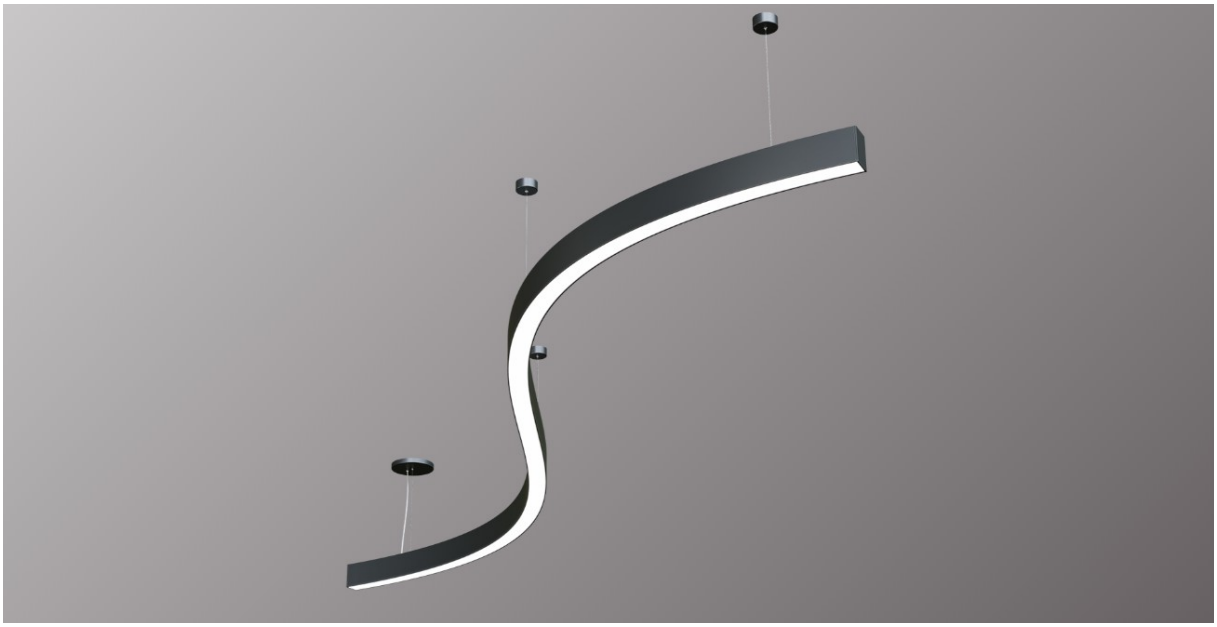
techoLED®
BROOKLYN • NY

BX-CURV SERIES

Rev. Date: 09/07/2026

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.

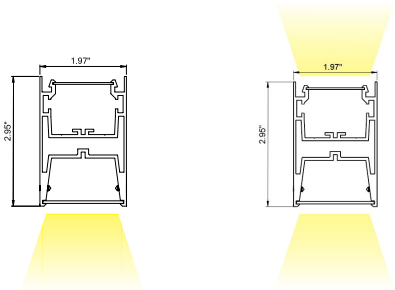
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

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.

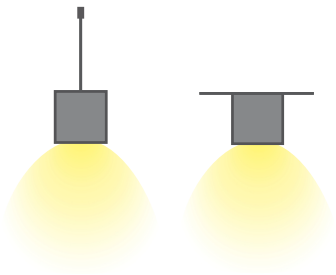
5-year limited warranty

Cross Section



Direct Indirect

Installation



Pendant (P) Surface Mount (SM)

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BX-CURV SERIES

Rev. Date: 09/07/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-CURV-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		D	Direct	C	Custom	LO	Low
		DI	Direct/Indirect			ME	Medium
		DI2	D/I2-circuit			HI	High
5-COLOR TEMP.		**6-VOLTAGE**		**7-FINISH**		**8-MOUNTING**	
27	2700K	U	110-277V	W	White	P	Pendant
30	3000K	HV	347V	S	Silver	SM	Surface Mount
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	AWNR	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

Direct Distribution

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

Direct / Indirect Distribution

Model #	Distribution	Length	Output	Color Temp.	Lumens / W	W / ft	Direct/Indirect Lumens / ft	Indirect Lumens / ft
TECHOLED-BX-CURV-DI-C-LO-30	Direct/Indirect	Custom	Low	3000K	100	9	600	300
TECHOLED-BX-CURV-DI-C-ME-30	Direct/Indirect	Custom	Medium	3000K	100	13	1000	300
TECHOLED-BX-CURV-DI-C-ME-30	Direct/Indirect	Custom	High	3000K	105/100	18	1500	300

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

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

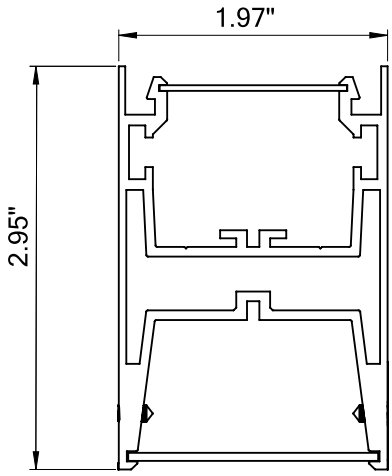
Code	Description
RF-D	**RF Wireless** remote controller for tunable white. **Default for tunable white.**
RF-R	**RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.**
M	**Motion Sensor** - remote, for integral sensor consult factory
BM	**Bluetooth Mesh** Smart Wireless Control by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

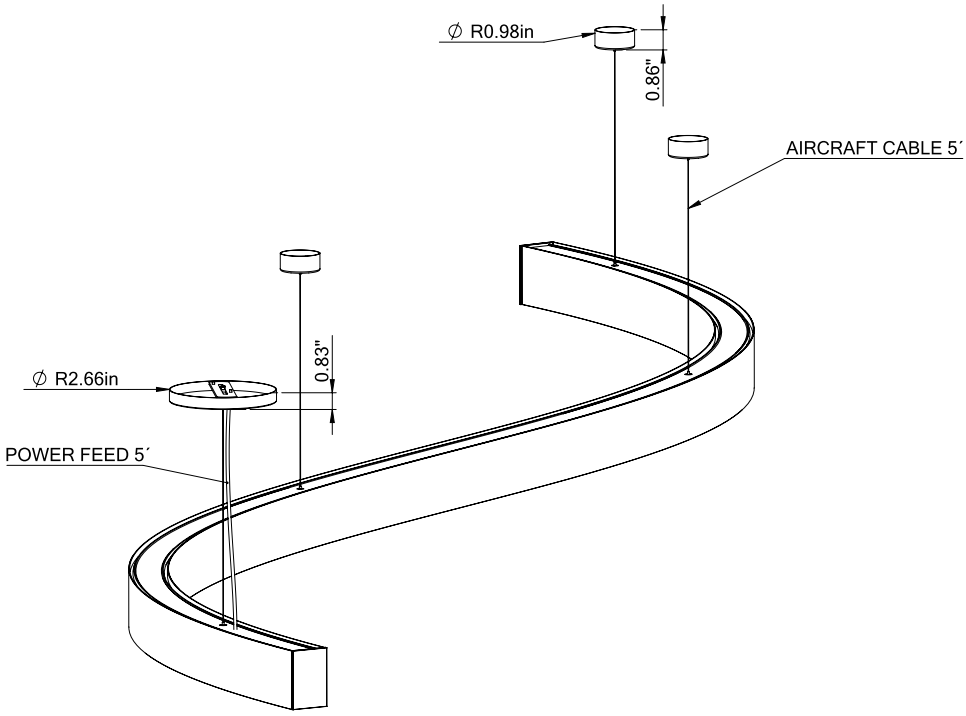
Length Details

Code	Description
C	Custom, Drawing required (consult factory)

Project:	Type:
	Comments:

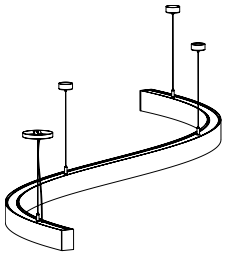
Dimension and Mounting - Direct Distribution (D)





Project:	Type:
	Comments:

Pendant Mounting (D)



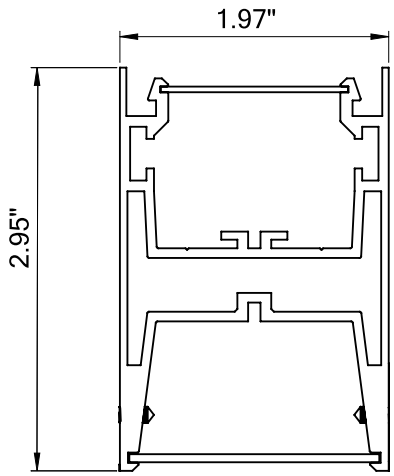


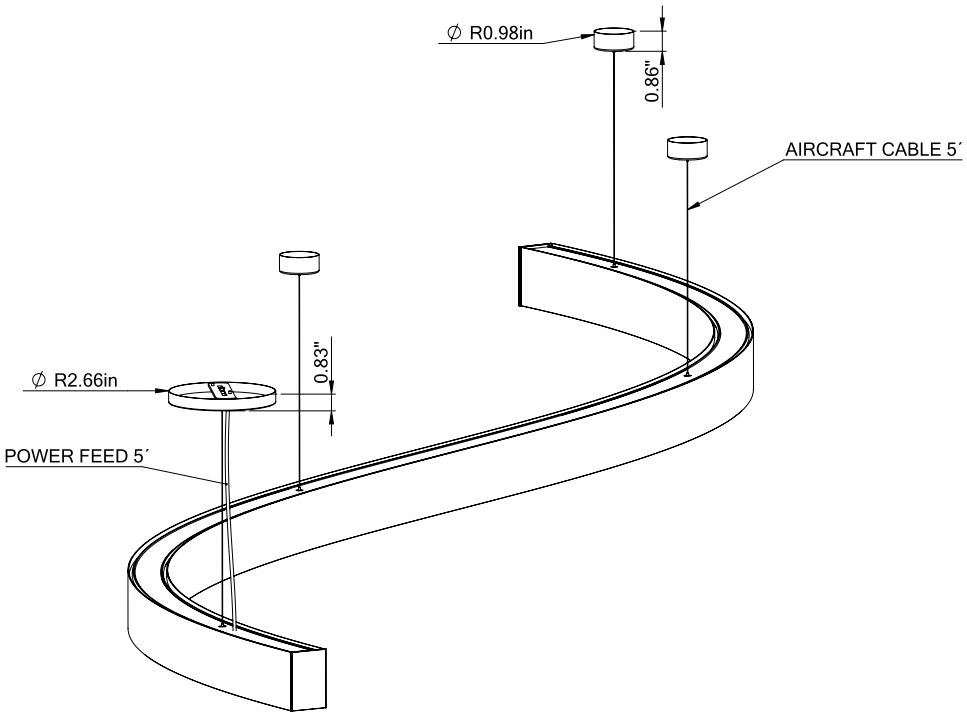
Surface Mounting (D)



Project:	Type:
	Comments:

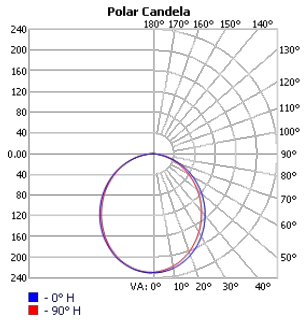
Dimension and Mounting - Direct/Indirect Distribution (DI)



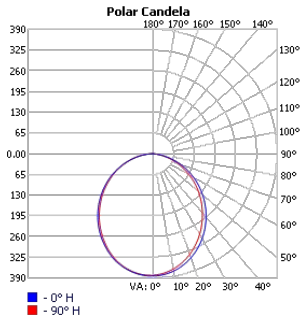


Project:	Type:
	Comments:

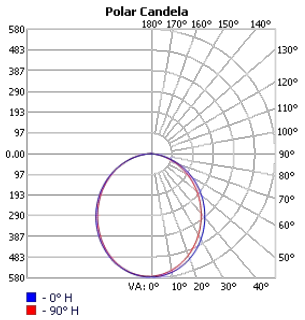
Photometrics



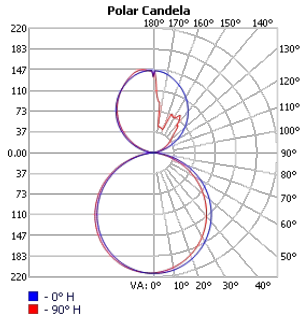
TECHOLED-BX-CURV-D-C-LO-30



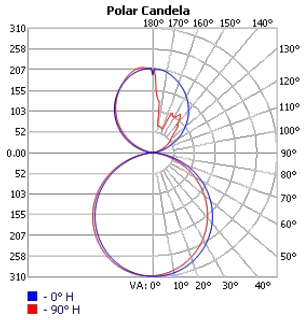
TECHOLED-BX-CURV-D-C-ME-30



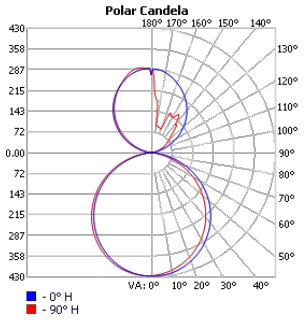
TECHOLED-BX-CURV-D-C-HI-30



TECHOLED-BX-CURV-DI-C-LO-30



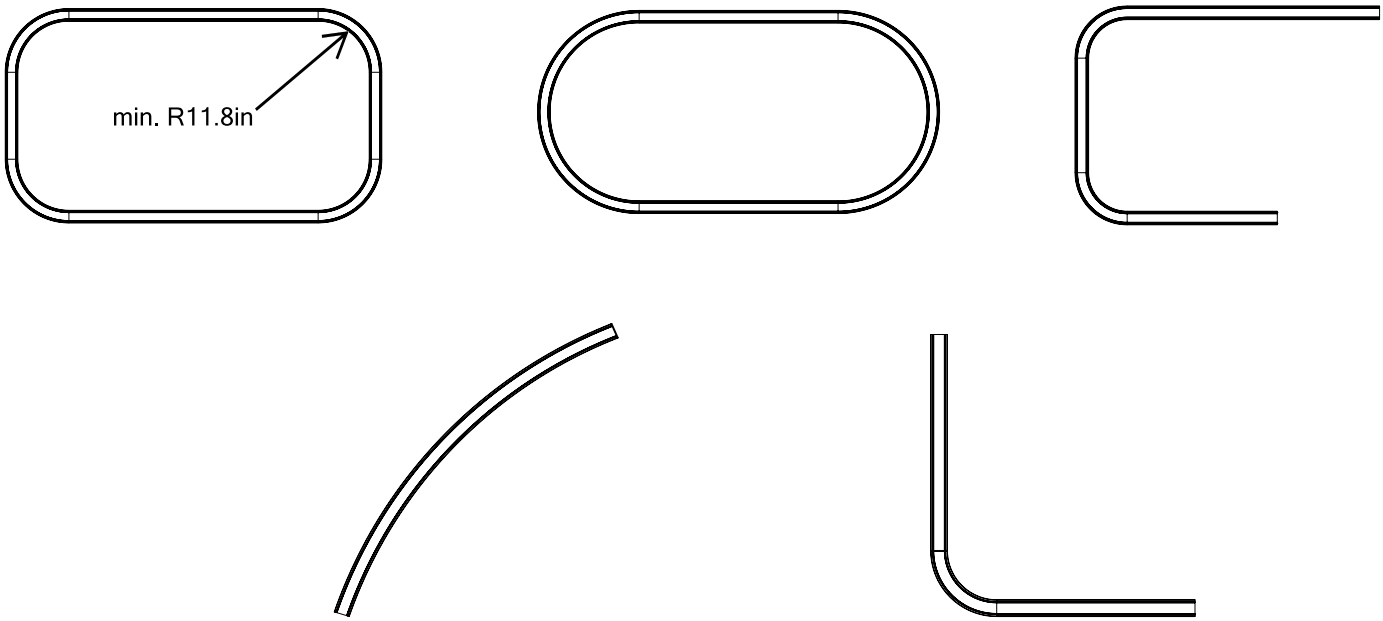
TECHOLED-BX-CURV-DI-C-ME-30



TECHOLED-BX-CURV-DI-C-HI-30

Project:	Type:
	Comments:

Patterns Option Examples



Project:	Type:
	Comments:

Applications



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BX-CURV SERIES

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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

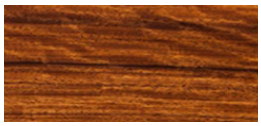
Custom Wooden Colors


American Walnut


Cherry


Maple

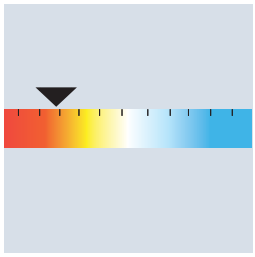

Light Oak


Palisander Santos

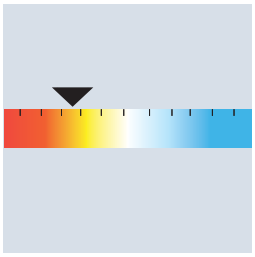
Project:	Type:
	Comments:

Color Temperature

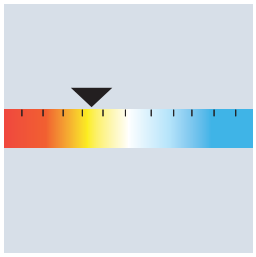
Color Temperature



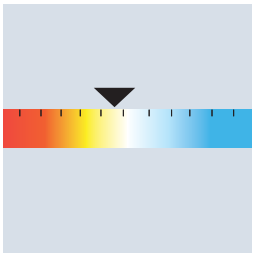
2700K



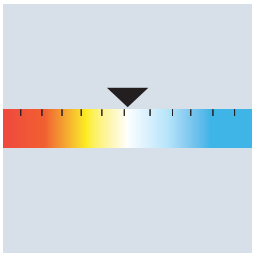
3000K



3500K

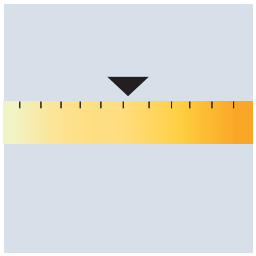


4000K

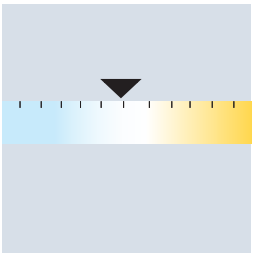


5000K

Tunable White



Dim To Warm



Tunable White