techoLED®
BROOKLYN • NY

CURV-FLOW

Rev. Date: 09/21/2026

Project:	Type:
	Comments:



Highlights

CURV-FLOW is a specification-grade architectural LED luminaire designed for smooth, flowing forms and continuous illuminated curves. Featuring a refined profile with a lens that wraps around the housing, CURV-FLOW delivers broad 255° illumination for a soft, visually striking effect from multiple viewing angles. Ideal for open ceilings, atriums, lobbies, hospitality spaces, and modern commercial interiors, the series offers a highly customizable solution for creating elegant curves, organic shapes, and dynamic suspended compositions.

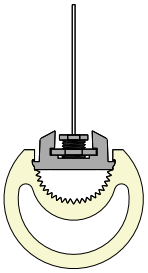
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90+CRI, 50,000 hour rated lifespan. Custom lumen packages available.

Optical: 255° beam angle

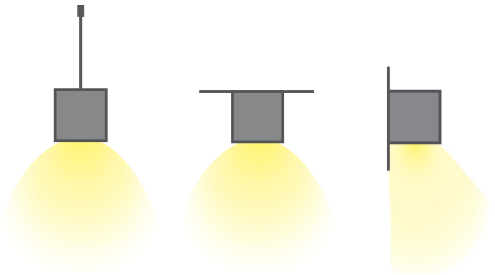
Construction: High grade aluminum extrusion, silicone lens, continuous runs and custom curves, IP20/indoor location, 24V remote driver

5-year limited warranty

Cross Section



Installation



Pendant (P) | Surface Mount (SM) | Wall Mount (WM)

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Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage
TECHOLED-CURV-FLOW-D-C-ME-30-U	Direct (255°)	Custom	Medium	3000K	110-277V

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	
CURV-FLOW		D	Direct (255°)	C	Custom	ME	Medium
						C	Custom
5-COLOR TEMP.		**6-VOLTAGE**		**7-FINISH (END CAP)**		**8-MOUNTING**	
27	2700K	U	110-277V	W	White	P	Pendant
30	3000K	HV	347V	C	Custom	SM	Surface Mount
35	3500K					W	Wall Mount
40	4000K						
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

Model #	Distribution	Length	Output	Color Temp.	Lumens / W	W / Ft	Lumens / Ft
TECHOLED-CURV-FLOW-D-C-ME	Direct (255°)	Custom	Medium	3000K	100	6.25	625

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

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

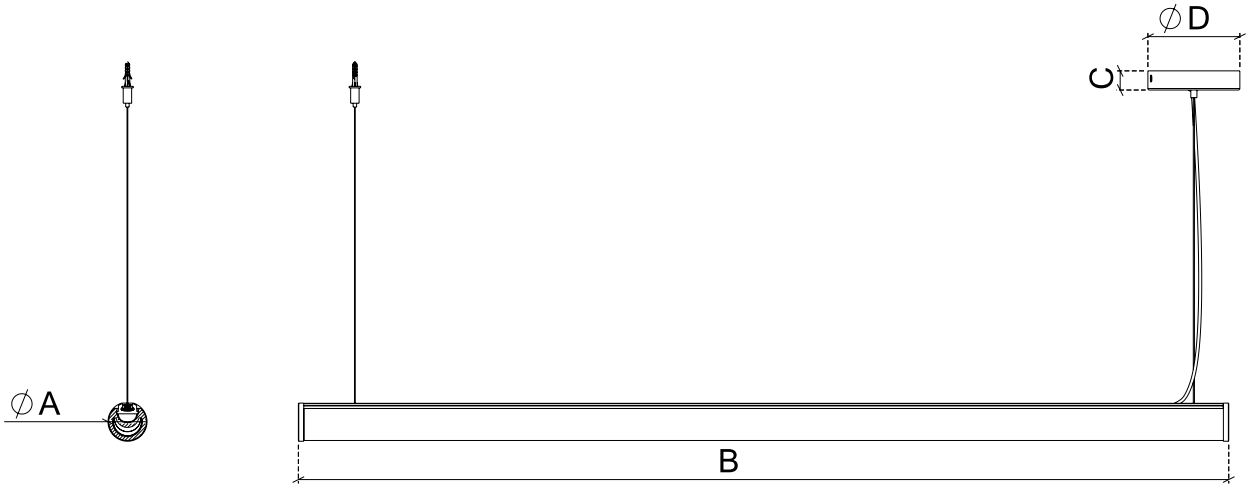
Code	Description
C	Custom, Drawing required (consult factory)

Project:	Type:
	Comments:

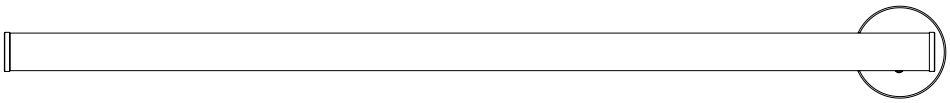
Dimensions and Mounting



TOP VIEW



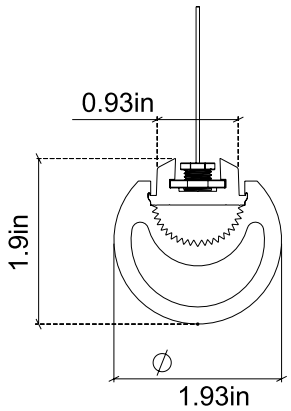
SIDE VIEW



BOTTOM VIEW

D= 4.72in
C= 0.98in

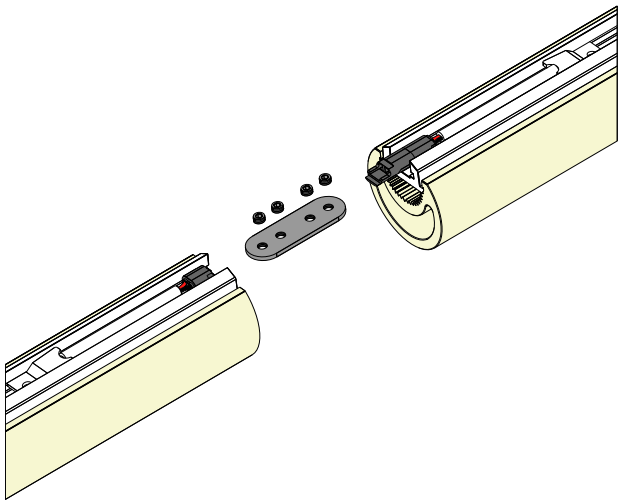
DETAIL A



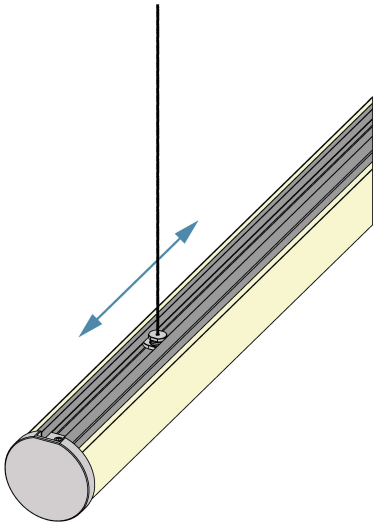
Project:	Type:
	Comments:

Dimension and Mounting (continued)

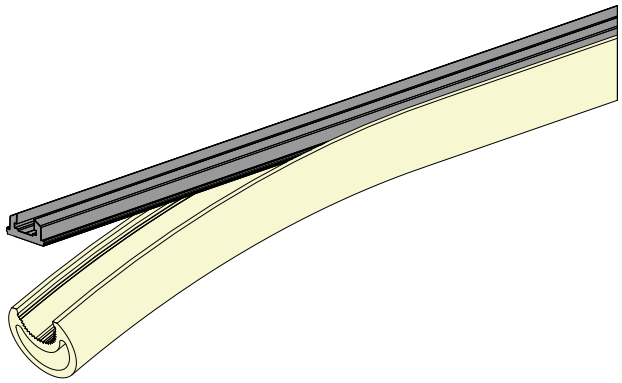
Continuous run connection



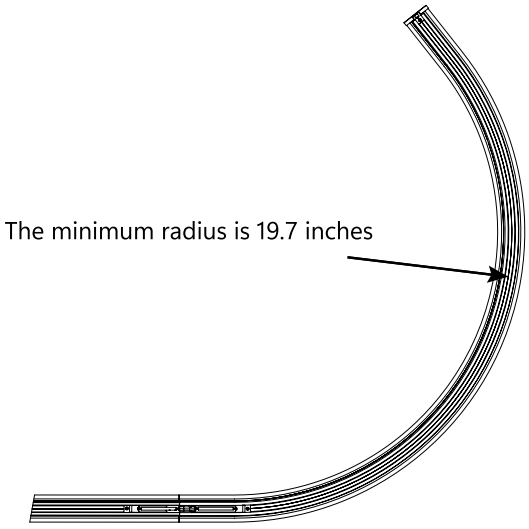
Adjustable mounting points



Roll single piece diffuser - up to 64'

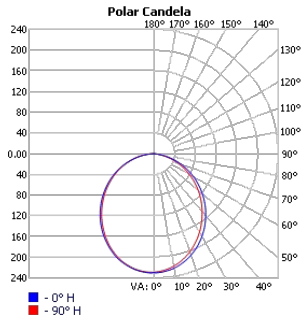


Minimum radius



Project:	Type:
	Comments:

Photometrics



TECHOLED-CURV-FLOW-D-C-ME

Project:	Type:
	Comments:

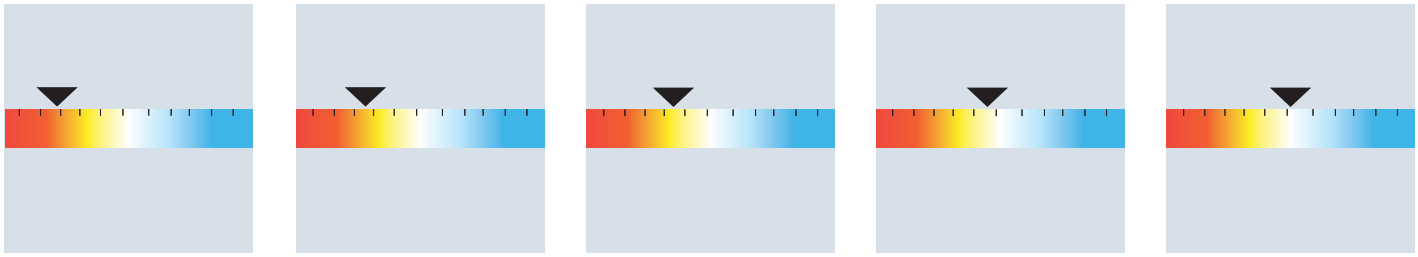
Applications



Project:	Type:
	Comments:

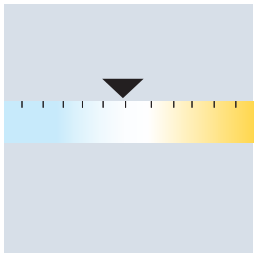
Color Temperature

Color Temperature



2700K | 3000K | 3500K | 4000K | 5000K

Tunable White



Tunable White