

Project:	Type:
	Comments:



Highlights

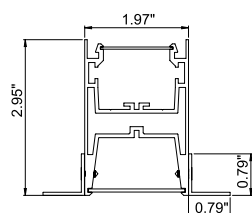
The TechoLED BX series features specification-grade linear LED fixtures made from high-grade aluminum extrusions. Available in standard sizes from 2 to 8 feet, as well as custom lengths, recessed installation in variety of ceiling and materials. With virtually limitless options for creating patterns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

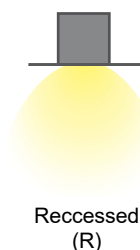
Construction: Damp location listed, high grade aluminum extrusion, die cast end caps, PMMA diffuser, powder coat finish. X, T, L lit corners, wall to ceiling transitions, for smooth seamless patterns.

Cross Section



Direct

Installation



Recessed
(R)

Project:	Type:
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Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-CURV-R-D-C-ME-27-U-W	Direct	Custom	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-CURV-R		D	Direct	C	Custom	LO	Low
						ME	Medium
						HI	High
5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
27	2700K	U	110-277V	S	Silver	RP Recessed (mud-in)	
30	3000K	HV	347V	W	White		
35	3500K			B	Black		
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 R	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				

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Lumen Output Details

Direct Distribution

Model #	Distribution	Length	Output	Color Temp.	Lumens / W	W / ft	Lumens / ft
TECHOLED-BX-CURV-R-D-C-LO-30	Direct	Custom	Low	3000K	100	6	600
TECHOLED-BX-CURV-R-D-C-ME-30	Direct	Custom	Medium	3000K	100	10	1000
TECHOLED-BX-CURV-R-D-C-HI-30	Direct	Custom	High	3000K	105	15	1500

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

Project:	Type:
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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

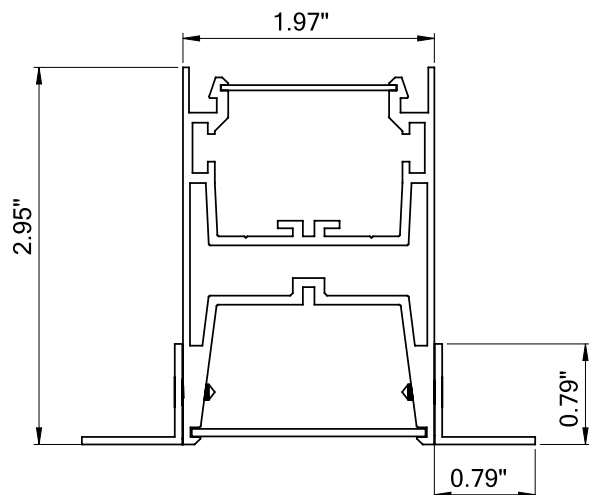
Code	Description
RF-D	RF Wireless remote controller for tunable white. Default for tunable white.
RF-R	RF Wireless remote controller for RGB & RGBW. Default for RGB & RGBW.
M	Motion Sensor - remote, for integral sensor consult factory
BM	Bluetooth Mesh Smart Wireless Control by BubblyNet
CS	Bluetooth 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

Length Details

Code	Description
C	Custom, Drawing required (consult factory)

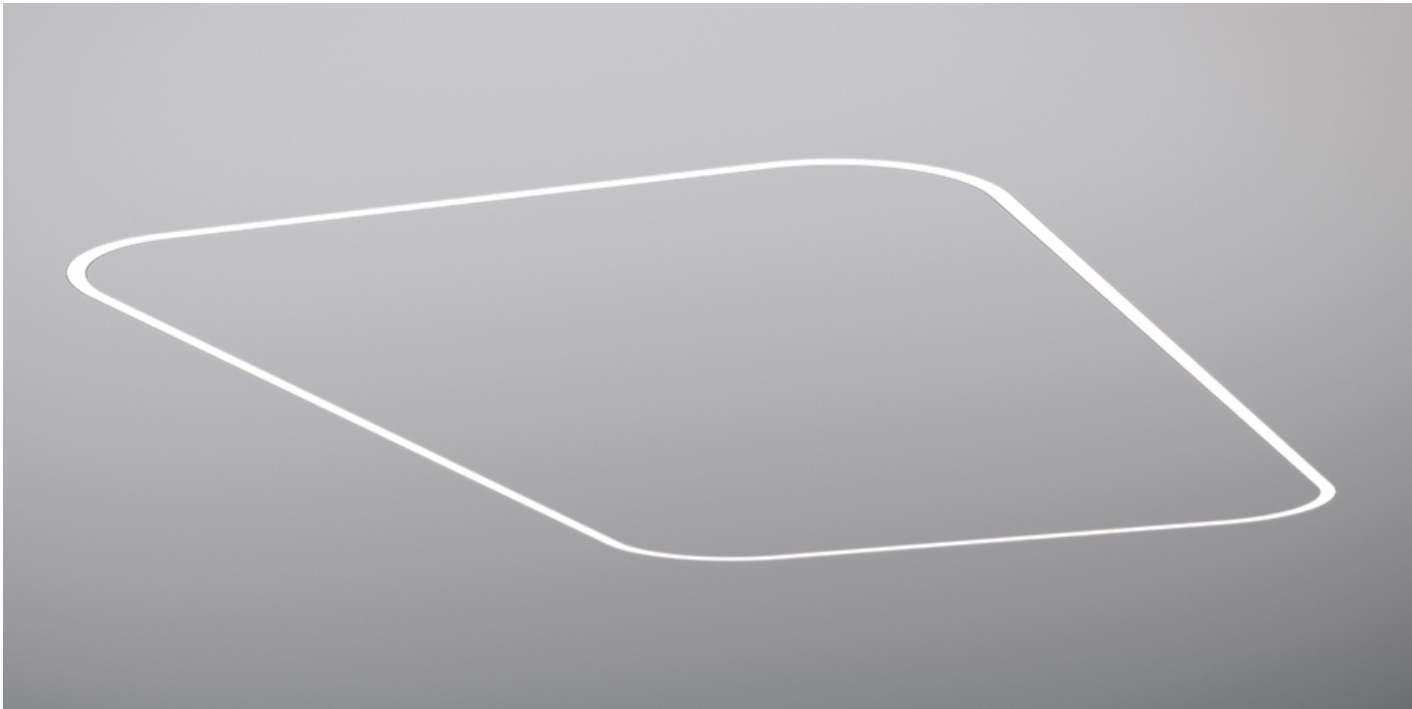
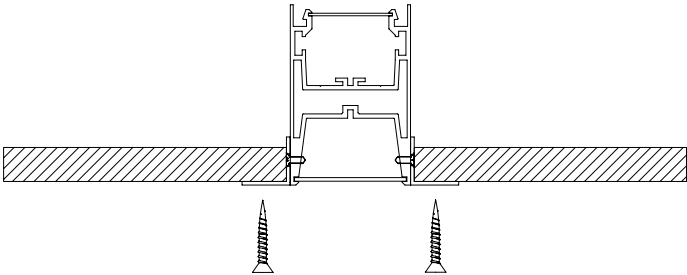
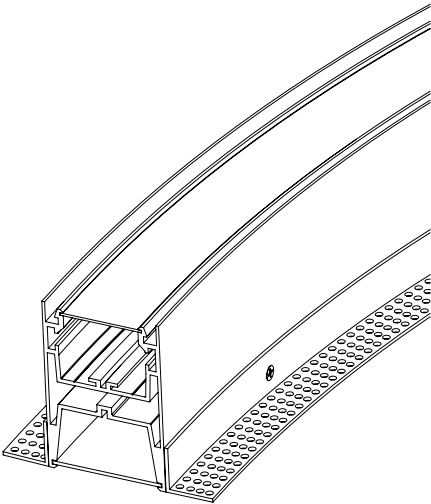
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□ Dimension and Mounting - Direct Distribution (D)



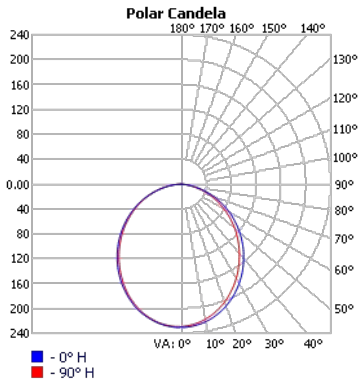
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■ Recessed (mud-in) (D)

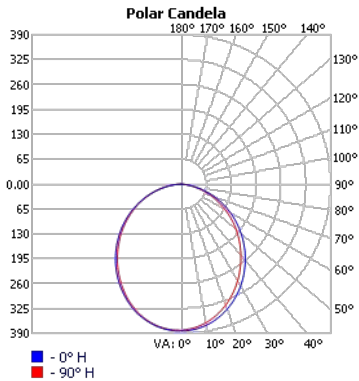


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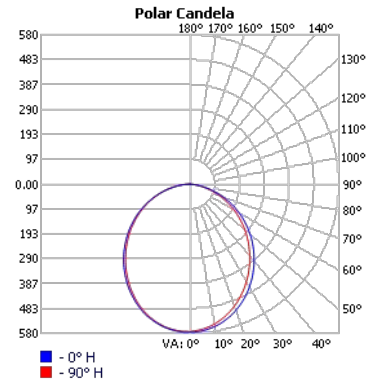
Photometrics



TECHOLED-BX-CURV-R-D-C-LO-30

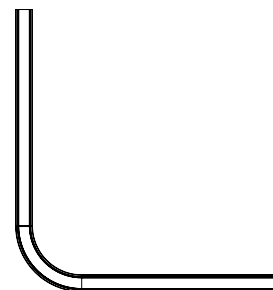
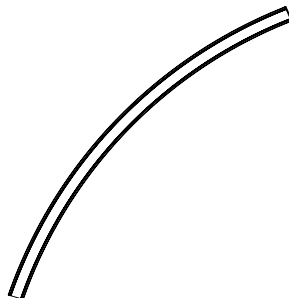
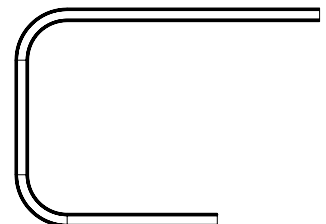
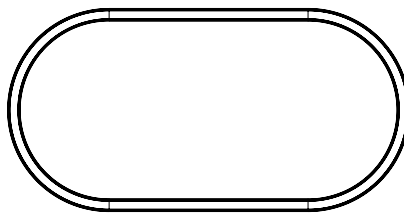
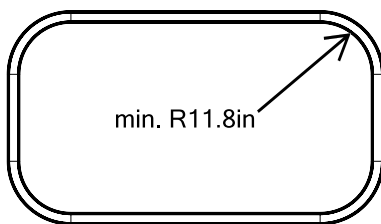


TECHOLED-BX-CURV-R-D-C-ME-30



TECHOLED-BX-CURV-R-D-C-HI-30

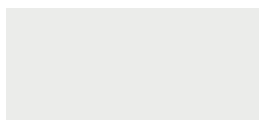
Patterns Option Examples



Project:	Type:
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 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

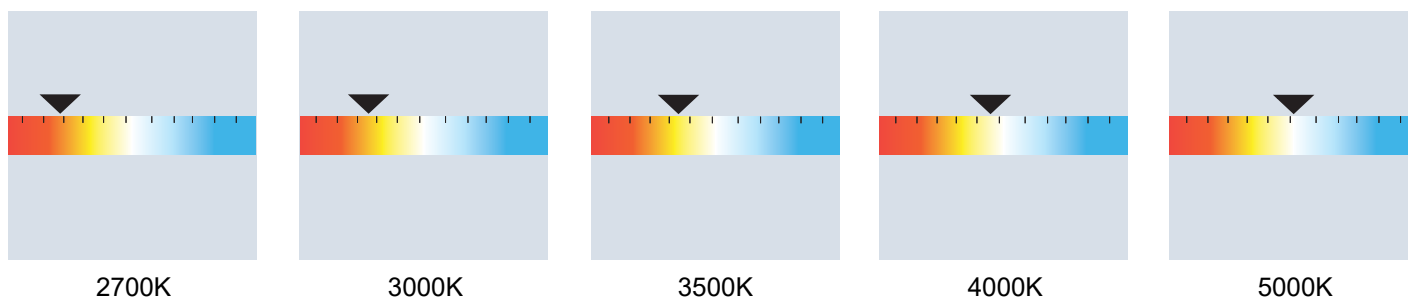


Palisander Santos

Project:	Type:
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 Color Temperature

 Color Temperature



 Tunable White

