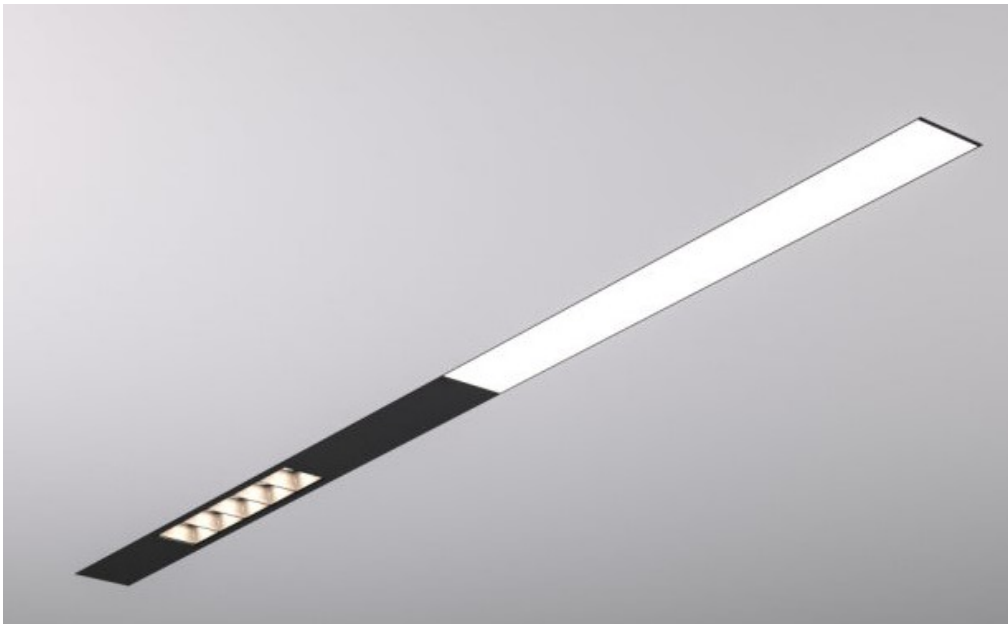


Project:	Type:
	Comments:



Highlights

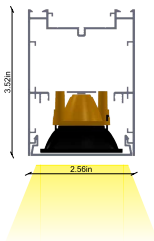
The TechoLED BX series features specification-grade linear LED fixtures made from high-grade aluminum extrusions. Available in standard sizes from 2 to 8 feet, as well as custom lengths, recessed installation in variety of ceiling and materials. With virtually limitless options for creating patterns 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 (110° beam angle on solid lens), 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.

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Beam Angle	Voltage
TECHOLED-BX-3C-R-D-2-ME-27-15-U	Direct	2'	Medium	2700K	15°	110-270V

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-3C-R	D Direct	4 4' 6 6' 8 8' C Custom	ME Medium

5-COLOR TEMP.	6-BEAM ANGLE	7-VOLTAGE	8-FINISH
27 2700K	15 15°	U 110-277V	B Black
30 3000K	30 30°	HV 347V	C Custom (RAL#)
35 3500K	45 45°		S Silver
40 4000K			W White
50 5000K			
DT Lutron T-series			
RGB RGB			
RGBW RGBW			
D Tunable White			

9-MOUNTING	10-DRIVER OPTIONS	11-OPTIONS
R Recessed	DM 0-10V Dimming	RF-D Remote Tunable (RF only)
RP Recessed (mud-in)	2C 2 Channel	RF-R Remote RGB/W (RF only)
TG9 TG9	DM1% 1% Dimming	M Motion Sensor (remote)
TG15 TG15	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	Color Temp.	Wattage	Lumen Output	Lumens / ft	Light Source
TECHOLED-BX-3C-R-D-4-ME-30	4'	3000K	25W	2400Lm	600	5 spots / 1 linear
TECHOLED-BX-3C-R-D-6-ME-30	6'	3000K	40W	3600Lm	600	10 spots / 1 linear
TECHOLED-BX-3C-R-D-8-ME-30	8'	3000K	60W	5700Lm	713	20 spots / 1 linear

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

Performance

Output	Lumens / W	W / linear	W / spot
Medium	95	10	3

Driver Option Details

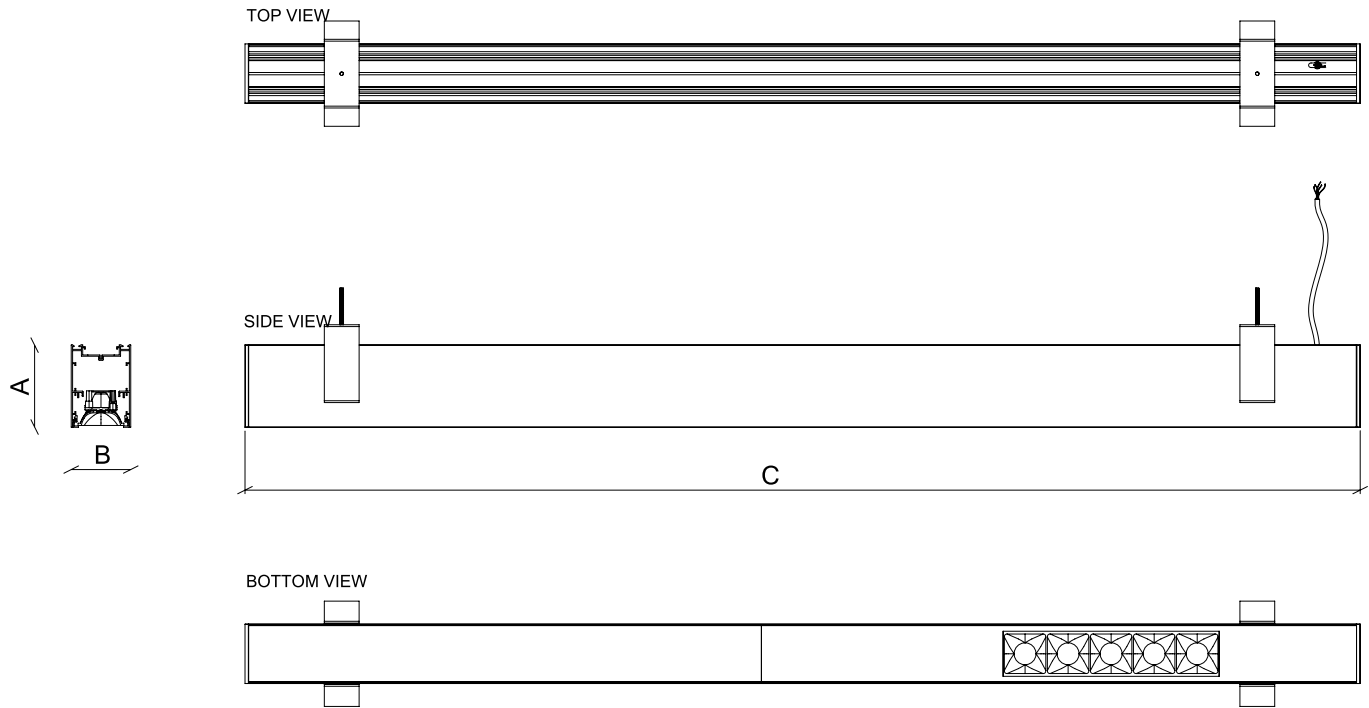
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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
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:

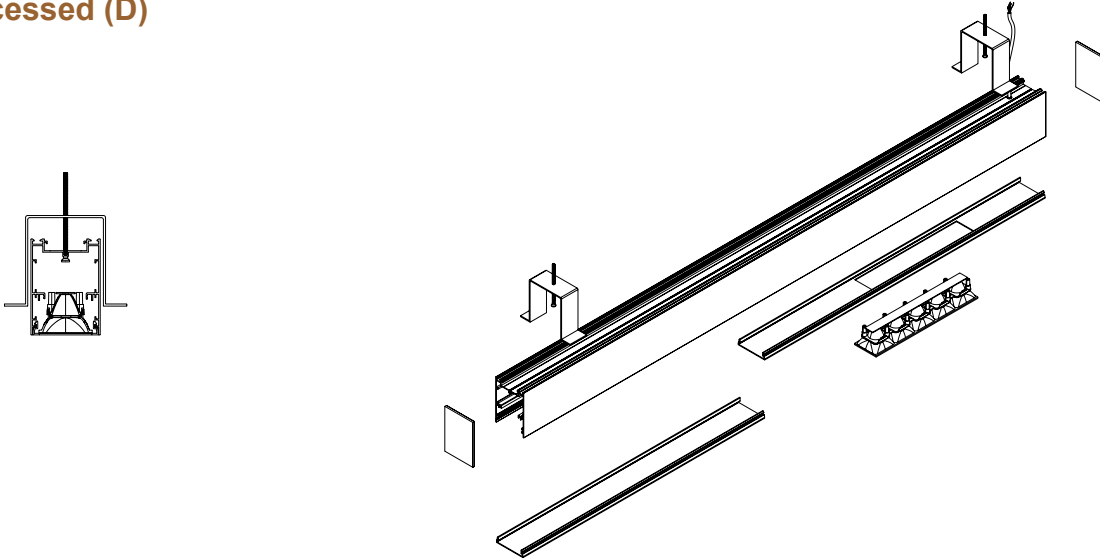
Dimension and Mounting - Direct Distribution (D)



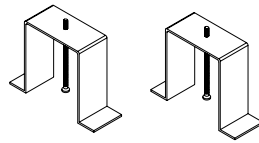
FIXTURE ID	A	B	C
BX-3C-R-D-4	3.5"	2.6"	48"
BX-3C-R-D-6	3.5"	2.6"	71.8"
BX-3C-R-D-8	3.5"	2.6"	95.5"

Project:	Type:
	Comments:

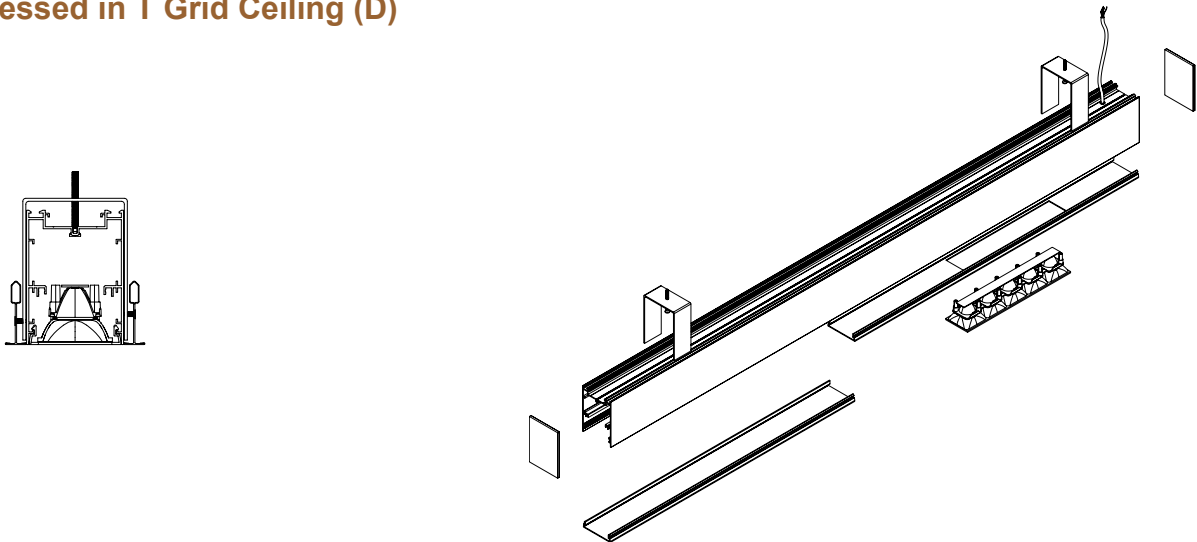
■ **Recessed (D)**



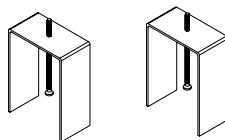
■ **Recessed Kit**



■ **Recessed in T Grid Ceiling (D)**

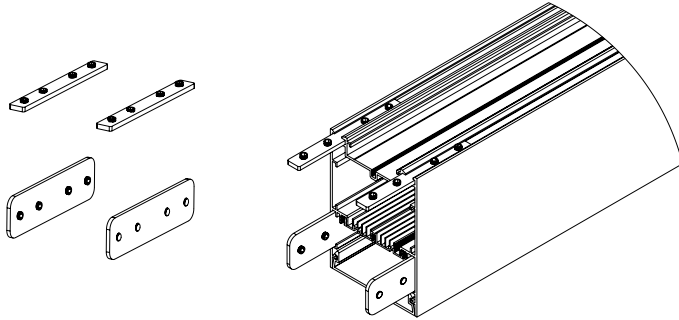


■ **Recessed in T Grid Ceiling Kit**

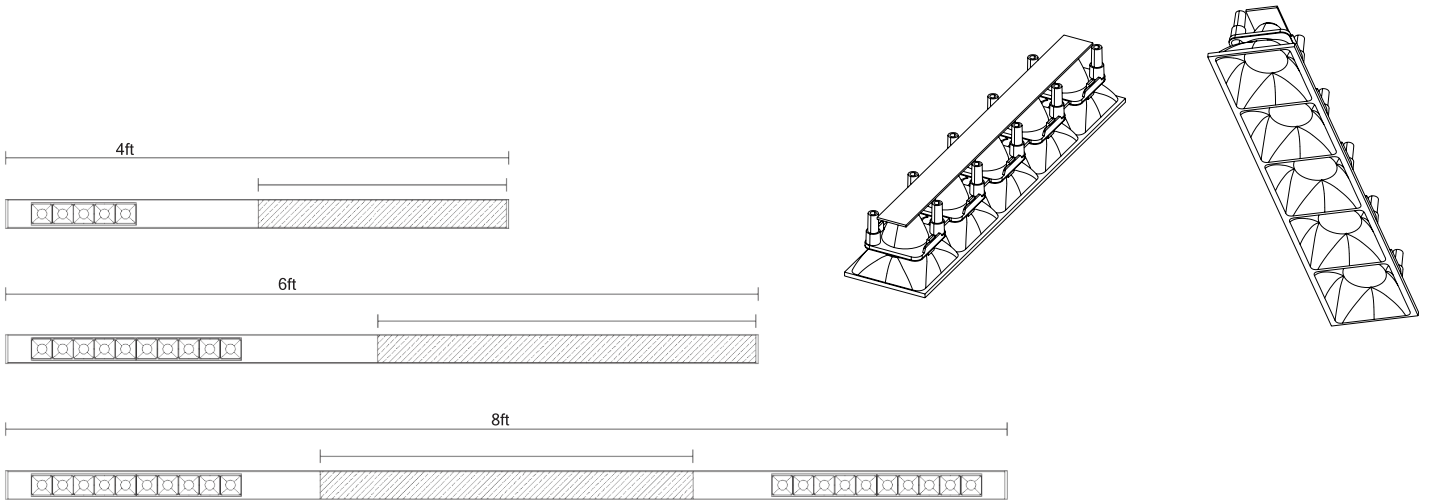


Project:	Type:
	Comments:

Connectors

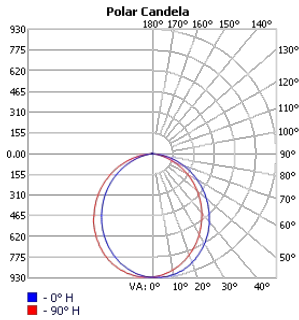


Configurations

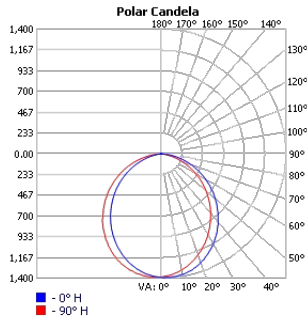


Project:	Type:
	Comments:

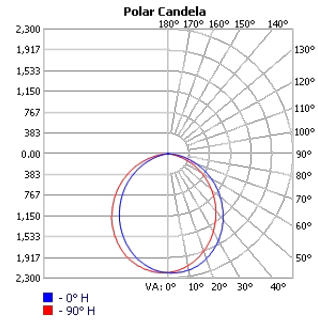
Photometrics



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

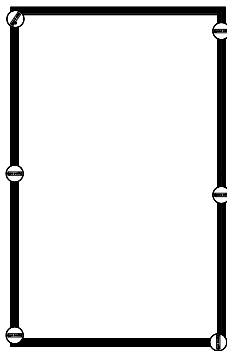


TECHOLED-BX-3C-R-D-6-ME-30

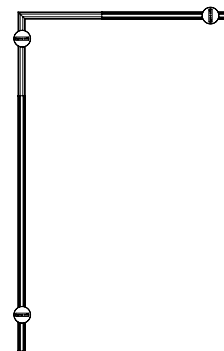


TECHOLED-BX-3C-R-D-8-ME-30

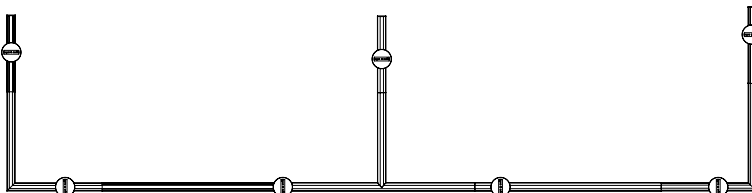
Patterns Option Examples



Rectangle



L-Shape

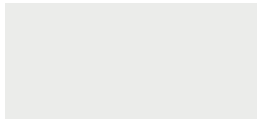


Custom

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



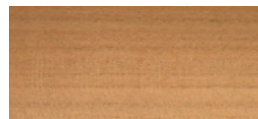
RAL 8029

Any RAL color available, please refer to ralcolorchart.com

■ Custom Wooden Colors



American Walnut



Cherry



Maple



Light Oak

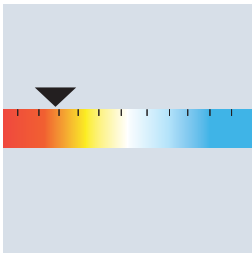


Palisander Santos

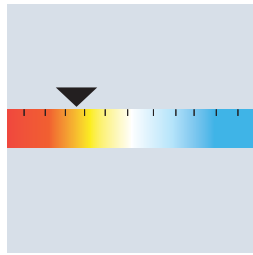
Project:	Type:
	Comments:

Color Temperature

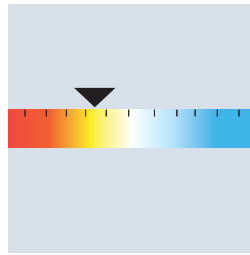
Color Temperature



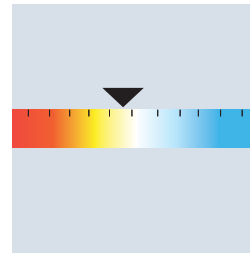
2700K



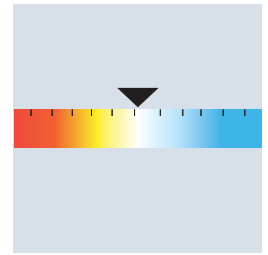
3000K



3500K

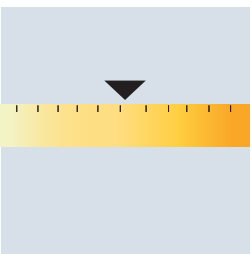


4000K

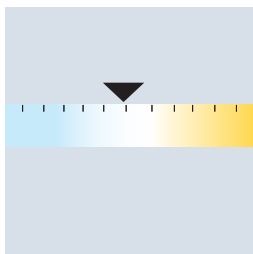


5000K

Tunable White



Dim To Warm



Tunable White