techoLED®
BROOKLYN • NY

IP-R SERIES

Rev. Date: 10/20/2026

Project:	Type:
	Comments:



Highlights

IP Series is specification grade, outdoor architectural linear fixture, with IP66 – fully exposed to elements – rating, ability to do continuous linear runs. Offered in recessed application in wide variety of materials, canopies, soffits, ACM panels and more. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great and simple lighting solution for all modern interiors.

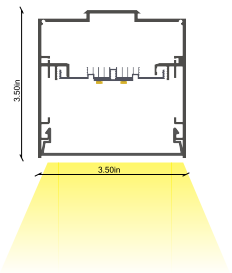
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/W available, 90CRI

Optical: Direct illumination, 106° beam angle

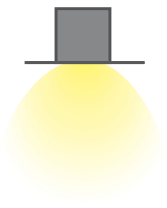
Construction: High grade aluminum extrusion, die cast end caps, PC diffuser, integral driver, powder coat finish, waterproof IP66, IK 10 impact rating, natatorium rating optional.

5-year limited warranty

Cross Section



Installation



Reccessed
(R)

techoLED®
BROOKLYN • NY

IP-R SERIES

Rev. Date: 10/20/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-IP-R-D-4-LO-27-U-W	Direct	4'	Low	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	
IP-R	IP-R	D	Direct	4	4´	LO	Low
		DWW	Direct - Wall Wash	6	6´	ME	Medium
				8	8´	HI	High
				C	Custom		

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
27	2700K	U	110-277V	W	White	R	Recessed
30	3000K	HV	347V	S	Silver		
35	3500K			B	Black		
40	4000K			C	Custom (RAL#)		
50	5000K						
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		
		NT	Natatorium Rating		
		X	None		

Project:	Type:
	Comments:

Lumen Output Details

Model #	Length	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-IP-R-D-4-LO-30	4'	Low	3000K	23W	2599Lm
TECHOLED-IP-R-D-4-ME-30	4'	Medium	3000K	34W	3842Lm
TECHOLED-IP-R-D-4-HI-30	4'	High	3000K	45W	5085Lm
TECHOLED-IP-R-D-6-LO-30	6'	Low	3000K	34W	3842Lm
TECHOLED-IP-R-D-6-ME-30	6'	Medium	3000K	51W	5763Lm
TECHOLED-IP-R-D-6-HI-30	6'	High	3000K	68W	7684Lm
TECHOLED-IP-R-D-8-LO-30	8'	Low	3000K	46W	5198Lm
TECHOLED-IP-R-D-8-ME-30	8'	Medium	3000K	68W	7684Lm
TECHOLED-IP-R-D-8-HI-30	8'	High	3000K	90W	10170Lm

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

Performance

Output	Lumens / W	Direct W / Ft	Lumens / ft
Low	113	5.8	655
Medium	113	8.5	960
High	113	11.3	1277

Project:	Type:
	Comments:

Driver Option Details

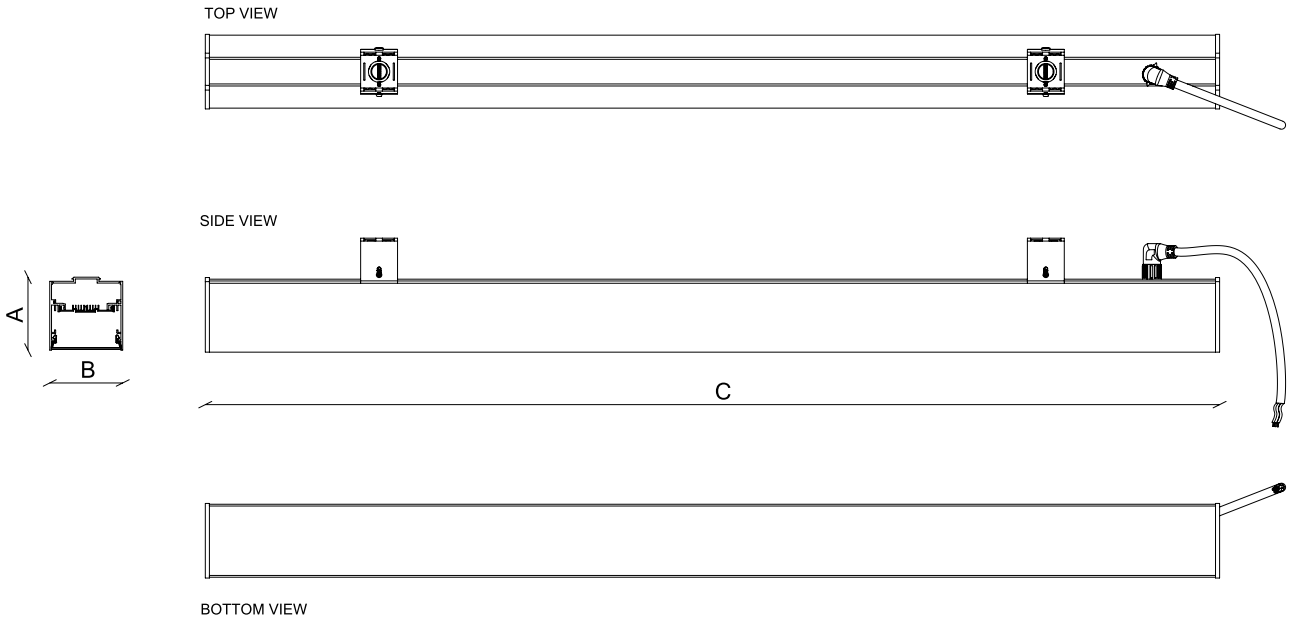
Code	Description
LT1	**LDE1** - Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	**DALI**
DMX	**DMX** - Decoder provided by TechoLED, controller by others

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

Project:	Type:
	Comments:

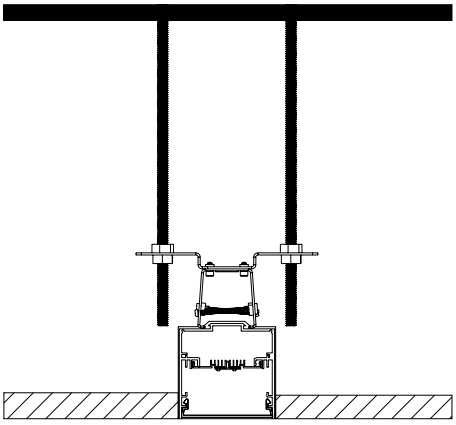
Dimension and Mounting - Direct Distribution (D)

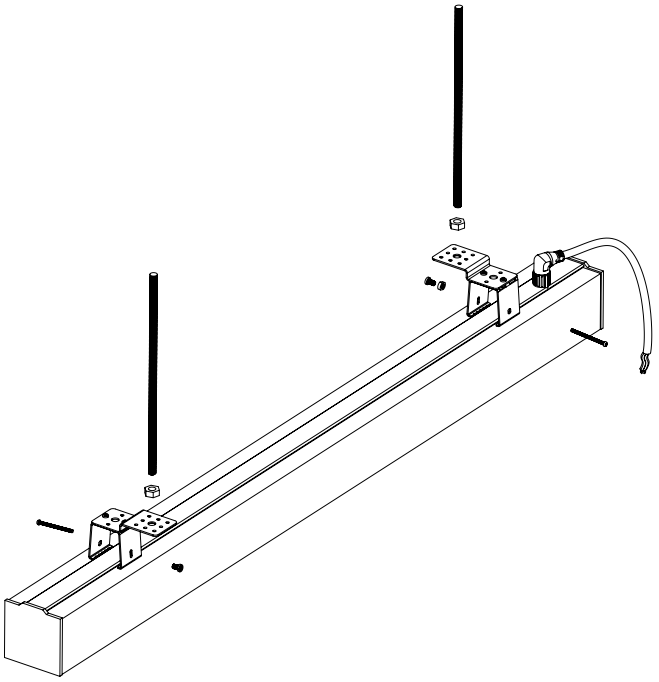


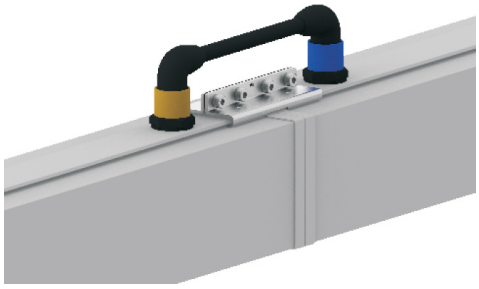
FIXTURE ID	A	B	C
IP-R-D-4	3.58"	3.58"	48.70"
IP-R-D-6	3.58"	3.58"	72.68"
IP-R-D-8	3.58"	3.58"	96.69"

Project:	Type:
	Comments:

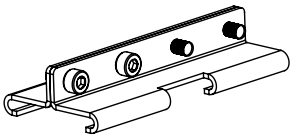
Recessed Mount (threaded rod by others)



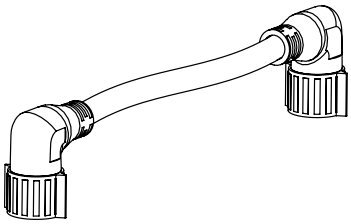




Continuous run

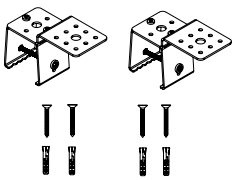


IP66-180

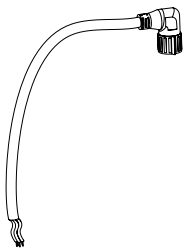


IP66-CH

Recessed Kit



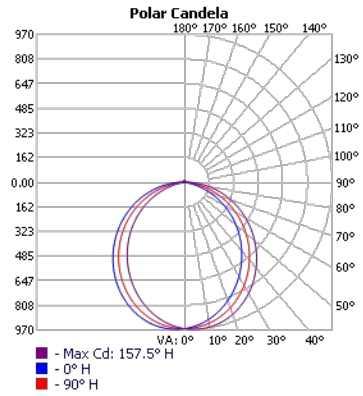
IP66-BI



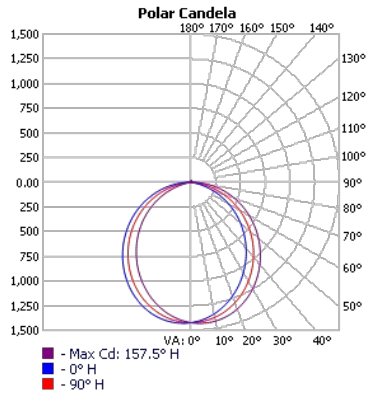
P-M19-5-6FT

Project:	Type:
	Comments:

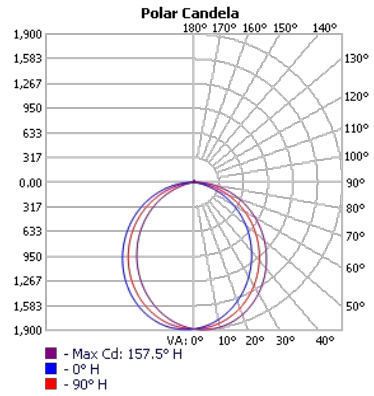
Photometrics



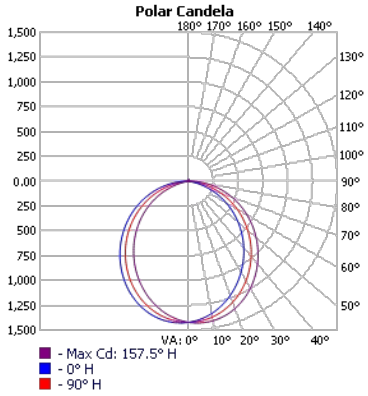
TECHOLED-IP-R-D-4-LO-30



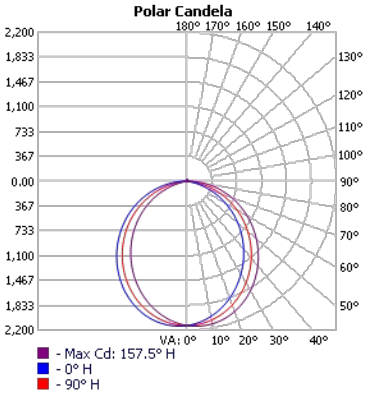
TECHOLED-IP-R-D-4-ME-30



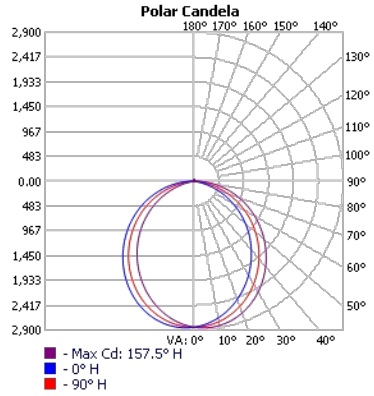
TECHOLED-IP-R-D-4-HI-30



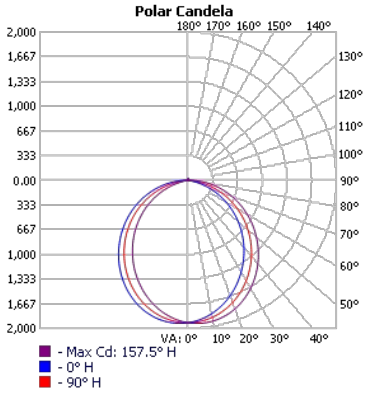
TECHOLED-IP-R-D-6-LO-30



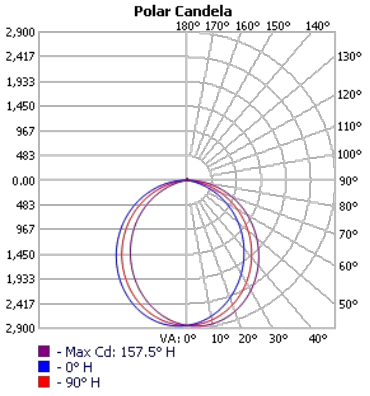
TECHOLED-IP-R-D-6-ME-30



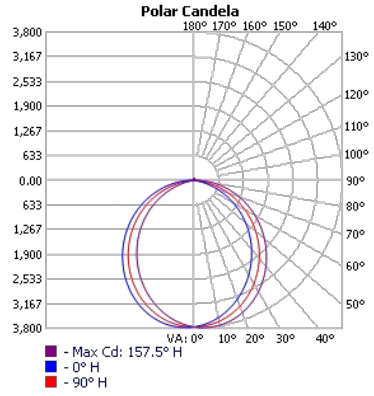
TECHOLED-IP-R-D-6-HI-30



TECHOLED-IP-R-D-8-LO-30



TECHOLED-IP-R-D-8-ME-30



TECHOLED-IP-R-D-8-HI-30

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

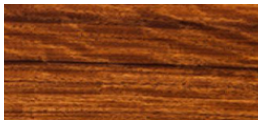
Custom Wooden Colors


American Walnut


Cherry


Maple


Light Oak


Palisander Santos