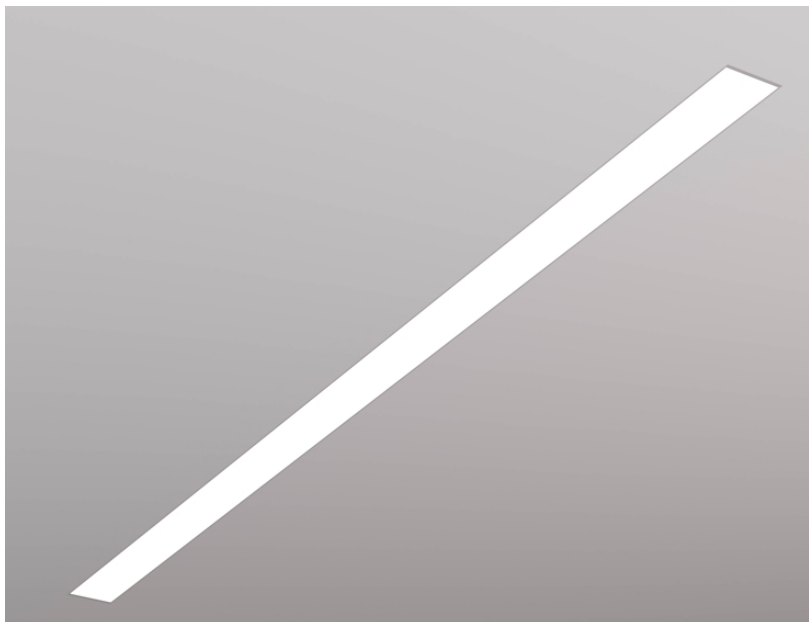


Project:	Type:
	Comments:



Highlights

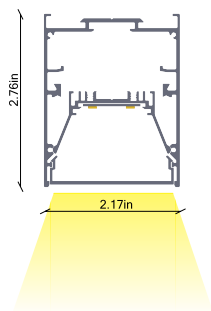
BX-2-R series is specification grade, architectural linear fixture, with virtually unlimited possibilities to create patterns, continuous runs and shapes. Recessed into drywall, wood or grid ceilings. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great and simple lighting solution for all modern interiors.

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

Optical: Direct 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, Chicago Plenum optional.

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Finish
TECHOLED-BX-2-R-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-R BX-2-R	D Direct	2 2'	LO Low
	DWW Direct, Wall Wash	4 4'	ME Medium
	BW Bat Wing	6 6'	HI High
		8 8'	
		C Custom	

5-COLOR TEMP.	6-VOLTAGE	7-FINISH	8-MOUNTING
27 2700K	U 110-277V	S Silver	RP Mud-in
30 3000K	HV 347V	W White	TG9 T grid 9/16"
35 3500K		B Black	TG15 T grid 15/16"
40 4000K		C Custom (RAL#)	TS Slot grid
50 5000K			TEG Tegular grid
DT Lutron T-series			RW Wood
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	
	CP Chicago Plenum	
	X None	

Project:	Type:
	Comments:

Lumen Output Details

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

Performance

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

Project:	Type:
	Comments:

Driver Option Details

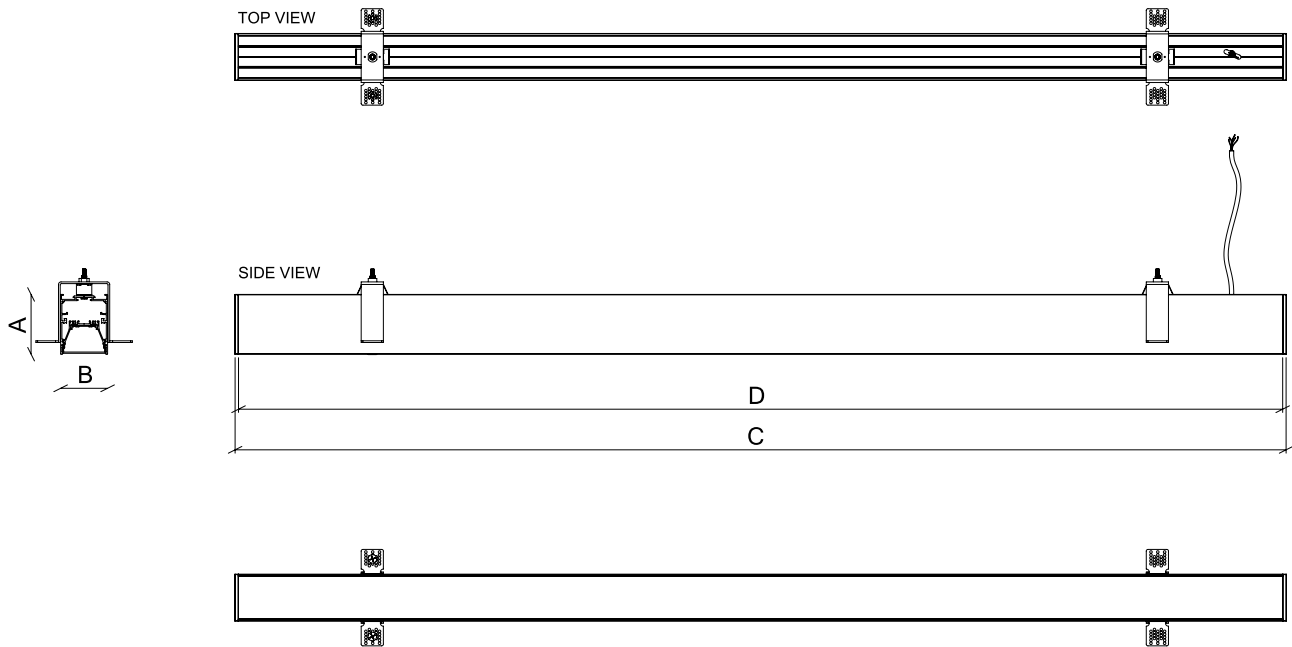
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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:

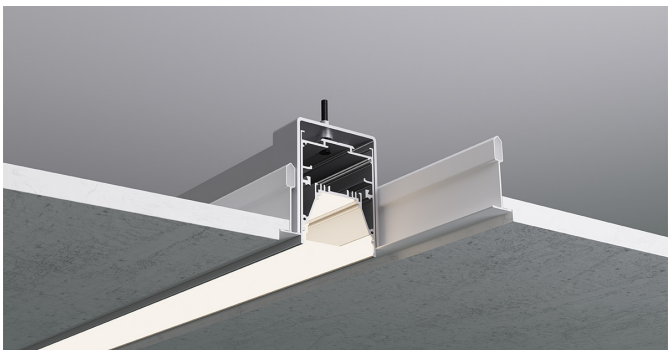
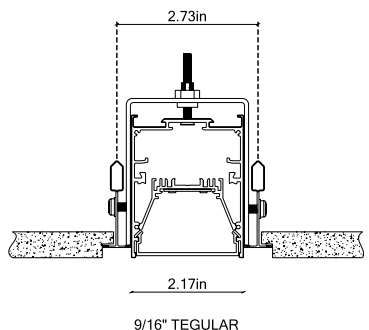
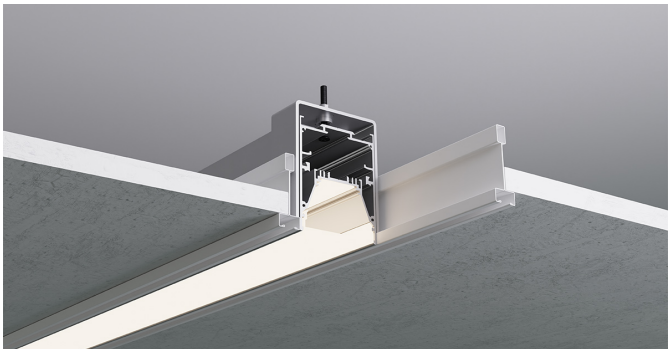
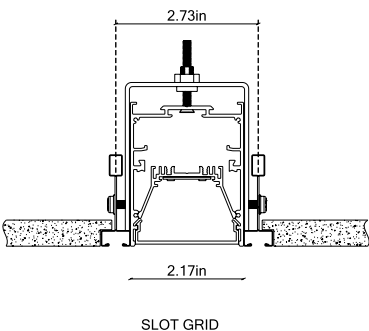
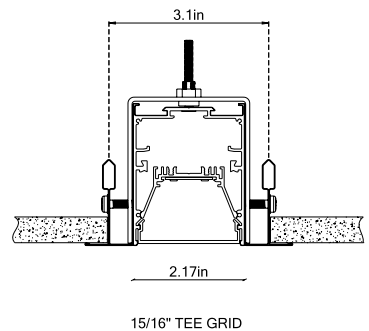
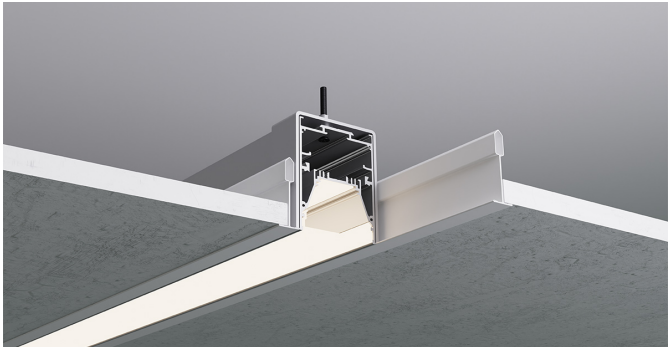
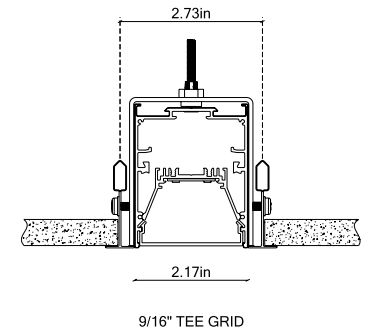
 Dimension and Mounting - Direct Distribution (D)



FIXTURE ID	A	B	C	D
BX-2-R-D-2	2.76"	2.17"	24.49"	24.17"
BX-2-R-D-4	2.76"	2.17"	48.50"	48.2"
BX-2-R-D-6	2.76"	2.17"	72.48"	72.2"
BX-2-R-D-8	2.76"	2.17"	96.50"	96.2"

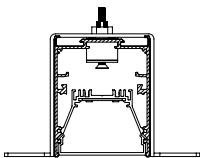
Project:	Type:
	Comments:

■ Recessed

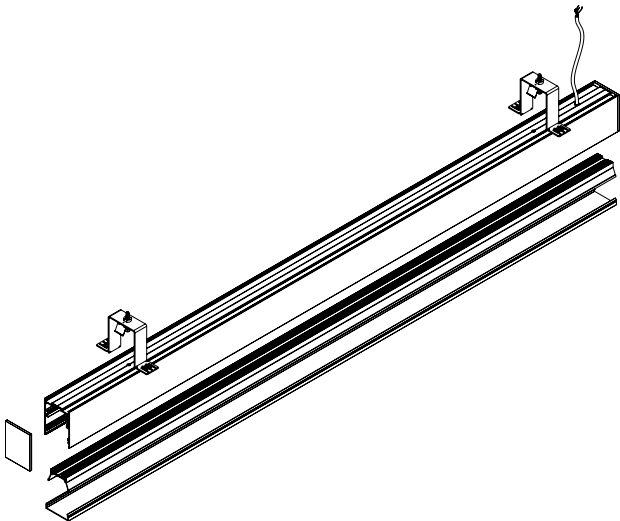
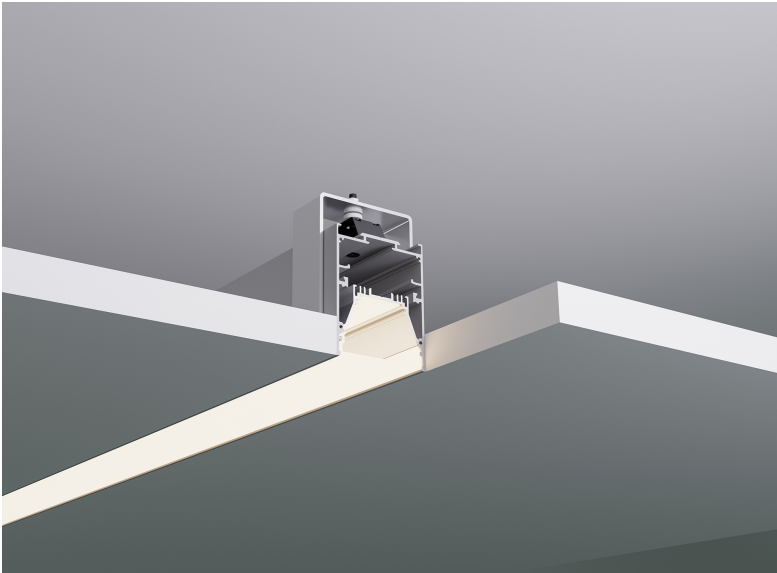


Project:	Type:
	Comments:

Recessed (mud-in)



Recessed (mud-in)



Recessed (mud-in) Kit



BX-2-RB

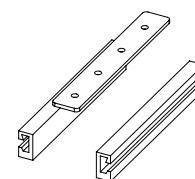
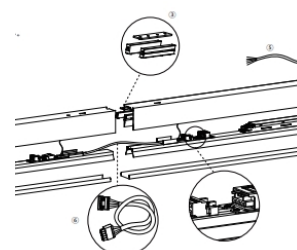
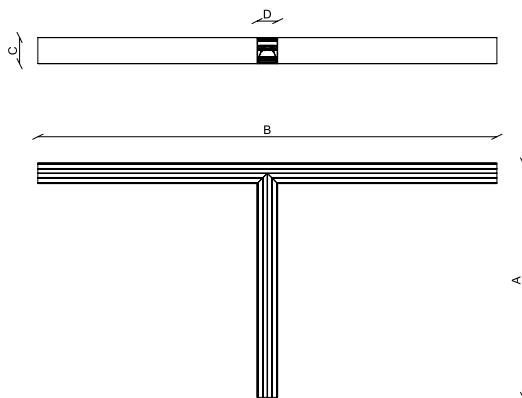
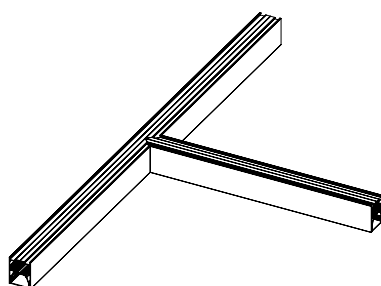
Project:	Type:
Comments:	

Connectors

BX-2-R T-shape

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

Not to scale

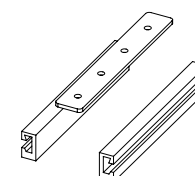
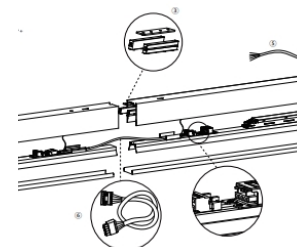
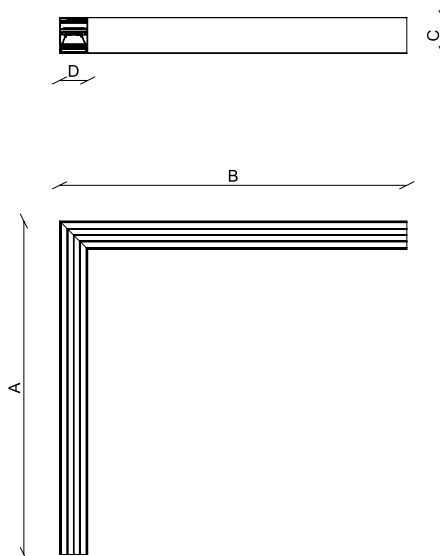
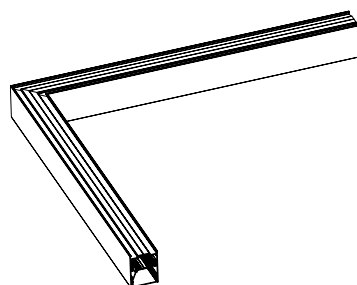


L45-180

BX-2-R L-shape

BX-2-R-L	Connector
A	25.08"
B	25.08"
C	2.76"
D	2.17"

Not to scale



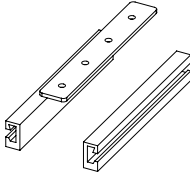
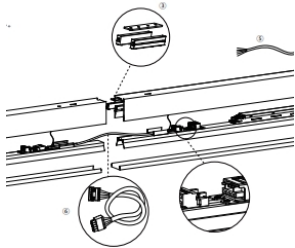
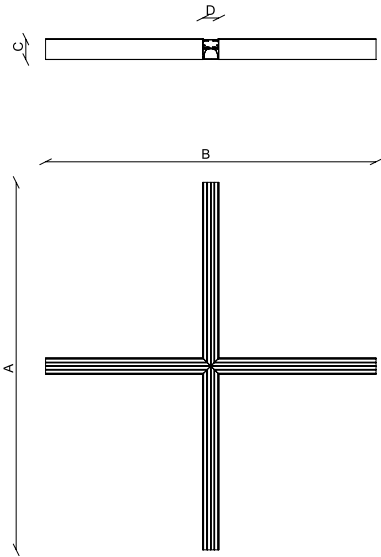
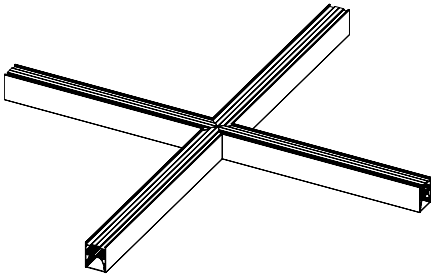
L45-180

Project:	Type:
	Comments:

BX-2-R X-shape

BX-2-R-X	Connector
A	25.08"
B	25.08"
C	2.76"
D	2.17"

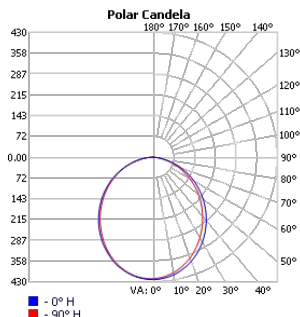
Not to scale



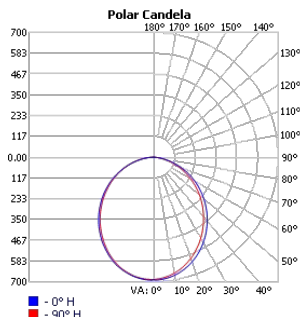
L45-180

Project:	Type:
	Comments:

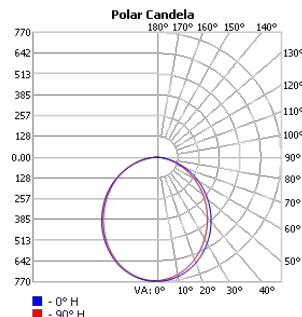
Photometrics



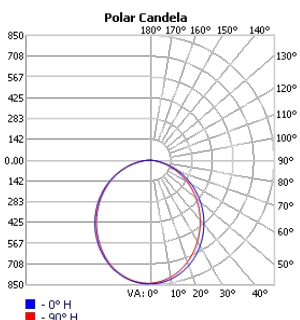
TECHOLED-BX-2-R-D-2-LO-30



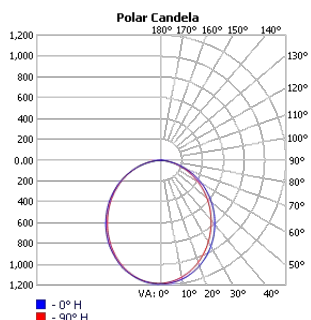
TECHOLED-BX-2-R-D-2-ME-30



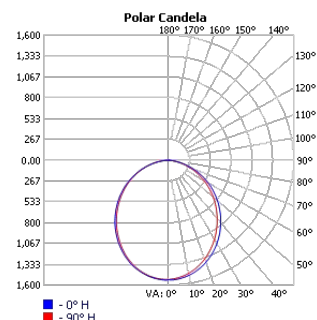
TECHOLED-BX-2-R-D-2-HI-30



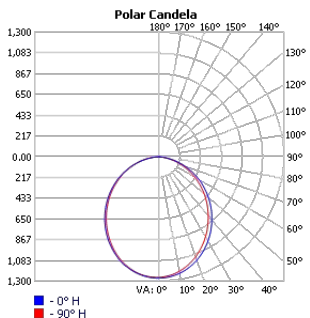
TECHOLED-BX-2-R-D-4-LO-30



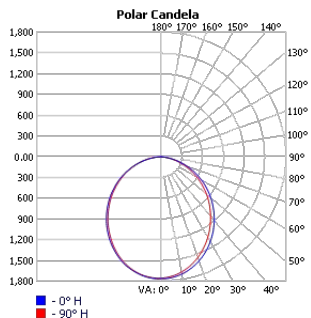
TECHOLED-BX-2-R-D-4-ME-30



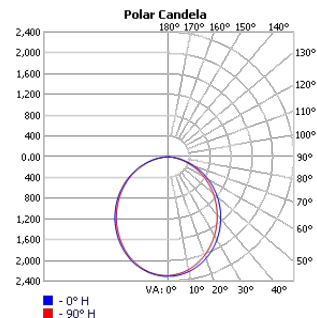
TECHOLED-BX-2-R-D-4-HI-30



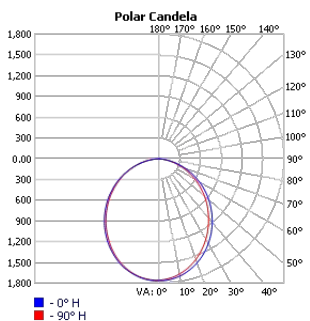
TECHOLED-BX-2-R-D-6-LO-30



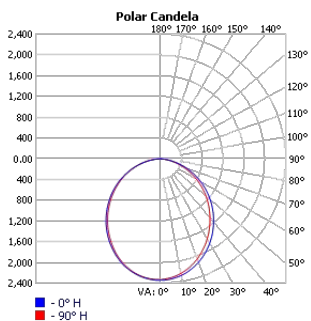
TECHOLED-BX-2-R-D-6-ME-30



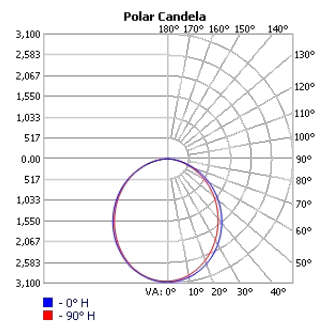
TECHOLED-BX-2-R-D-6-HI-30



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



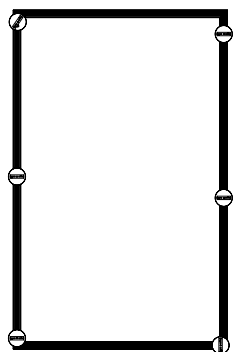
TECHOLED-BX-2-R-D-8-ME-30



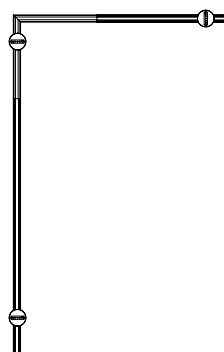
TECHOLED-BX-2-R-D-8-HI-30

Project:	Type:
	Comments:

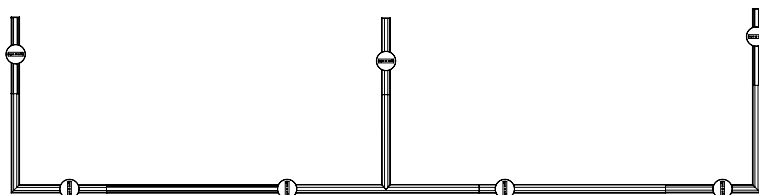
 Patterns Option Examples



Rectangle



L-Shape



Custom

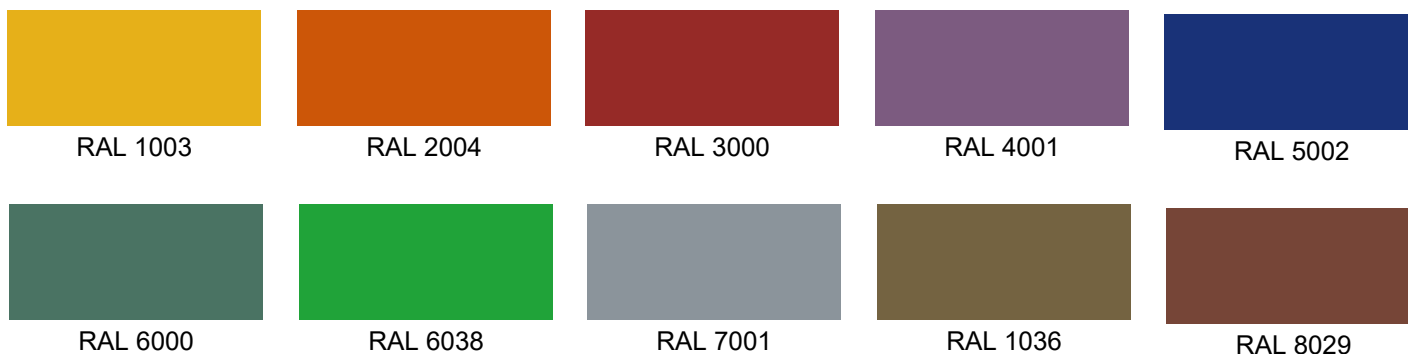
Project:	Type:
	Comments:

 Finish Details (powder coat finish)

 Standard Colors

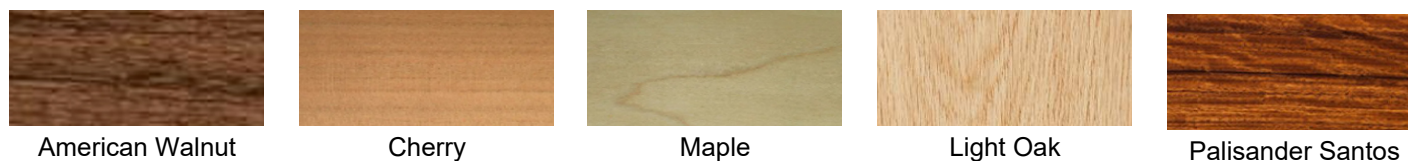


 Custom Colors



Any RAL color available, please refer to ralcolorchart.com

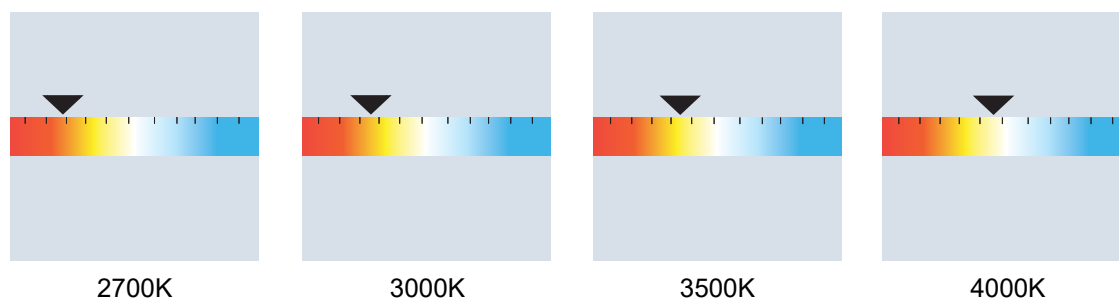
 Custom Wooden Colors



Project:	Type:
	Comments:

Color Temperature

Color Temperature



Tunable White

