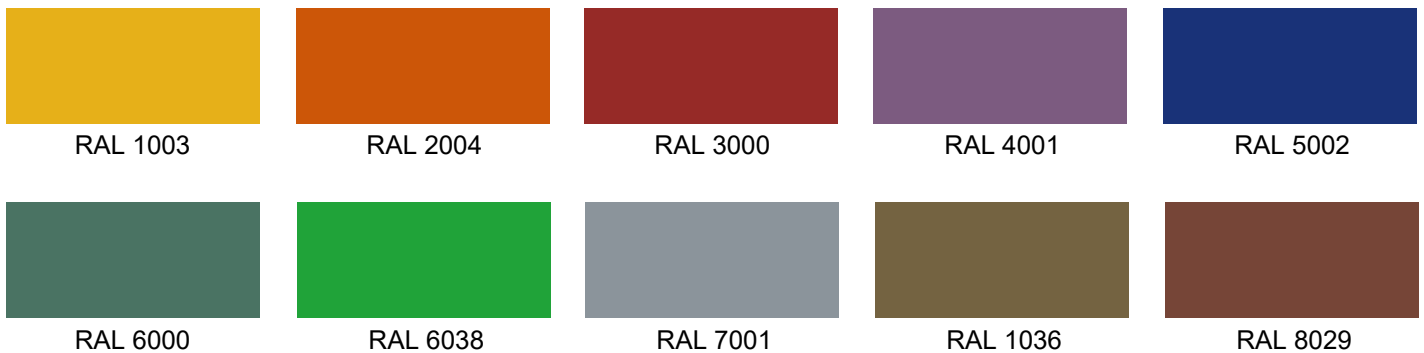
Project:	Type:
	Comments:

 Finish Details (powder coat finish)

 Standard Colors

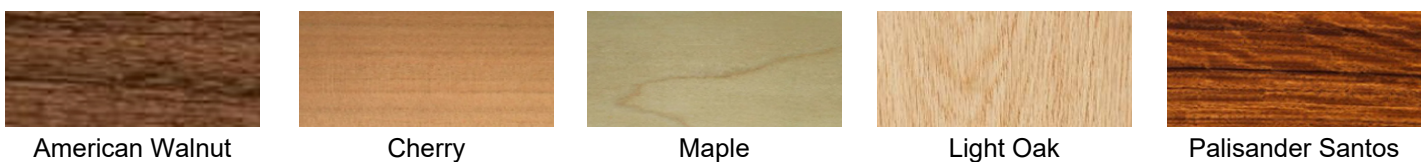


 Custom Colors



Any RAL color available, please refer to ralcolorchart.com

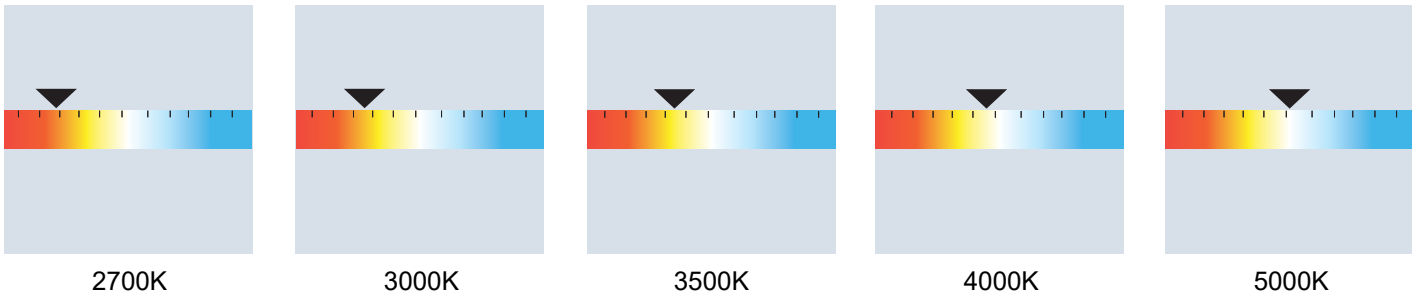
 Custom Wooden Colors



Project:	Type:
	Comments:

Color Temperature

Color Temperature



Tunable White

