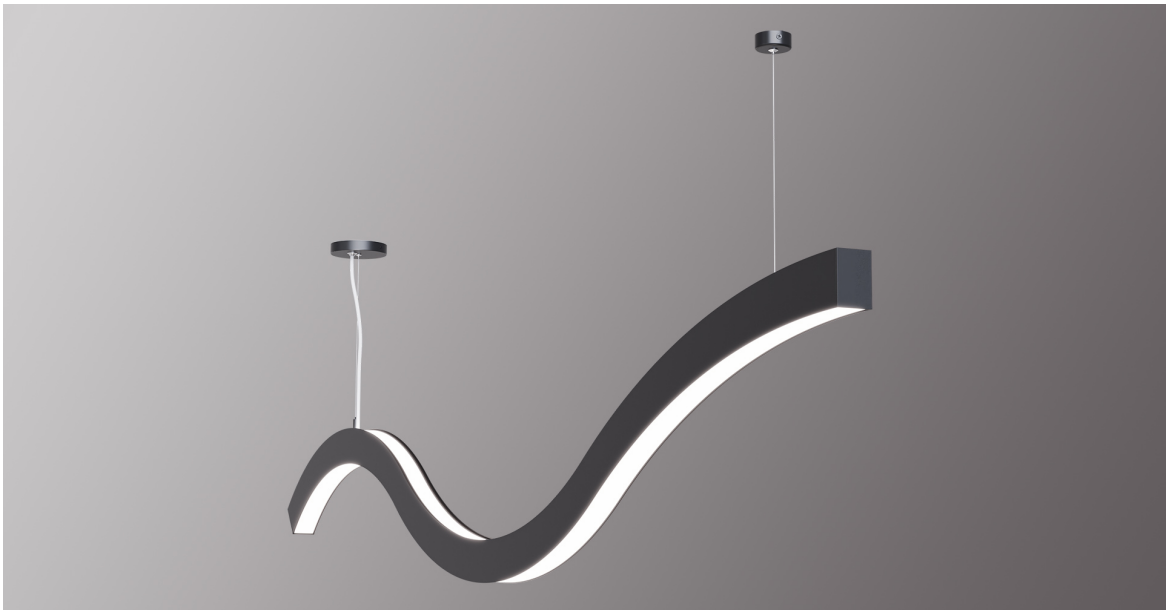
techoLED®
BROOKLYN • NY

BX-WAVE SERIES

Rev. Date: 09/06/2026

Project:	Type:
	Comments:



Highlights

The TechoLED BX-WAVE series features specification-grade linear LED fixtures designed to create smooth vertical curves and flowing three-dimensional forms. Constructed from high-grade aluminum extrusions and available exclusively as a pendant-mounted system, BX-WAVE can be configured in a wide range of custom lengths, curves, patterns, and continuous arrangements. With virtually limitless possibilities, the BX-WAVE series provides a distinctive and modern lighting solution.

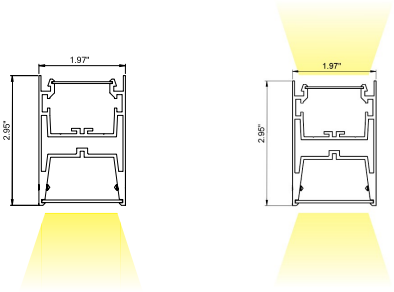
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

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

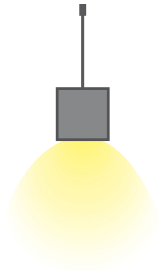
5-year limited warranty

Cross Section



Direct Indirect

Installation



Pendant
(P)

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BX-WAVE SERIES

Rev. Date: 09/06/2026

Project:	Type:
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Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-WAVE-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-WAVE	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	
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-WAVE-D-C-LO-30	Direct	Custom	Low	3000K	100	6	600
TECHOLED-BX-WAVE-D-C-ME-30	Direct	Custom	Medium	3000K	100	10	1000
TECHOLED-BX-WAVE-D-C-HI-30	Direct	Custom	High	3000K	100	15	1500

Direct / Indirect Distribution

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

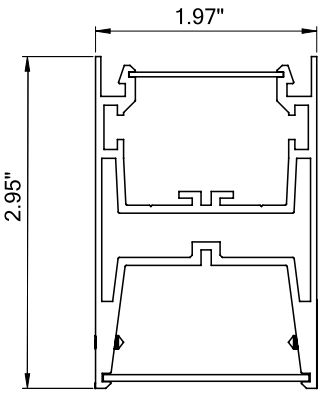
Code	Description
RF-D	**RF Wireless** remote controller for tunable white. **Default for tunable white.**
RF-R	**RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.**
M	**Motion Sensor** - remote, for integral sensor consult factory
BM	**Bluetooth Mesh** Smart Wireless Control by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

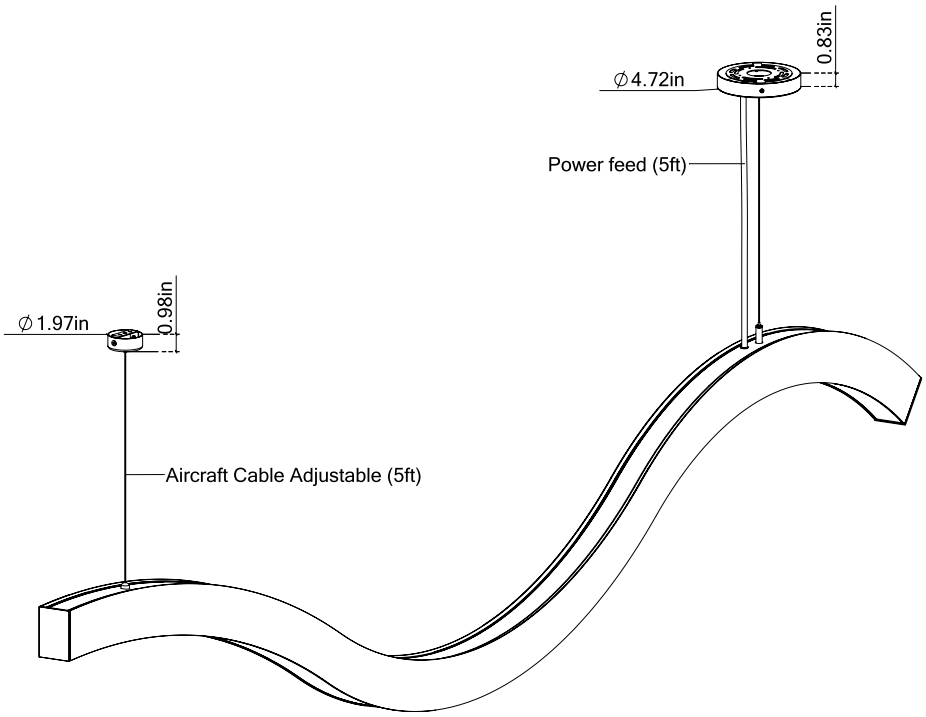
Length Details

Code	Description
C	Custom, Drawing required (consult factory)

Project:	Type:
	Comments:

Dimension and Mounting - Direct Distribution (D)





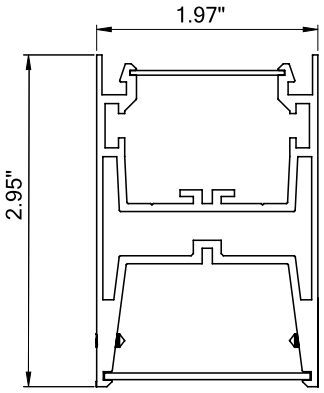
Project:	Type:
	Comments:

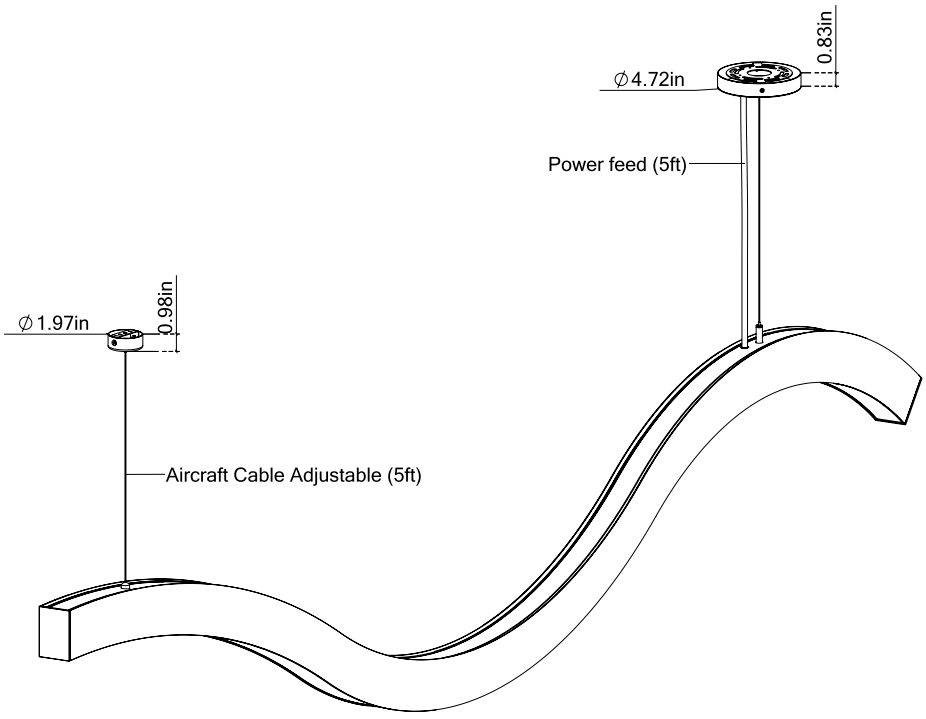
Pendant Mounting (DI)



Project:	Type:
	Comments:

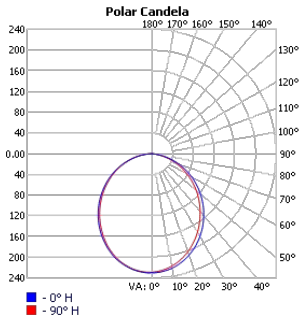
Dimension and Mounting - Direct/Indirect Distribution (DI)



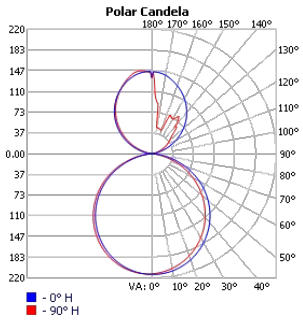


Project:	Type:
	Comments:

Photometrics

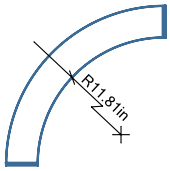


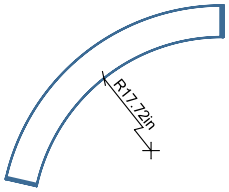
TECHOLED-BX-WAVE-D-C-LO-30

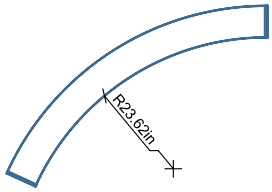


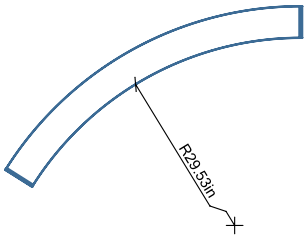
TECHOLED-BX-WAVE-DI-C-LO-30

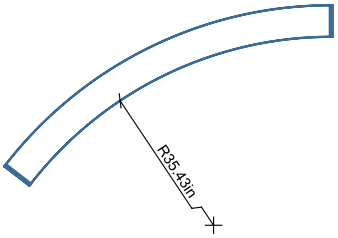
Standard Radius

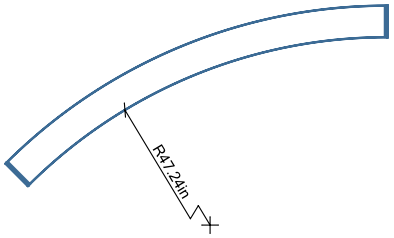


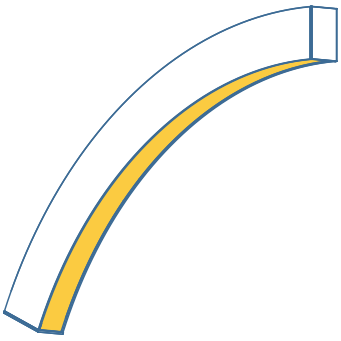












Project:	Type:
	Comments:

Applications



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BX-WAVE 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

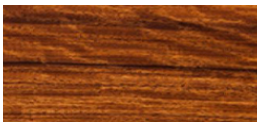
Custom Wooden Colors


American Walnut


Cherry


Maple

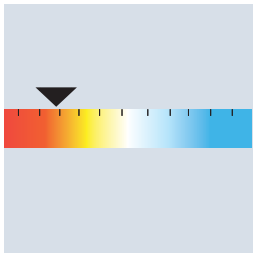

Light Oak


Palisander Santos

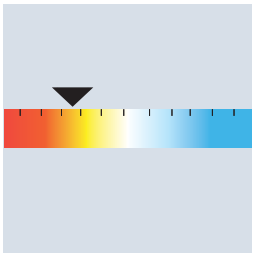
Project:	Type:
	Comments:

Color Temperature

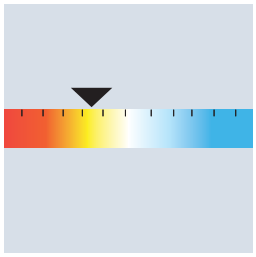
Color Temperature



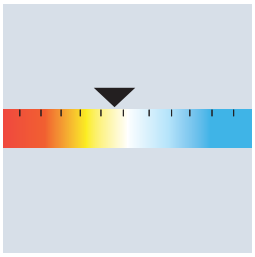
2700K



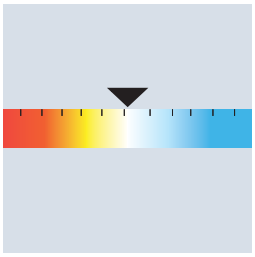
3000K



3500K

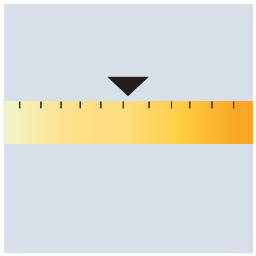


4000K

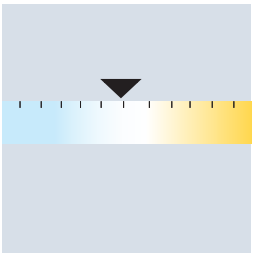


5000K

Tunable White



Dim To Warm



Tunable White