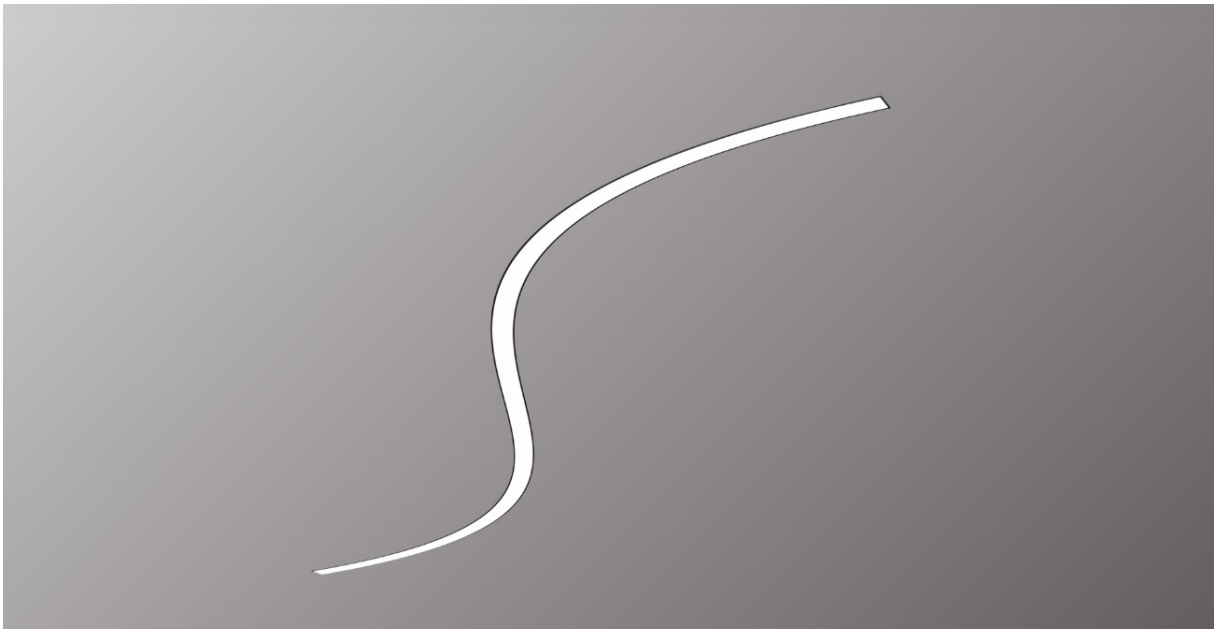
techoLED®
BROOKLYN • NY

BX-CURV-R SERIES

Rev. Date: 09/08/2026

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, 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.

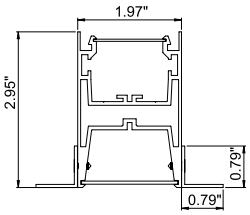
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

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.

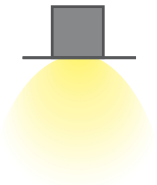
5-year limited warranty

Cross Section



Direct

Installation



Reccessed
(R)

techoLED®
BROOKLYN • NY

BX-CURV-R SERIES

Rev. Date: 09/08/2026

Project:	Type:
	Comments:

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 **30** 3000K **35** 3500K **40** 4000K **50** 5000K **DT** Lutron T-series **RGB** RGB **RGBW** RGBW **D** Tunable White	**U** 110-277V **HV** 347V	**S** Silver **W** White **B** Black **C** Custom (RAL#)	**RP** Recessed (mud-in)

9-DRIVER OPTIONS	10-OPTIONS	11-OPTIONS (CONT.)
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 **AWNR** Lutron Athena Node **AWNS** Lutron Athena Node sensor **NL-ES7** nLight - Wired **NL-AIR** nLight - AIR **NL-M** nLight - Module only **X** None	**EM** EM Battery (remote) **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-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:
	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

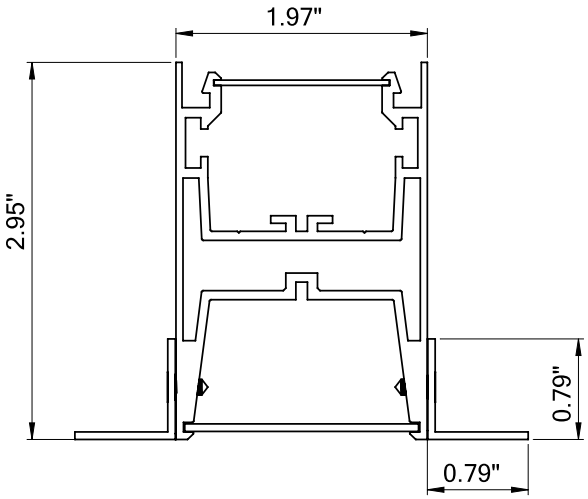
Code	Description
RF-D	**RF Wireless** remote controller for tunable white. **Default for tunable white.**
RF-R	**RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.**
M	**Motion Sensor** - remote, for integral sensor consult factory
BM	**Bluetooth Mesh** Smart Wireless Control by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

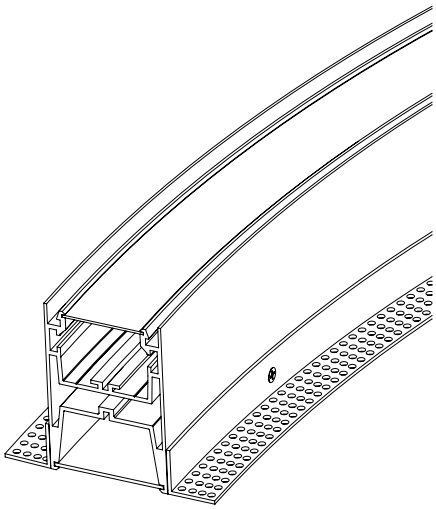
Project:	Type:
	Comments:

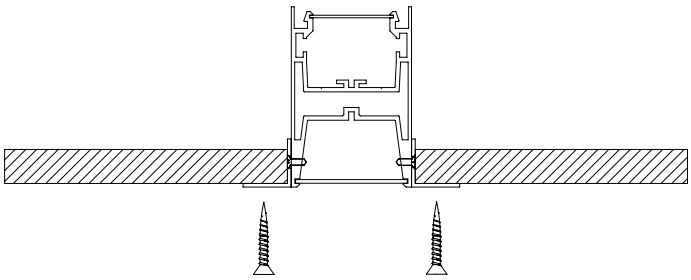
Dimension and Mounting - Direct Distribution (D)

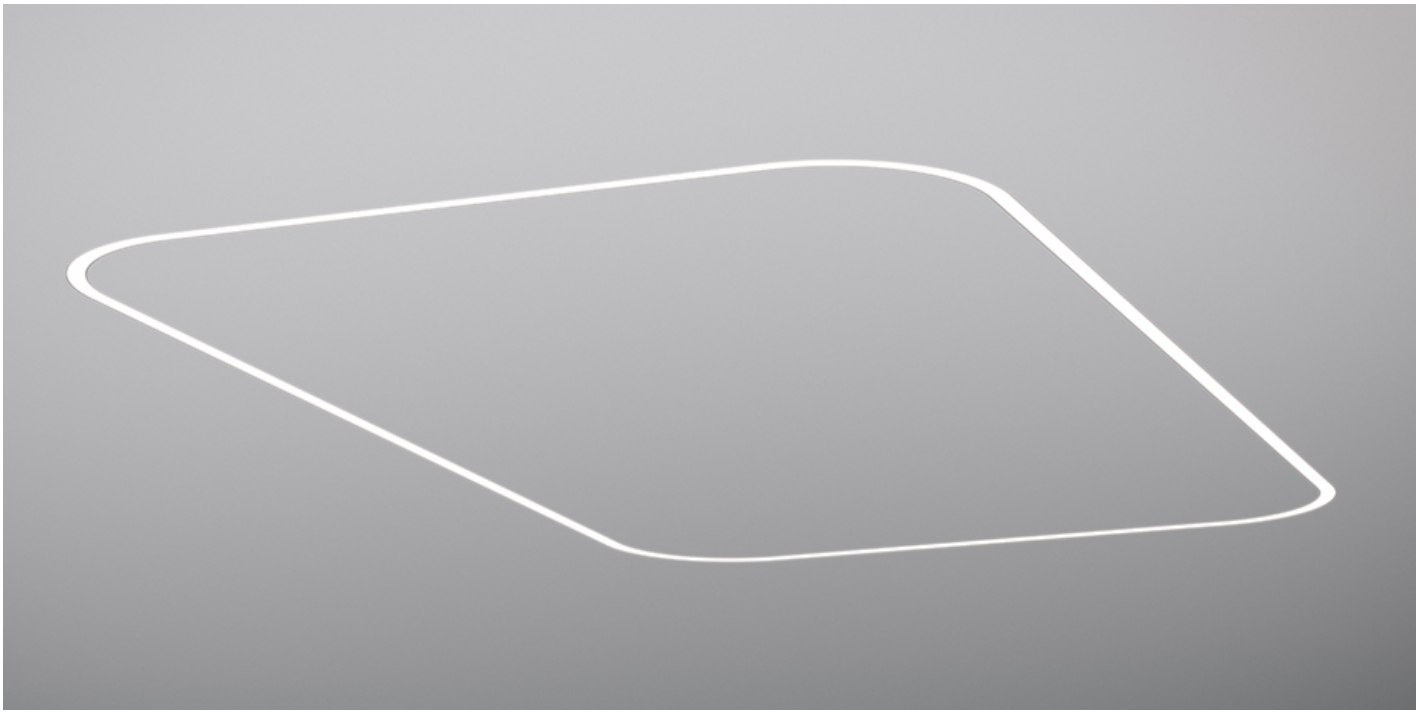


Project:	Type:
	Comments:

Recessed (mud-in) (D)

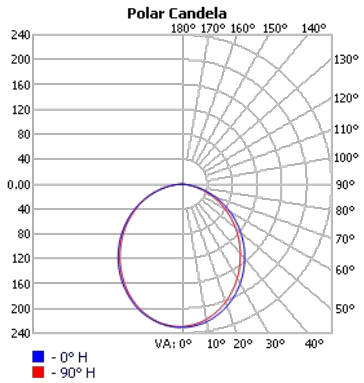




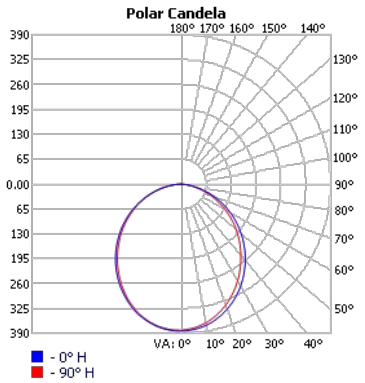


Project:	Type:
	Comments:

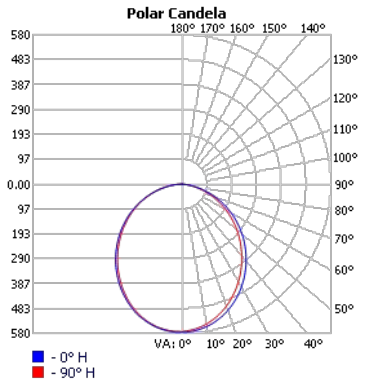
Photometrics



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

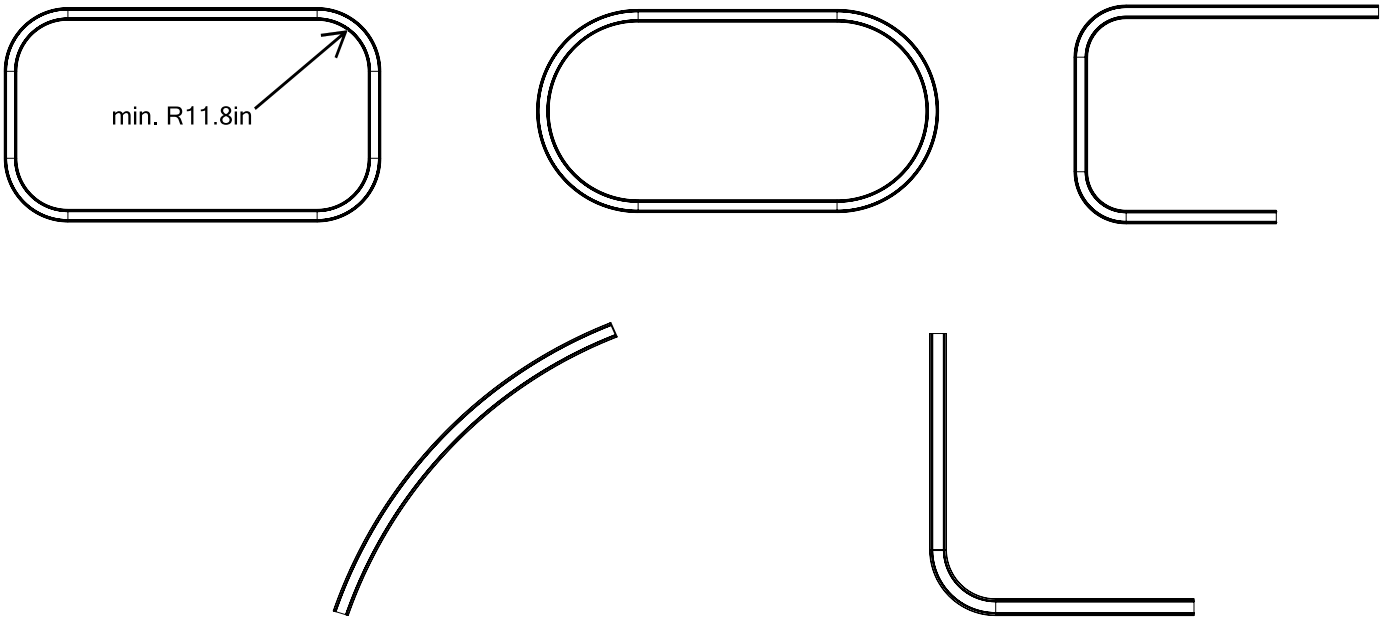


TECHOLED-BX-CURV-R-D-C-ME-30



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

Patterns Option Examples



Project:	Type:
	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

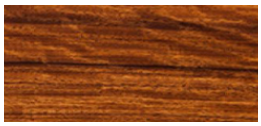
Custom Wooden Colors


American Walnut


Cherry


Maple

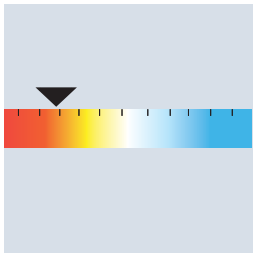

Light Oak


Palisander Santos

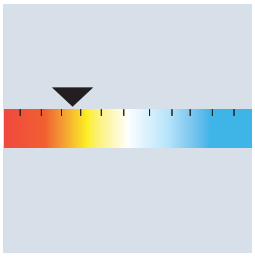
Project:	Type:
	Comments:

Color Temperature

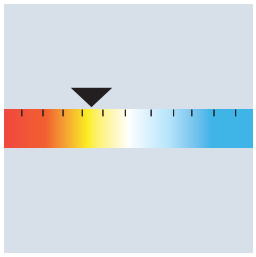
Color Temperature



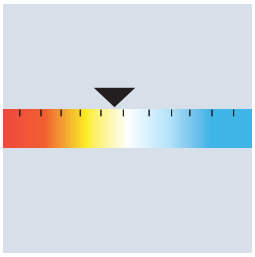
2700K



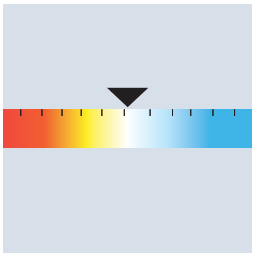
3000K



3500K

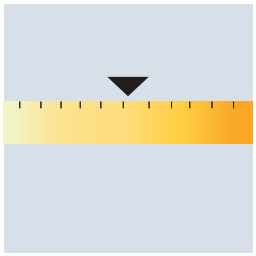


4000K

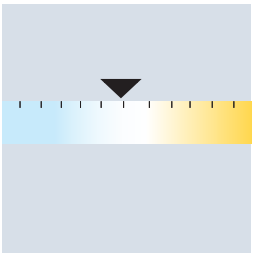


5000K

Tunable White



Dim To Warm



Tunable White