techoLED®
BROOKLYN • NY

IP-2-R SERIES

Rev. Date: 11/02/2026

Project:	Type:
	Comments:



Highlights

IP-2-R Series is specification grade, slim 2” outdoor architectural linear fixture, with IP66 - fully exposed to elements - rating, ability to do continuous linear runs. Recessed installation. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great lighting solution for all modern exteriors.

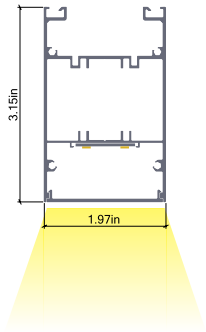
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/W available, 90CRI

Optical: Direct illumination, 106° beam angle

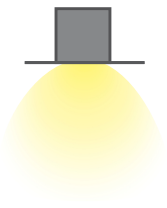
Construction: High grade aluminum extrusion, die cast end caps, PC diffuser, integral driver, powder coat finish, waterproof IP66, IK-10 impact rating, natatorium rating optional.

5-year limited warranty

Cross Section



Installation



Reccessed
(R)

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Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-IP-2-R-D-4-LO-27-U-W	Direct	4'	Low	2700K	100-277V	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-2-R	IP-2-R	D	Direct	4	4´	LO	Low
		DWW	Direct - Wall Wash	6	6´	ME	Medium
				8	8´	HI	High

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
30	3000K	U	110-277V	S	Silver	R	Recessed
35	3500K	HV	347V	W	White		
40	4000K			B	Black		
50	5000K			C	Custom (RAL#)		

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		

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Lumen Output Details

Model #	Length	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-IP-2-R-D-4-LO-30	4'	Low	3000K	15W	1440Lm
TECHOLED-IP-2-R-D-4-ME-30	4'	Medium	3000K	23W	2208Lm
TECHOLED-IP-2-R-D-4-HI-30	4'	High	3000K	31W	2976Lm
TECHOLED-IP-2-R-D-6-LO-30	6'	Low	3000K	23W	2208Lm
TECHOLED-IP-2-R-D-6-ME-30	6'	Medium	3000K	34W	3264Lm
TECHOLED-IP-2-R-D-6-HI-30	6'	High	3000K	45W	4320Lm
TECHOLED-IP-2-R-D-8-LO-30	8'	Low	3000K	31W	2976Lm
TECHOLED-IP-2-R-D-8-ME-30	8'	Medium	3000K	46W	4416Lm
TECHOLED-IP-2-R-D-8-HI-30	8'	High	3000K	61W	5856Lm

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	96	3.75	360
Medium	96	5.75	552
High	96	7.6	730

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

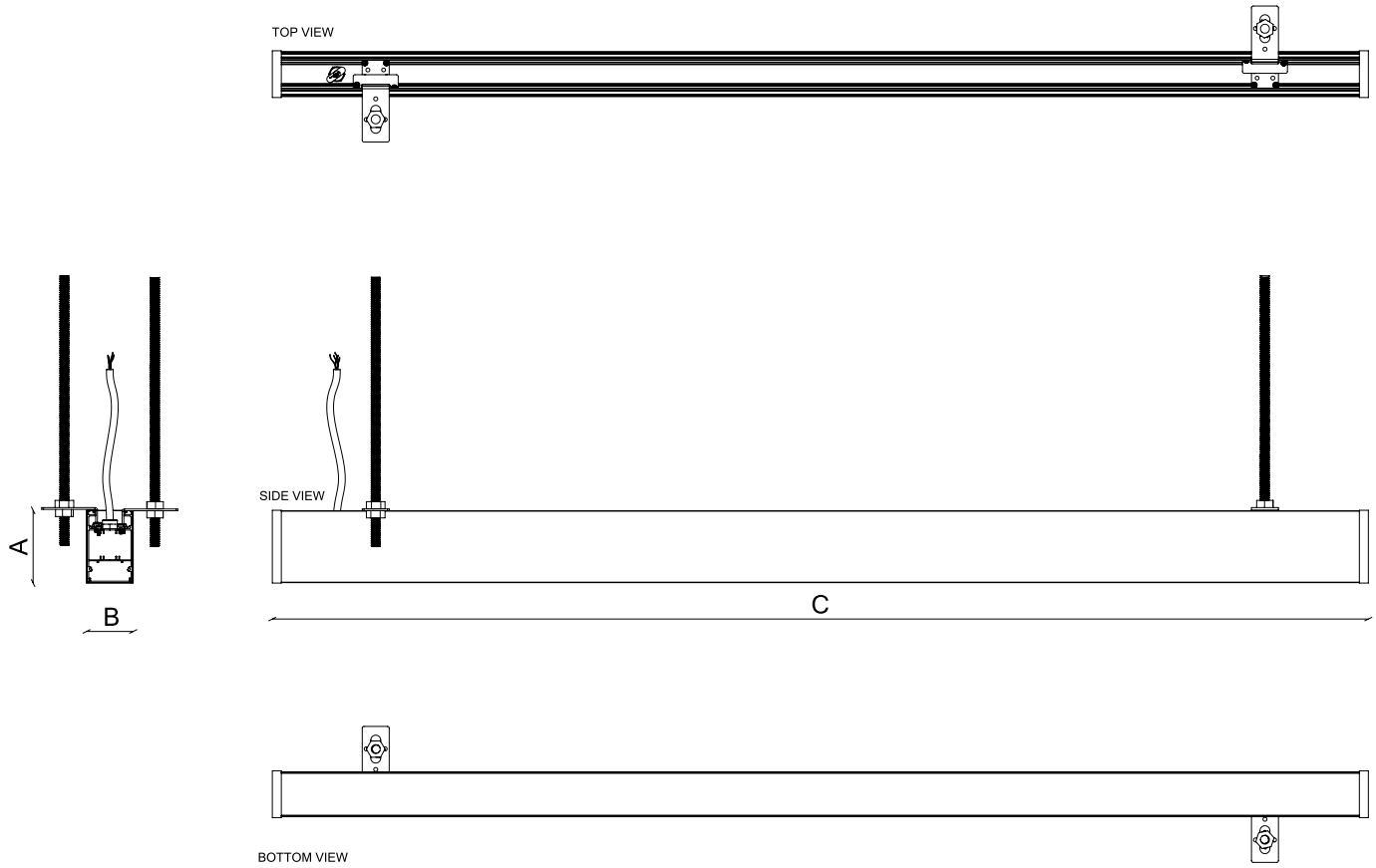
Code	Description
RF-D	**RF Wireless** remote controller for tunable white. **Default for tunable white.**
RF-R	**RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.**
M	**Motion Sensor** - remote, for integral sensor consult factory
BM	**Bluetooth Mesh** Smart Wireless Control by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

Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

Project:	Type:
	Comments:

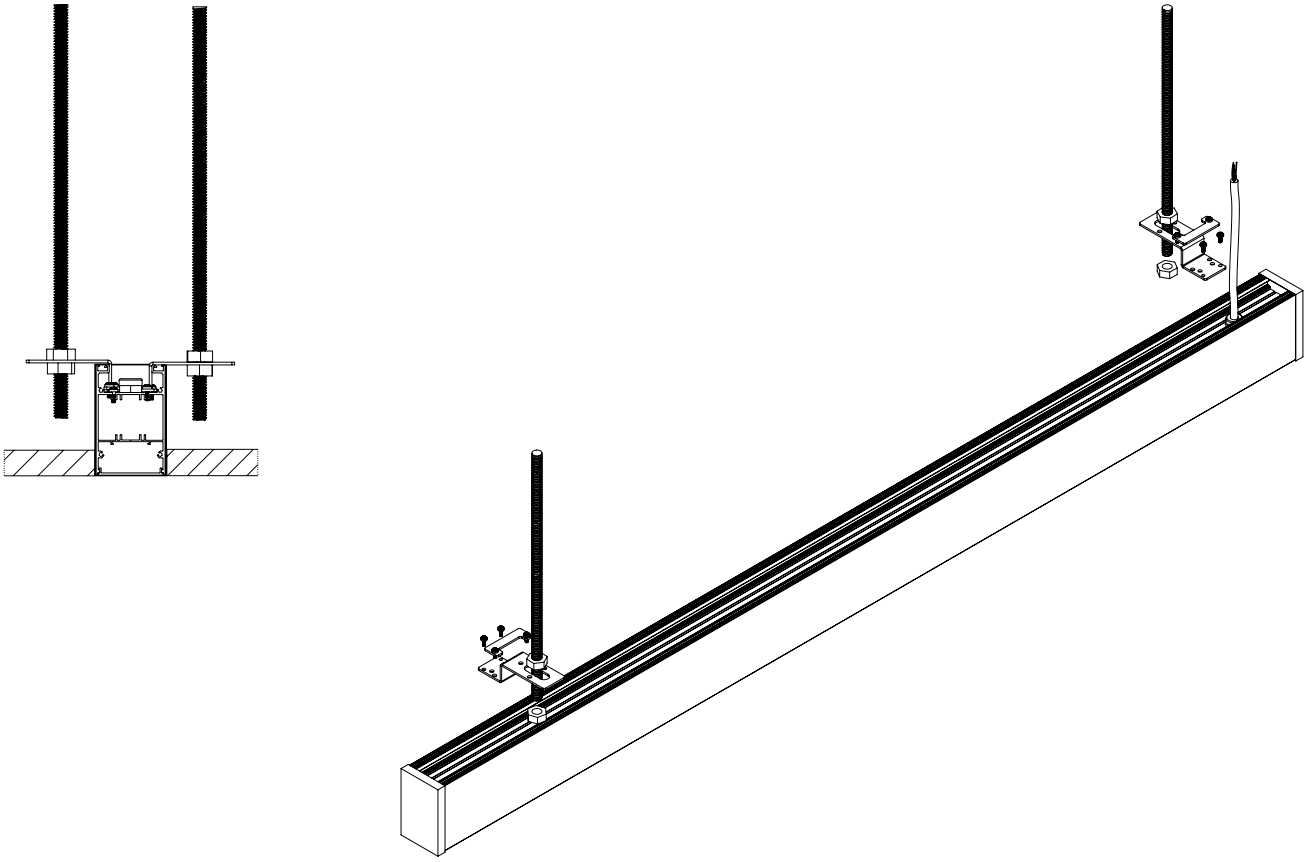
Dimension and Mounting - Direct Distribution (D)



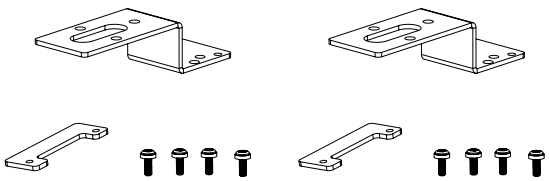
FIXTURE ID	A	B	C
IP-2-R-D-4	3.15"	1.97"	4'
IP-2-R-D-6	3.15"	1.97"	6'
IP-2-R-D-8	3.15"	1.97"	8'

Project:	Type:
	Comments:

Recessed Mount (threaded rod by others)

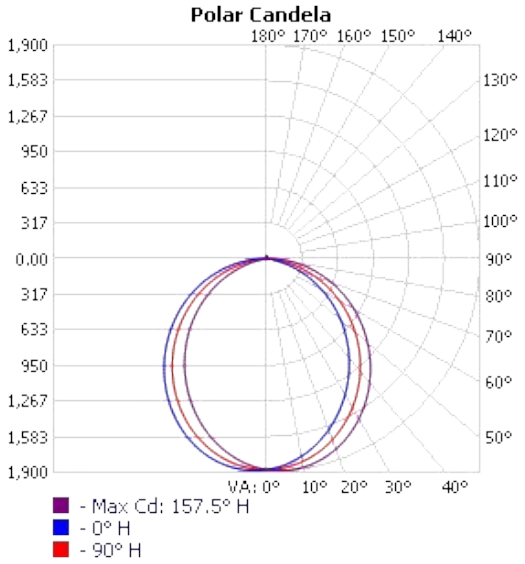


Recessed Kit



Project:	Type:
	Comments:

Photometrics



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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

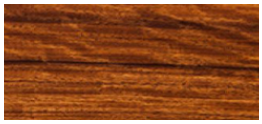
Custom Wooden Colors


American Walnut


Cherry


Maple

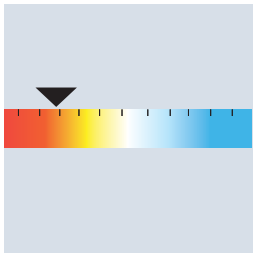

Light Oak


Palisander Santos

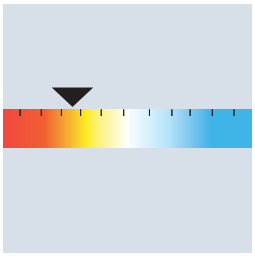
Project:	Type:
	Comments:

Color Temperature

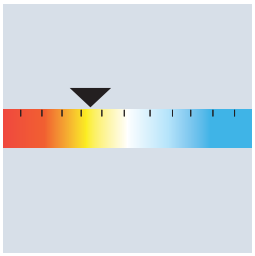
Color Temperature



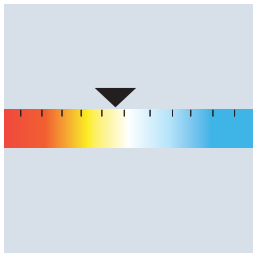
2700K



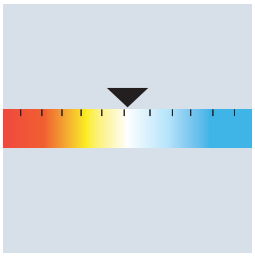
3000K



3500K

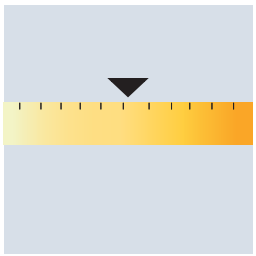


4000K

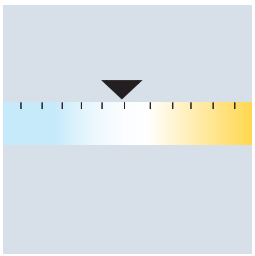


5000K

Tunable White



Dim To Warm



Tunable White