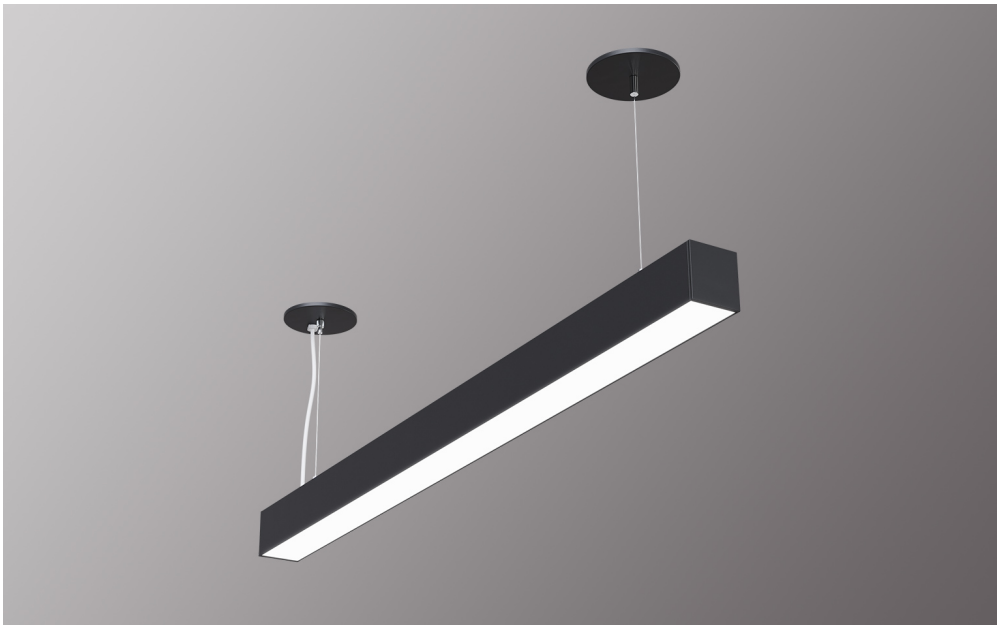
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BX-3 SERIES

Rev. Date: 11/05/2026

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, these fixtures can be pendant, surface, or wall-mounted. With virtually limitless options for creating patterns and shapes, the BX series provides a versatile, cost-effective, and modern lighting solution.

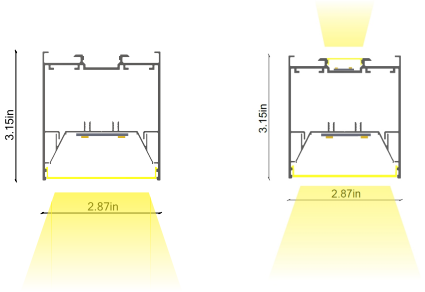
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

Optical: Direct 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. X, T, L lit corners, wall to ceiling transitions, for smooth seamless patterns, continuous roll lens available.

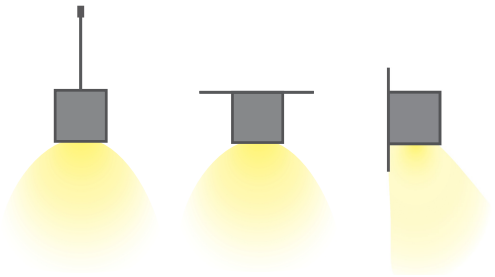
5-year limited warranty

Cross Section



Direct Indirect

Installation



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

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BX-3 SERIES

Rev. Date: 11/05/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-3-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	
BX-3	BX-3	D	Direct	2	2´	LO	Low
		DI	Direct/Indirect	4	4´	ME	Medium
		DI2	D/I2-circuit	6	6´	HI	High
		DWW	Direct, Wall Wash	8	8´		
		BW	Bat Wing	C	Custom		

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
27	2700K	U	110-277V	S	Silver	P	Pendant
30	3000K	HV	347V	W	White	W	Wall Mount
35	3500K			B	Black	SM	Surface Mount
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)	RL	Roll Lens
DM1%	1% Dimming	M	Motion Sensor (remote)	X	None
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		

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BX-3 SERIES

Rev. Date: 11/05/2026

Project:	Type:
	Comments:

Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-BX-3-D-2-ME-30	2'	Medium	3000K	16W	2096Lm
TECHOLED-BX-3-D-2-HI-30	2'	High	3000K	22W	2882Lm
TECHOLED-BX-3-D-4-LO-30	4'	Low	3000K	23W	3013Lm
TECHOLED-BX-3-D-4-ME-30	4'	Medium	3000K	32W	4192Lm
TECHOLED-BX-3-D-4-HI-30	4'	High	3000K	44W	5764Lm
TECHOLED-BX-3-D-6-LO-30	6'	Low	3000K	34W	4454Lm
TECHOLED-BX-3-D-6-ME-30	6'	Medium	3000K	48W	6288Lm
TECHOLED-BX-3-D-6-HI-30	6'	High	3000K	66W	8646Lm
TECHOLED-BX-3-D-8-LO-30	8'	Low	3000K	46W	6026Lm
TECHOLED-BX-3-D-8-ME-30	8'	Medium	3000K	64W	8384Lm
TECHOLED-BX-3-D-8-HI-30	8'	High	3000K	89W	11659Lm

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

Model #	Size	Output	Color Temp.	Wattage	Down Lumen Out.	Up Lumen Out.
TECHOLED-BX-3-DI-2-ME-30	2'	Medium	3000K	17W	1480Lm	850Lm
TECHOLED-BX-3-DI-2-HI-30	2'	High	3000K	22W	1890Lm	1124Lm
TECHOLED-BX-3-DI-4-LO-30	4'	Low	3000K	23W	1972Lm	1204Lm
TECHOLED-BX-3-DI-4-ME-30	4'	Medium	3000K	34W	2960Lm	1700Lm
TECHOLED-BX-3-DI-4-HI-30	4'	High	3000K	44W	3780Lm	2248Lm
TECHOLED-BX-3-DI-6-LO-30	6'	Low	3000K	34W	2958Lm	1806Lm
TECHOLED-BX-3-DI-6-ME-30	6'	Medium	3000K	51W	4440Lm	2550Lm
TECHOLED-BX-3-DI-6-HI-30	6'	High	3000K	65W	5670Lm	3372Lm
TECHOLED-BX-3-DI-8-LO-30	8'	Low	3000K	46W	3944Lm	2408Lm
TECHOLED-BX-3-DI-8-ME-30	8'	Medium	3000K	68W	5920Lm	3400Lm
TECHOLED-BX-3-DI-8-HI-30	8'	High	3000K	88W	7560Lm	4496Lm

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

Performance

		Direct	
Output	Lumens / W	W / ft	Lumens / ft
Low	131	5.8	760
Medium	131	8.0	1048
High	131	11.1	1454

Project:	Type:
	Comments:

	Direct			Indirect		
Output	Lumens / W	W / ft	Lumens / ft	Lumens / W	W / ft	Lumens / ft
Low	137	3.6	493	137	2.2	301
Medium	137	5.4	740	137	3.1	425
High	137	6.9	945	137	4.1	562

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)

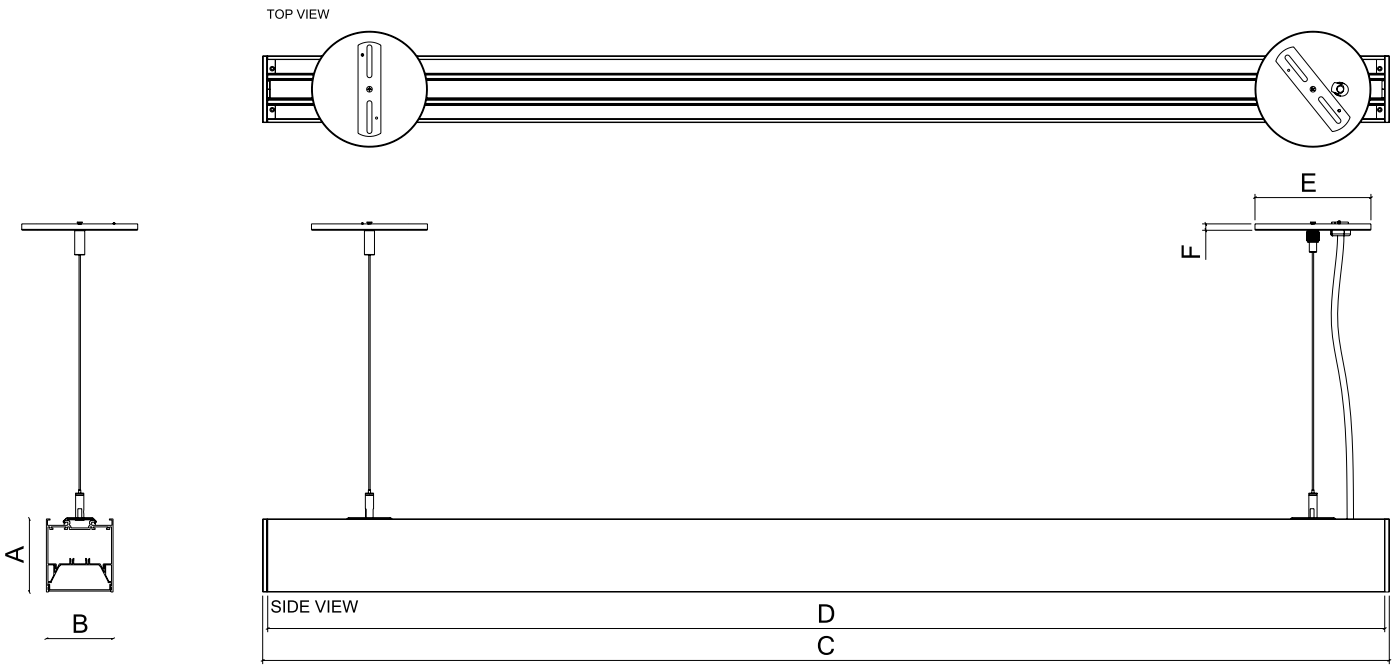
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BX-3 SERIES

Rev. Date: 11/05/2026

Project:	Type:
	Comments:

Dimension and Mounting - Direct Distribution (D)

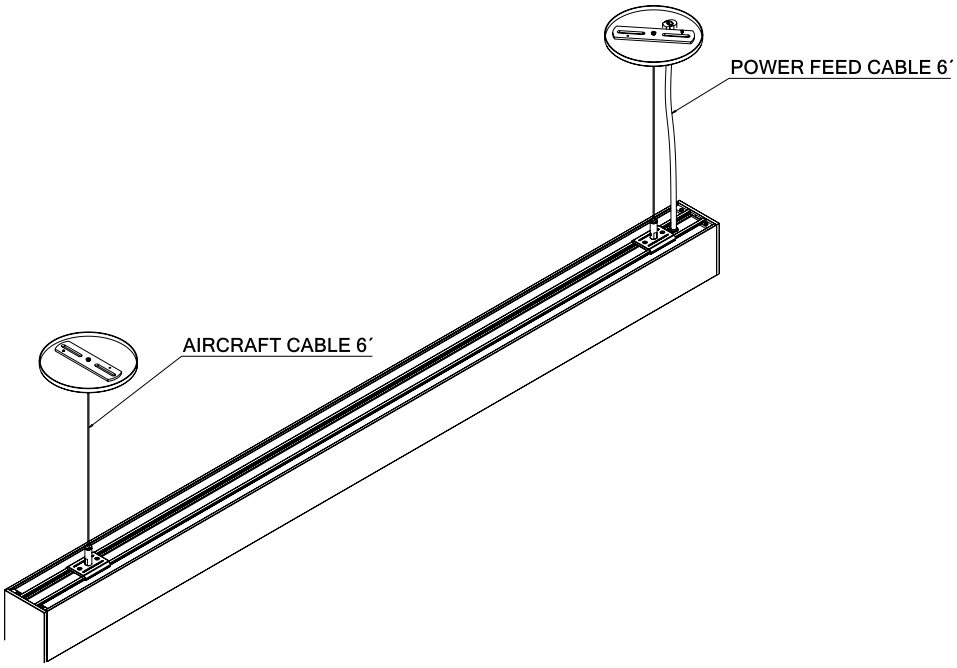


FIXTURE ID	A	B	C	D	E	F
BX-3-D-2	3.15"	2.87"	24.57"	24.17"	5"	0.28"
BX-3-D-4	3.15"	2.87"	48.58"	48.19"	5"	0.28"
BX-3-D-6	3.15"	2.87"	72.56"	72.17"	5"	0.28"
BX-3-D-8	3.15"	2.87"	96.57"	96.18"	5"	0.28"

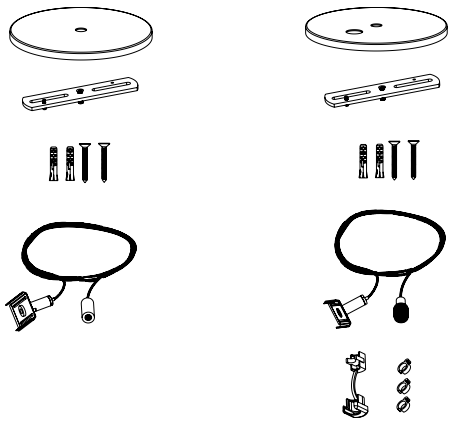
Project:	Type:
	Comments:

Pendant (D)



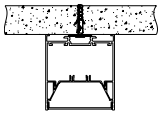


Pendant Kit

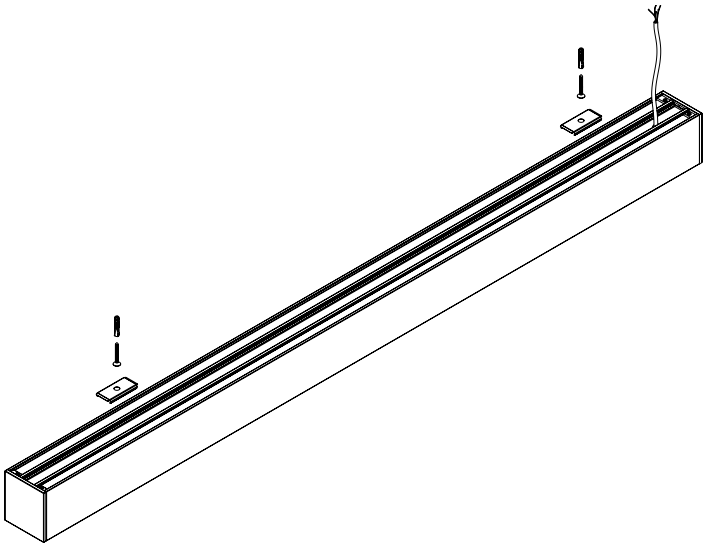


Project:	Type:
	Comments:

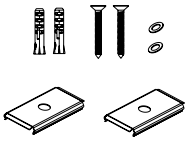
Surface Mount (D)



SURFACE MOUNT

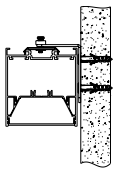


Surface Mount Kit

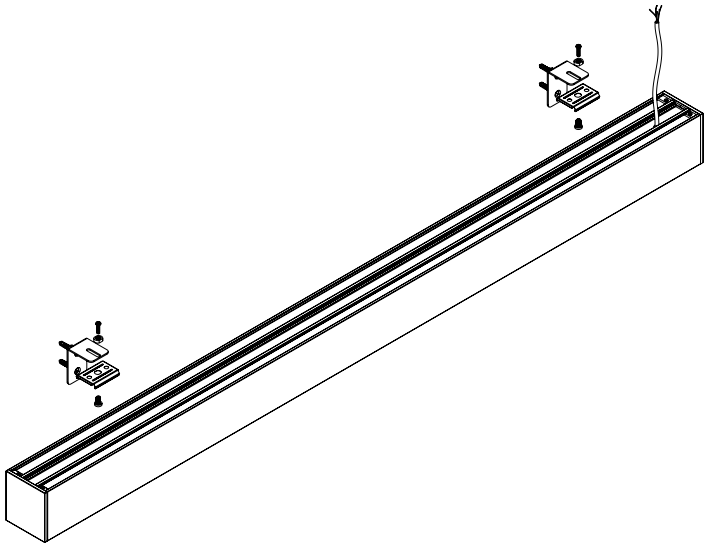


Project:	Type:
	Comments:

Wall Mount (D)



WALL MOUNT



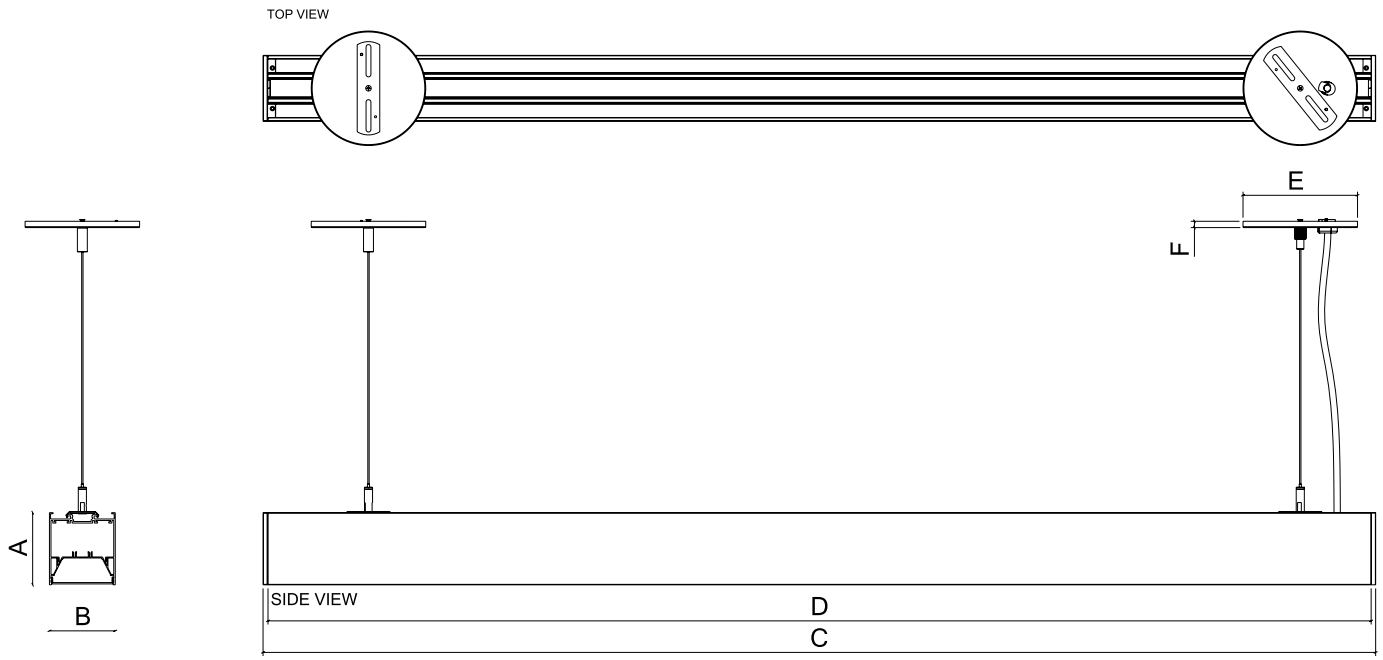
Wall Mount Kit





Project:	Type:
	Comments:

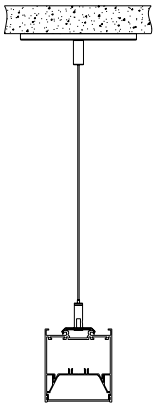
Dimension and Mounting - Direct/Indirect Distribution (DI)



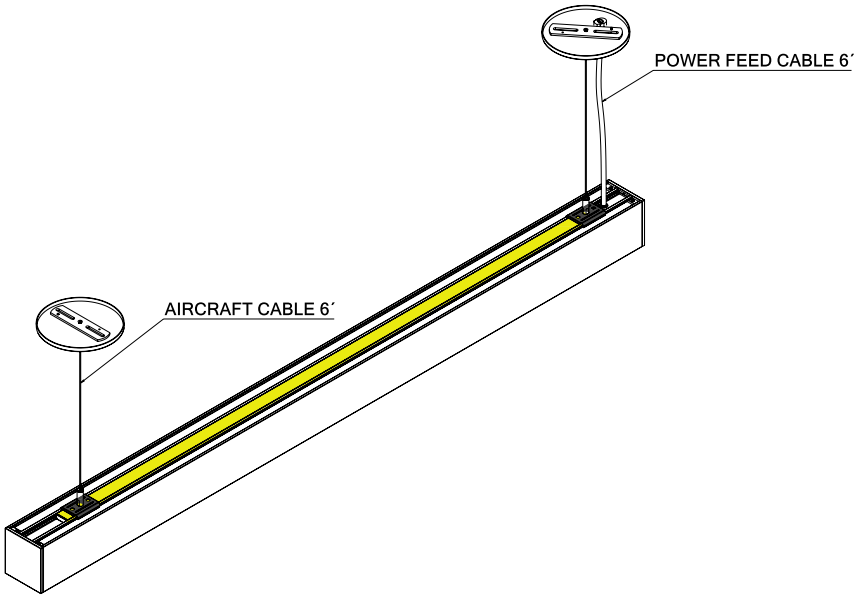
FIXTURE ID	A	B	C	D	E	F
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BX-3-DI-8	3.15"	2.87"	96.57"	96.18"	5"	0.28"

Project:	Type:
	Comments:

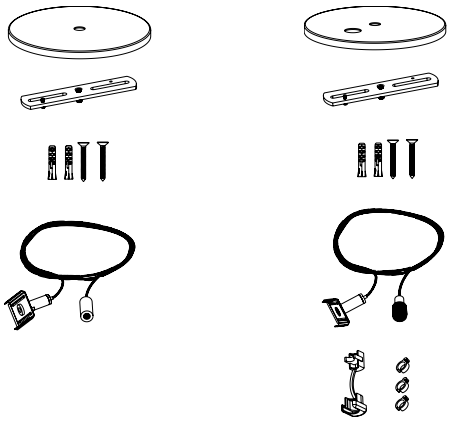
Pendant (DI)



PENDANT



Pendant Kit



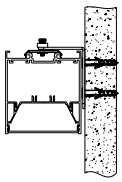
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BX-3 SERIES

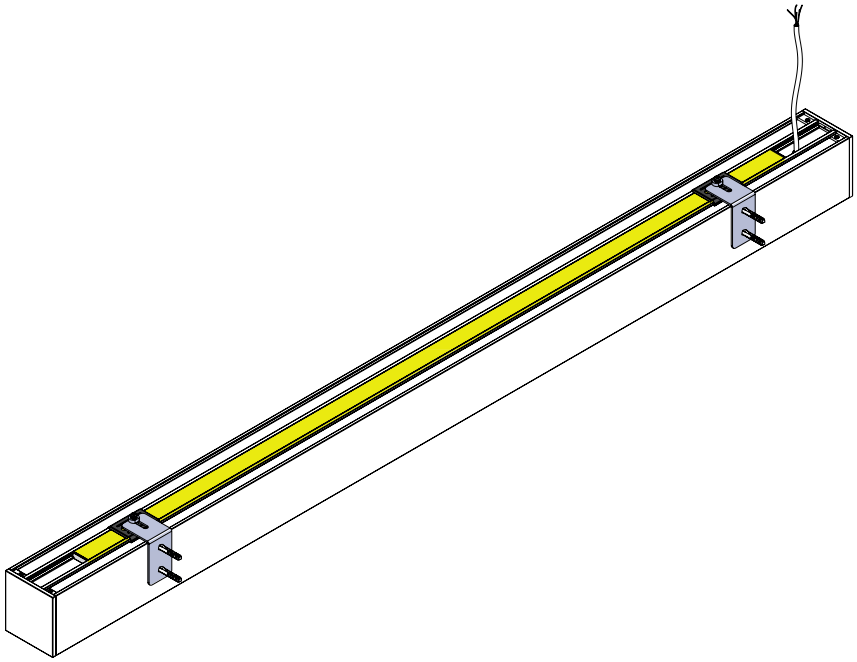
Rev. Date: 11/05/2026

Project:	Type:
	Comments:

Wall Mount (DI)



WALL MOUNT



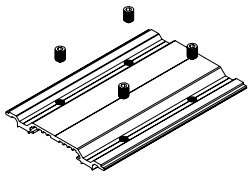
Wall Mount Kit



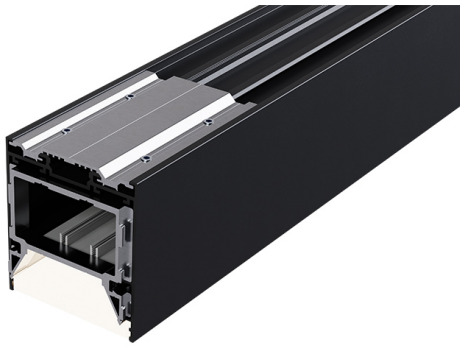


Project:	Type:
	Comments:

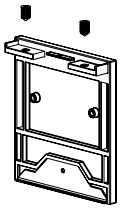
Connectors

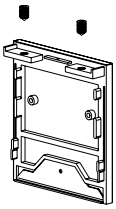






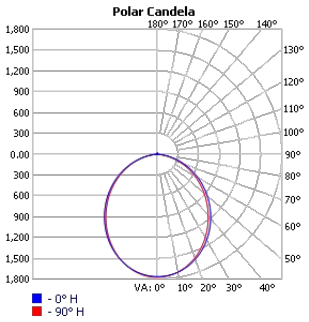
End Caps



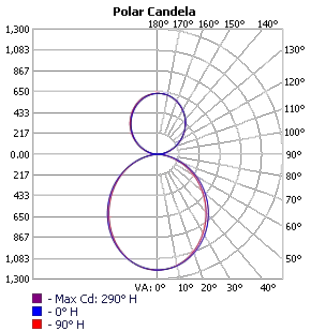


Project:	Type:
	Comments:

Photometrics



Direct

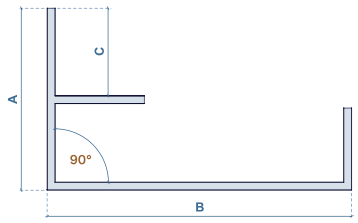


Indirect

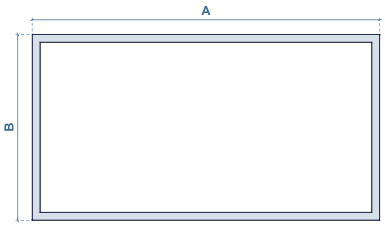
Project:	Type:
	Comments:

Patterns Option Examples

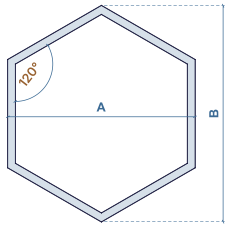
Custom pattern



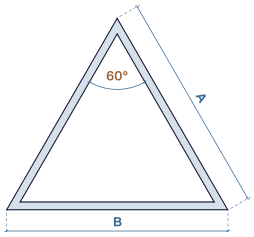
Rectangle



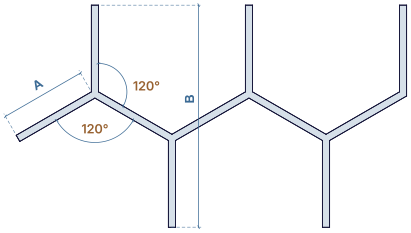
Hexagon



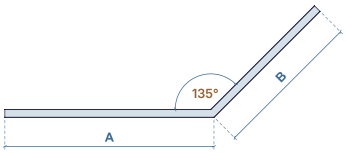
Triangle



Zig-zag / Hex



One arm angle



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

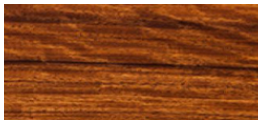
Custom Wooden Colors


American Walnut


Cherry


Maple

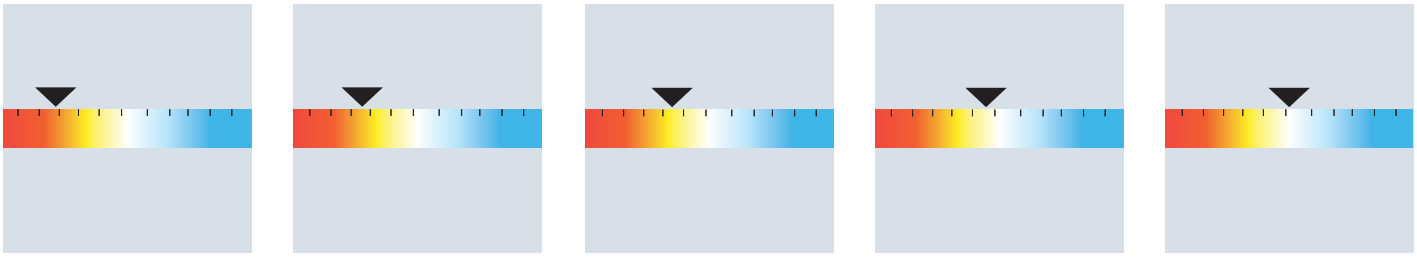

Light Oak


Palisander Santos

Project:	Type:
	Comments:

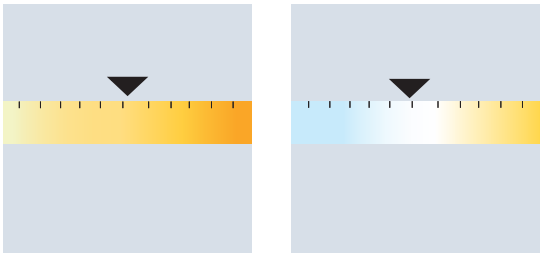
Color Temperature

Color Temperature



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

Tunable White



Dim To Warm | Tunable White