

Project:	Type:
	Comments:



Highlights

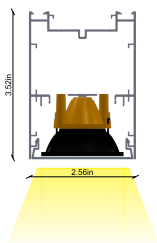
The TechoLED BX series features specification-grade linear LED fixtures made from high-grade aluminum extrusions. Available in standard sizes from 2 to 8 feet, as well as custom lengths, recessed installation in variety of ceiling and materials. With virtually limitless options for creating patterns 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.

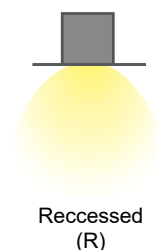
Optical: Direct illumination, multiple beam angles available, UGR<16

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.

Cross Section



Installation



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Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-3RS-R-D-2-ME-27-U-W	Direct	2'	Medium	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-3RS-R		D Direct		2 2' 4 4' 6 6' 8 8' C Custom		ME Medium	
5-COLOR TEMP.		6-BEAM ANGLE		7-VOLTAGE		8-FINISH	
27 2700K 30 3000K 35 3500K 40 4000K 50 5000K DT Lutron T-series RGB RGB D Tunable White		15 15° 35 35° 45 45°		U 110-277V HV 347V		B Black C Custom (RAL#) S Silver W White	
9-MOUNTING		10-DRIVER OPTIONS		11-OPTIONS			
R Recessed RP Recessed (mud-in) TG9 TG9 TG15 TG15		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 AWN R Lutron Athena Node AWN S Lutron Athena Node sensor NL-ES7 nLight - Wired NL-AIR nLight - AIR NL-M nLight - Module only X None			

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Lumen Output Details

Model #	Size	Color Temp.	Wattage	Lumen Output	Lumens / ft	Light Source
TECHOLED-BX-3RS-R-D-2-ME-30	2'	3000K	15W	1425Lm	713	5 spots
TECHOLED-BX-3RS-R-D-4-ME-30	4'	3000K	18W	1710Lm	428	6 spots
TECHOLED-BX-3RS-R-D-6-ME-30	6'	3000K	24W	2280Lm	380	8 spots
TECHOLED-BX-3RS-R-D-8-ME-30	8'	3000K	30W	2850Lm	356	10 spots

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
Medium	95	3.8	3

Driver Option Details

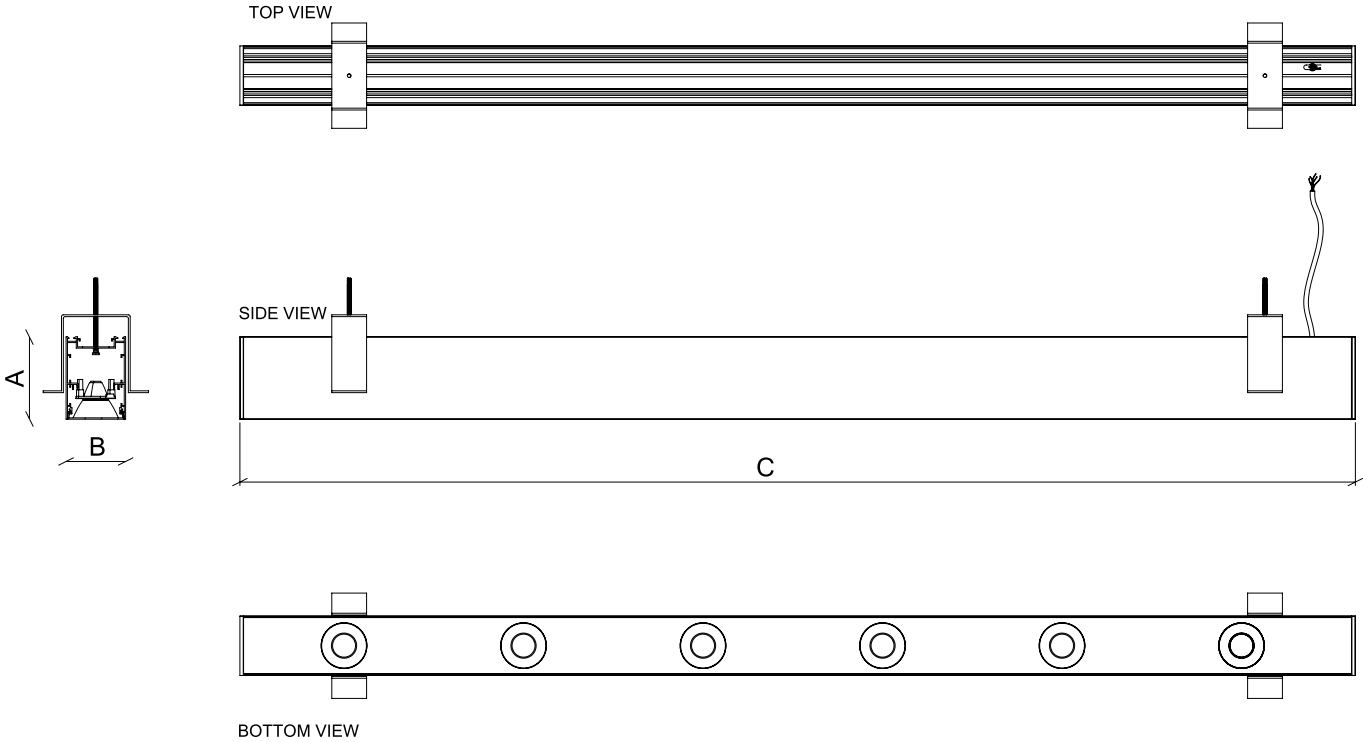
Code	Description
LT1	LDE1 - Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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
AWN-R	Lutron Athena wireless node
AWN-S	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

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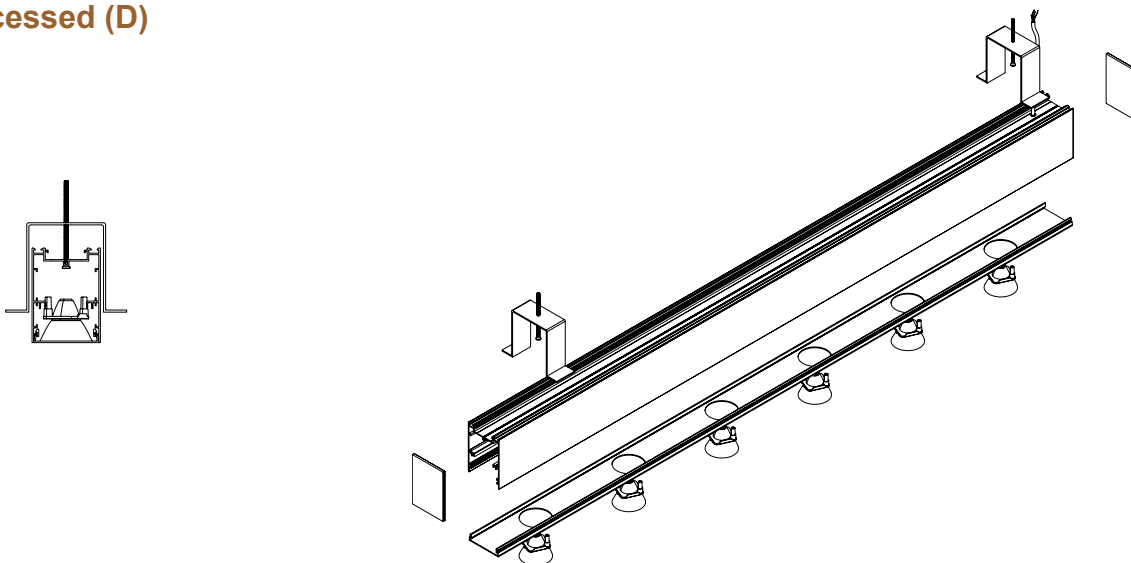
Dimension and Mounting - Direct Distribution (D)



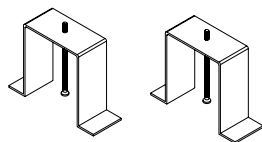
FIXTURE ID	A	B	C
BX-3RS-R-D-2	3.5"	2.6"	24.2"
BX-3RS-R-D-4	3.5"	2.6"	48"
BX-3RS-R-D-6	3.5"	2.6"	71.8"
BX-3RS-R-D-8	3.5"	2.6"	95.5"

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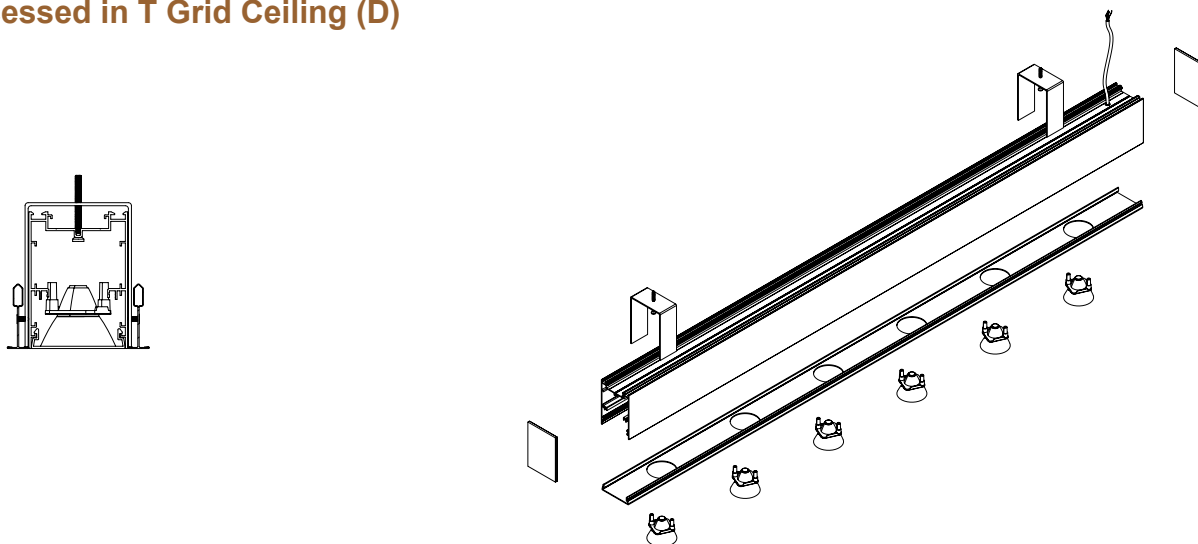
■ **Recessed (D)**



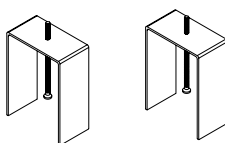
■ **Recessed Kit**



■ **Recessed in T Grid Ceiling (D)**

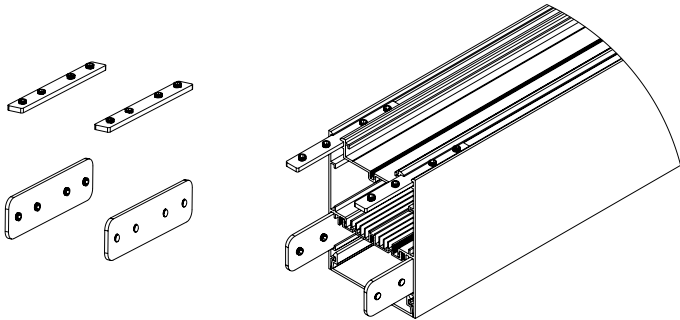


■ **Recessed in T Grid Ceiling Kit**

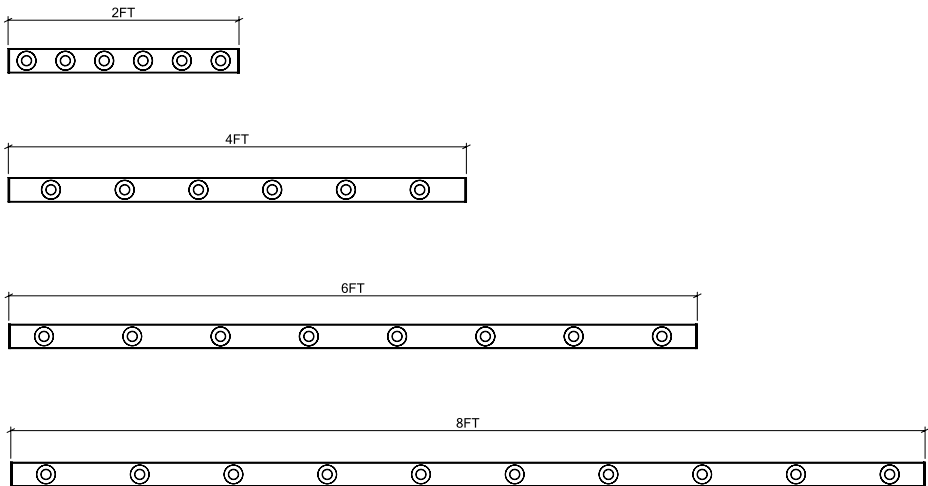


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Connectors

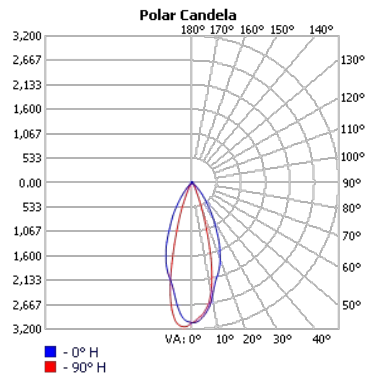


Configurations

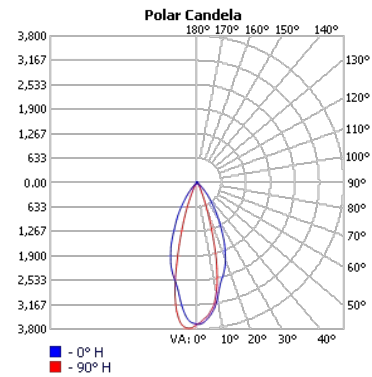


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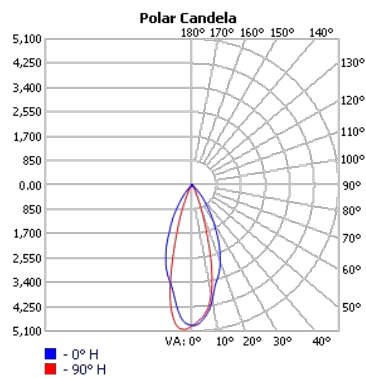
Photometrics



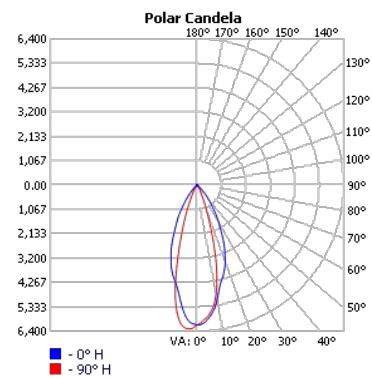
TECHOLED-BX-3RS-R-D-2-ME-30



TECHOLED-BX-3RS-R-D-4-ME-30



TECHOLED-BX-3RS-R-D-6-ME-30



TECHOLED-BX-3RS-R-D-8-ME-30

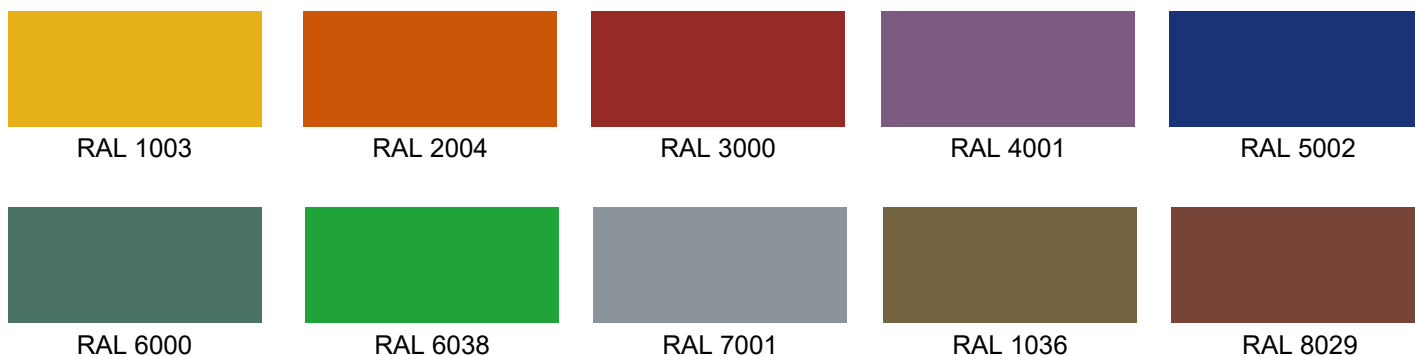
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 Finish Details (powder coat finish)

 Standard Colors



 Custom Colors



Any RAL color available, please refer to ralcolorchart.com

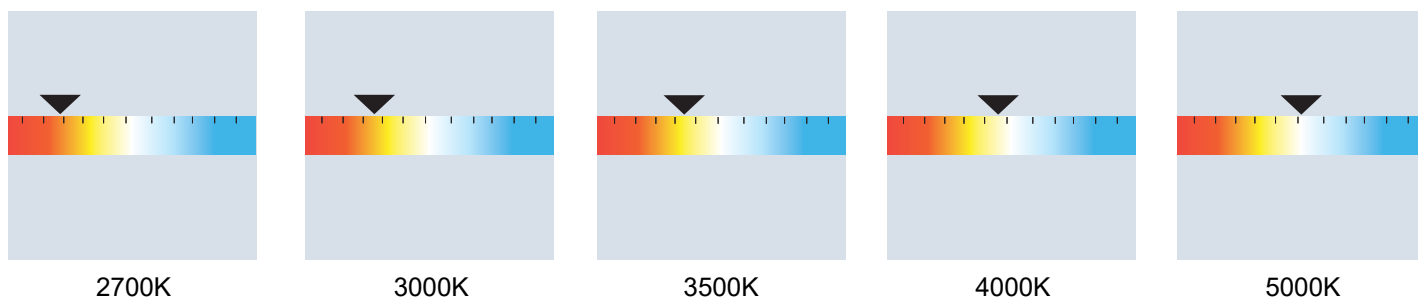
 Custom Wooden Colors



Project:	Type:
	Comments:

 Color Temperature

 Color Temperature



 Tunable White

