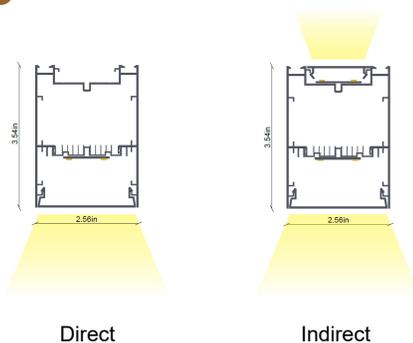| Project:	Type:
	Comments:

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.
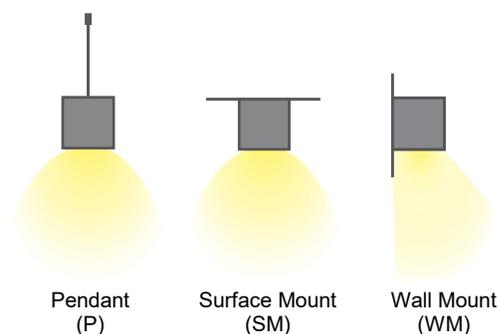
Optical: Direct and direct/indirect illumination, 110° beam angle, UGR<19

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.

Cross Section

Direct

Indirect

Installation

Pendant
(P)

Surface Mount
(SM)

Wall Mount
(WM)

Project:		Type:	
		Comments:	

▢ Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-3-D-2-LO-27-U-W	Direct	2'	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)	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		

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Project:	Type:
	Comments:

◻ Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-BX-3-D-2-LO-30	2'	Low	3000K	12W	1160Lm
TECHOLED-BX-3-D-2-ME-30	2'	Medium	3000K	18W	1800Lm
TECHOLED-BX-3-D-2-HI-30	2'	High	3000K	23W	2300Lm
TECHOLED-BX-3-D-4-LO-30	4'	Low	3000K	23W	2320Lm
TECHOLED-BX-3-D-4-ME-30	4'	Medium	3000K	36W	3600Lm
TECHOLED-BX-3-D-4-HI-30	4'	High	3000K	46W	4600Lm
TECHOLED-BX-3-D-6-LO-30	6'	Low	3000K	35W	3480Lm
TECHOLED-BX-3-D-6-ME-30	6'	Medium	3000K	54W	5400Lm
TECHOLED-BX-3-D-6-HI-30	6'	High	3000K	69W	6900Lm
TECHOLED-BX-3-D-8-LO-30	8'	Low	3000K	46W	4640Lm
TECHOLED-BX-3-D-8-ME-30	8'	Medium	3000K	72W	7200Lm
TECHOLED-BX-3-D-8-HI-30	8'	High	3000K	92W	9200Lm

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-LO-30	2'	Low	3000K	17W	1160Lm	570Lm
TECHOLED-BX-3-DI-2-ME-30	2'	Medium	3000K	23W	1800Lm	900Lm
TECHOLED-BX-3-DI-2-HI-30	2'	High	3000K	30W	2300Lm	1150Lm
TECHOLED-BX-3-DI-4-LO-30	4'	Low	3000K	34W	2320Lm	1160Lm
TECHOLED-BX-3-DI-4-ME-30	4'	Medium	3000K	46W	3600Lm	1800Lm
TECHOLED-BX-3-DI-4-HI-30	4'	High	3000K	60W	4600Lm	2300Lm
TECHOLED-BX-3-DI-6-LO-30	6'	Low	3000K	51W	3480Lm	1740Lm
TECHOLED-BX-3-DI-6-ME-30	6'	Medium	3000K	68W	5400Lm	2700Lm
TECHOLED-BX-3-DI-6-HI-30	6'	High	3000K	90W	6900Lm	3450Lm
TECHOLED-BX-3-DI-8-LO-30	8'	Low	3000K	68W	4640Lm	2320Lm
TECHOLED-BX-3-DI-8-ME-30	8'	Medium	3000K	91W	7200Lm	3600Lm
TECHOLED-BX-3-DI-8-HI-30	8'	High	3000K	120W	9200Lm	4600Lm

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

■ Performance

Output	Direct			Indirect		
	Lumens / W	W / ft	Lumens / ft	Lumens / W	W / ft	Lumens / ft
Low	100	5.8	580	100	2.9	290
Medium	100	9.0	900	100	4.5	450
High	100	11.5	1150	100	5.8	575

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)

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Project:	Type:
	Comments:

Dimension and Mounting - Direct Distribution (D)

TOP VIEW

D

E

SIDE VIEW

A

B

C

BOTTOM VIEW
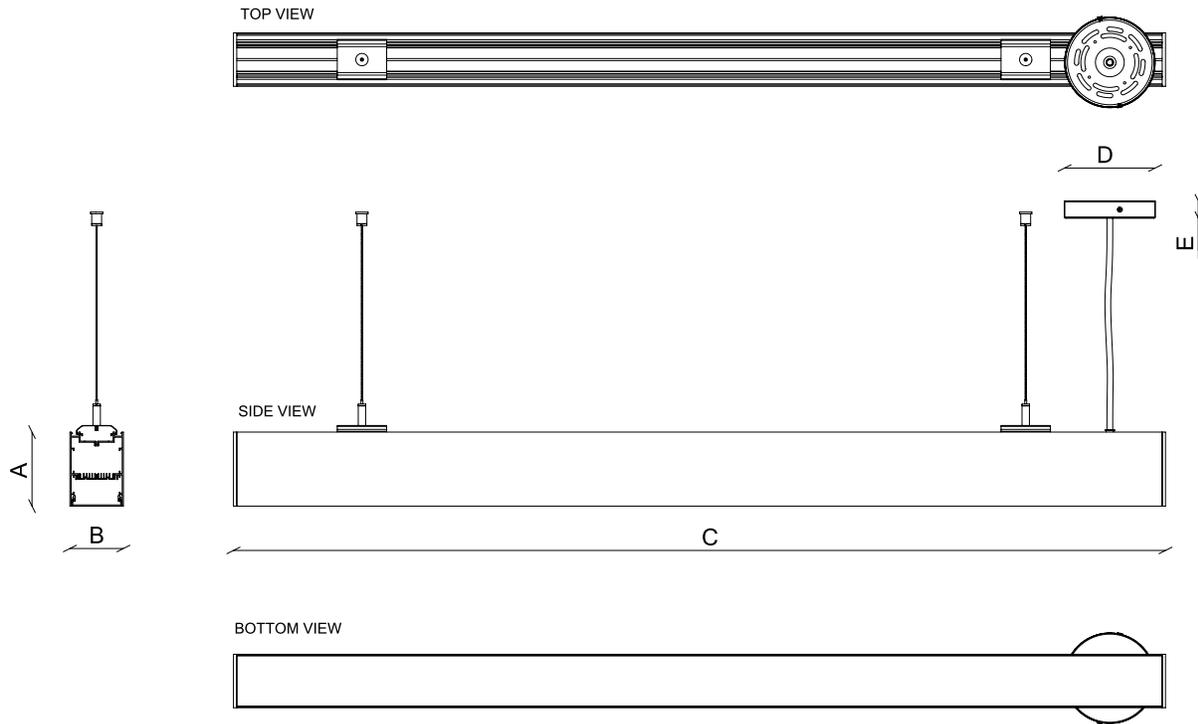
FIXTURE ID	A	B	C	D	E
BX-3-D-2	3.5"	2.6"	24.2"	4.33"	0.98"
BX-3-D-4	3.5"	2.6"	48"	4.33"	0.98"
BX-3-D-6	3.5"	2.6"	71.7"	4.33"	0.98"
BX-3-D-8	3.5"	2.6"	95.5"	4.33"	0.98"

Project:	Type:
	Comments:

■ Pendant (D)

∅4.33"

POWER FEED 5′

AIRCRAFT CABLE 5′
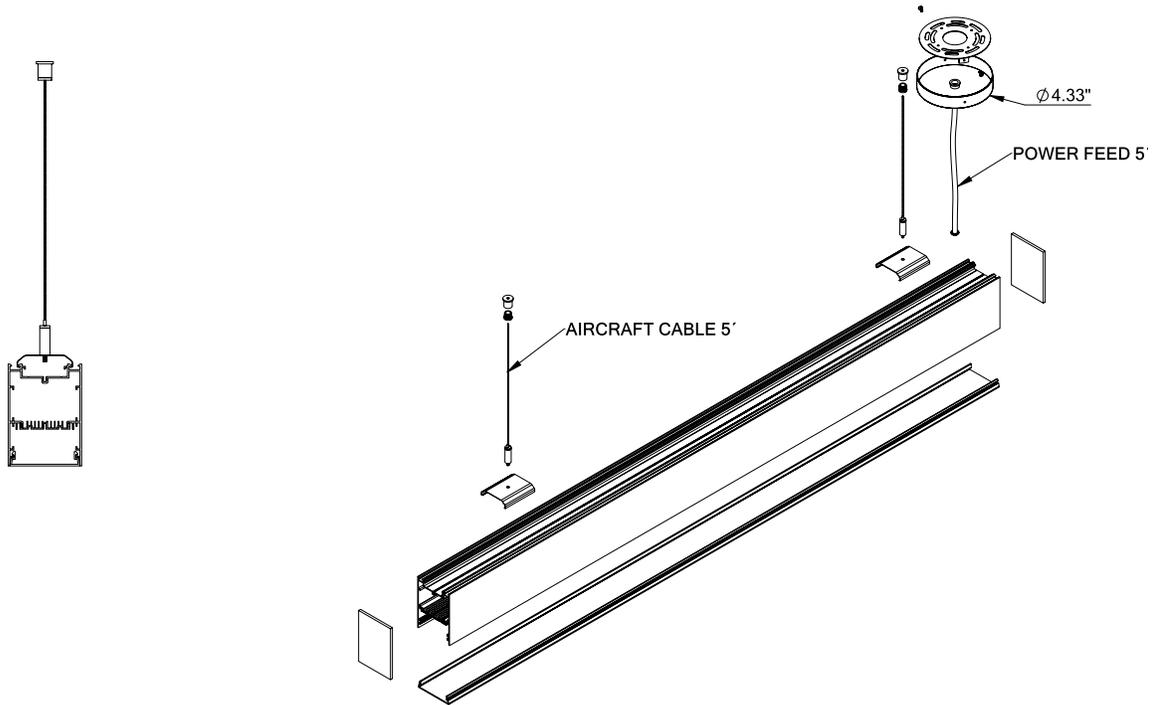
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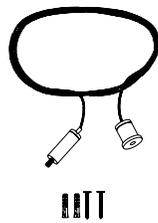
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	Comments:

Surface Mount (D)
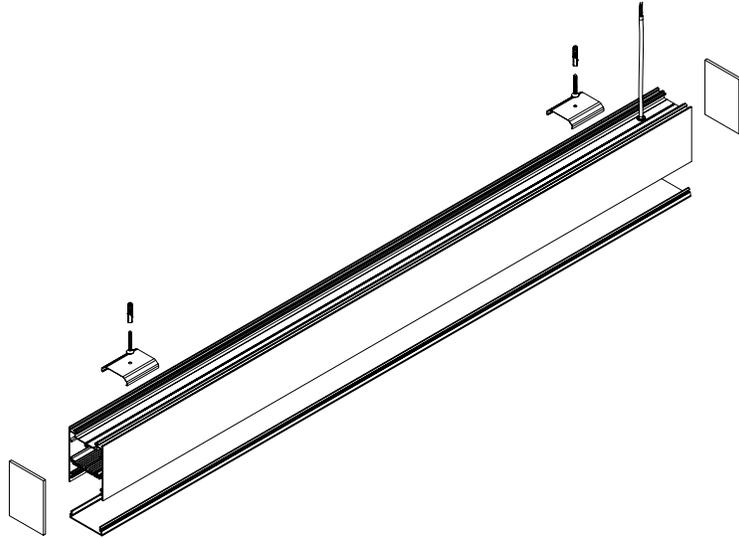
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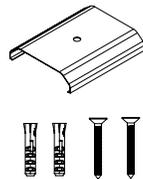
Wall Mount (D)

Wall Mount Kit

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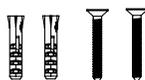
Project:	Type:
	Comments:

◻ Dimension and Mounting - Direct/Indirect Distribution (DI)

TOP VIEW

D

E

SIDE VIEW

A

B

C

BOTTOM VIEW
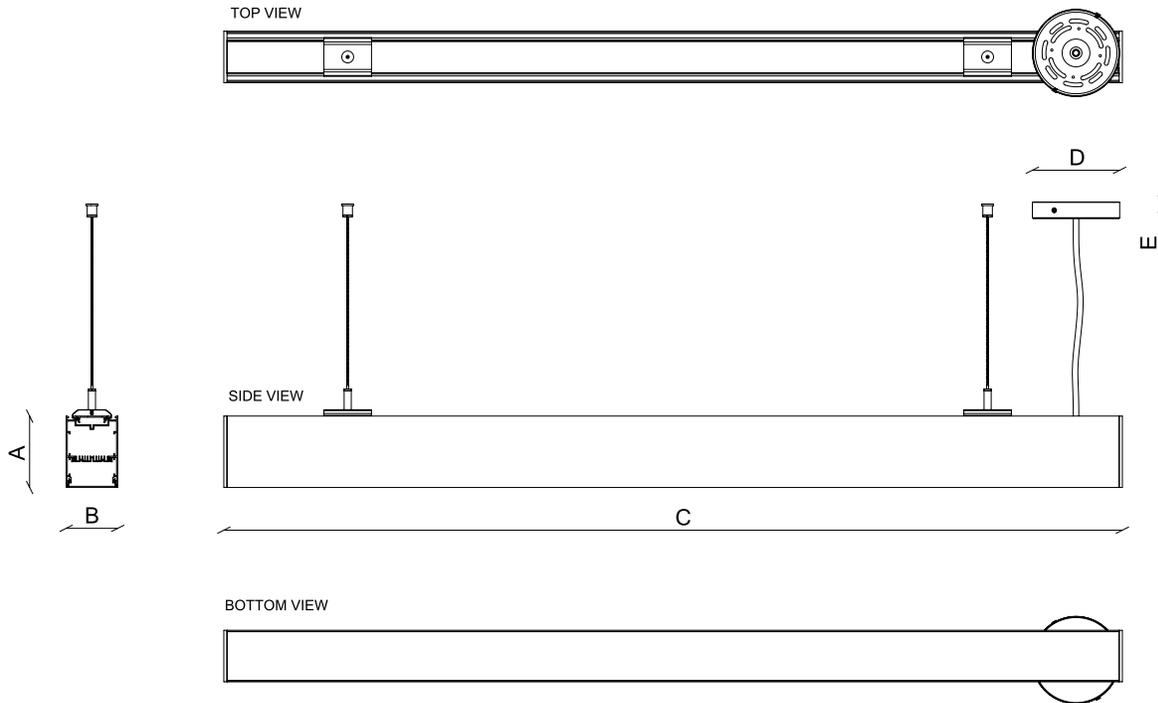
FIXTURE ID	A	B	C	D	E
BX-3-DI-2	3.5"	2.6"	24.2"	4.33"	0.98"
BX-3-DI-4	3.5"	2.6"	48"	4.33"	0.98"
BX-3-DI-6	3.5"	2.6"	71.7"	4.33"	0.98"
BX-3-DI-8	3.5"	2.6"	95.5"	4.33"	0.98"

Project:	Type:
	Comments:

■ Pendant (DI)

4.33in

POWER FEED 5´

AIRCRAFT CABLE 5´
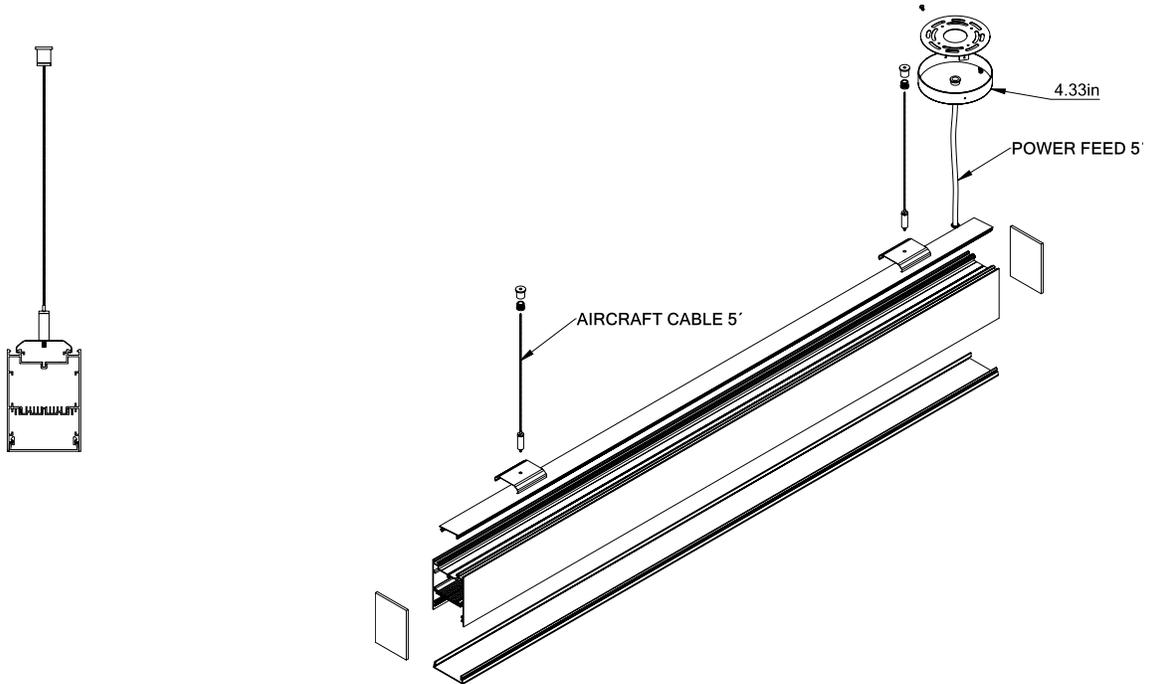
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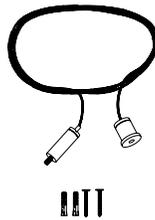
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	Comments:

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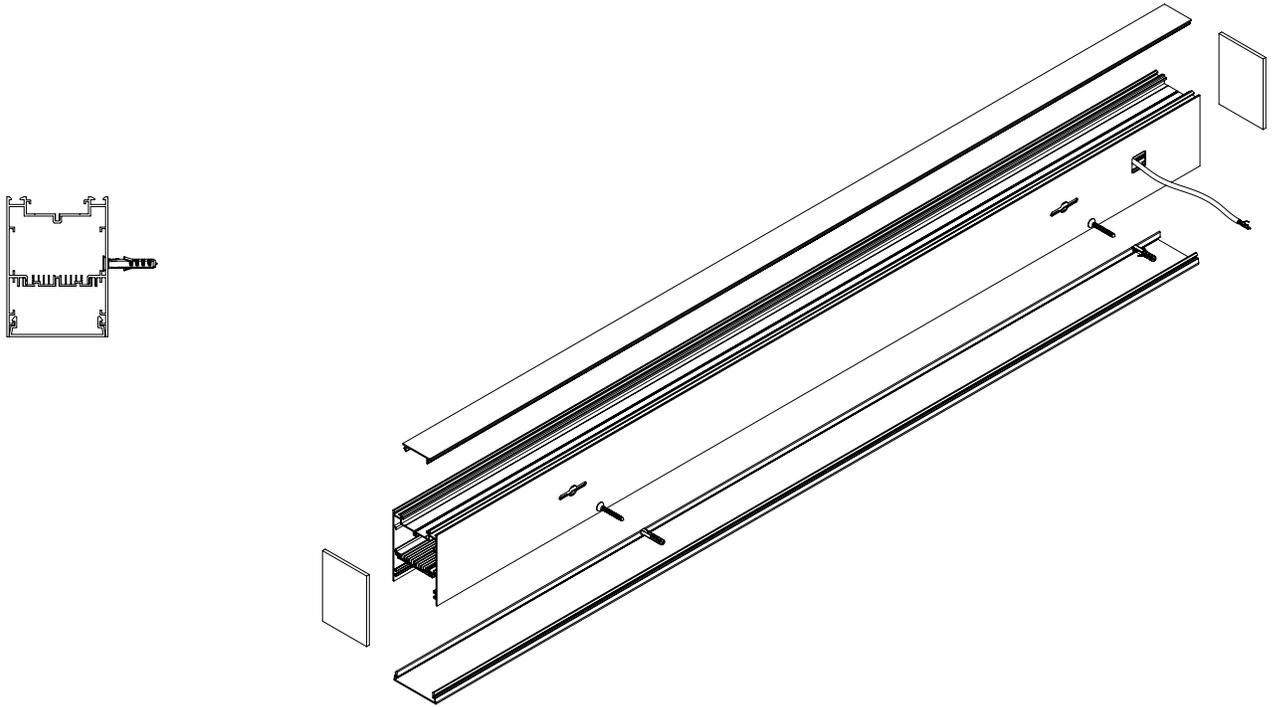
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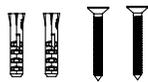
Project:	Type:
	Comments:

Connectors

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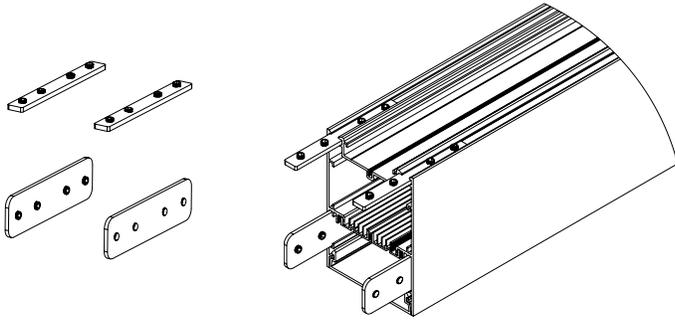
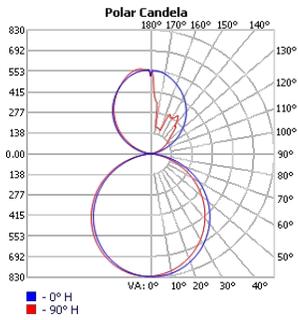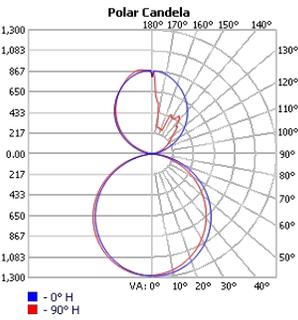| Project:	Type:
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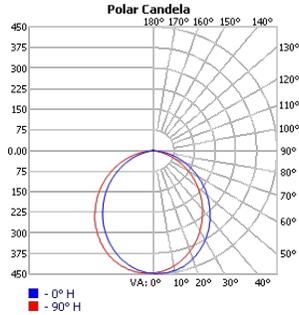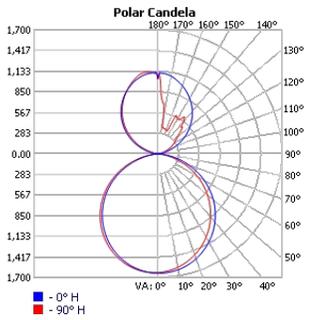

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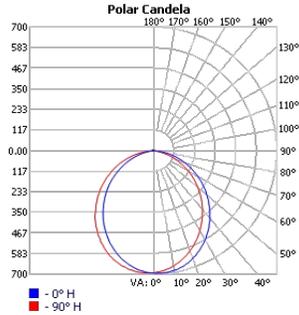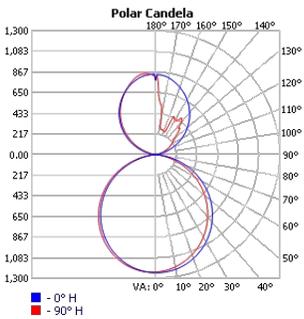

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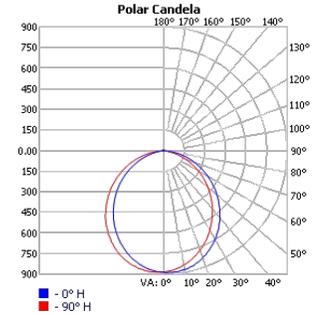
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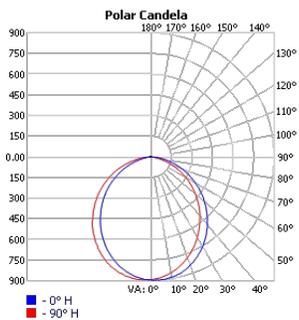
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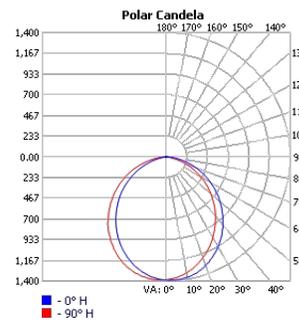
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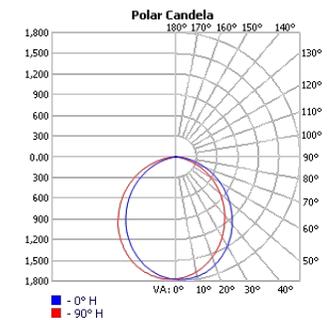
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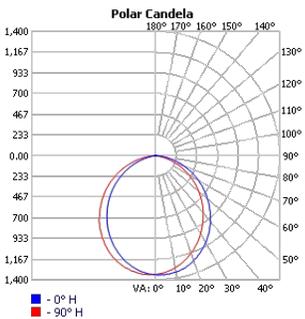
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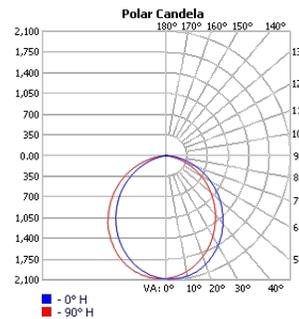
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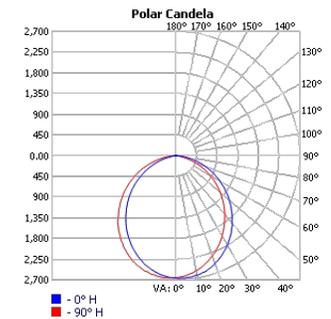
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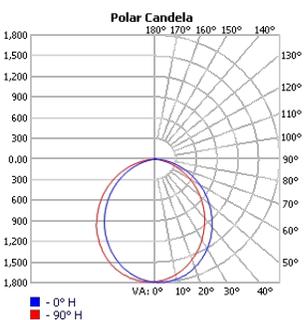
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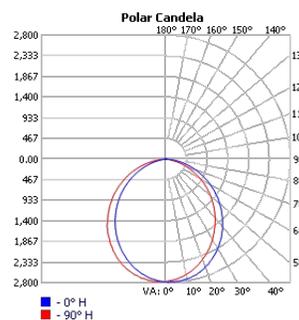
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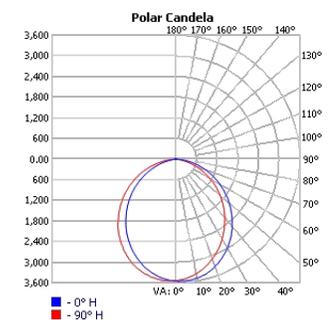
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	Comments:
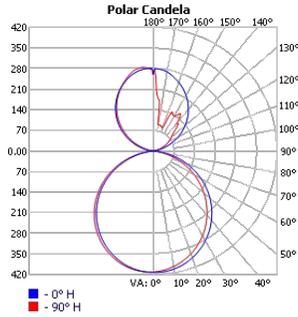
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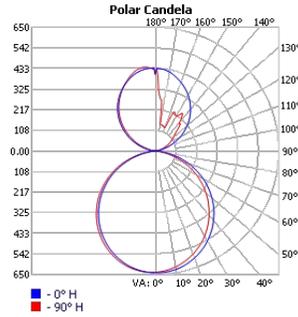
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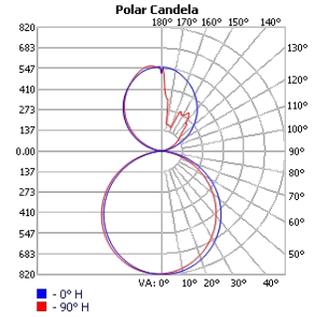
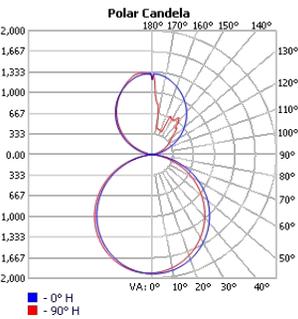
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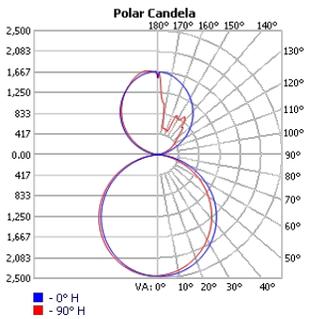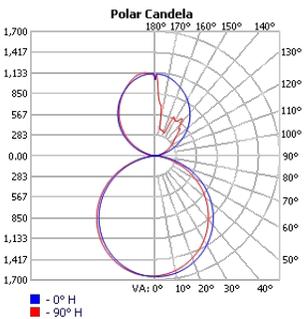TECHOLED-BX-3-DI-4-LO-30

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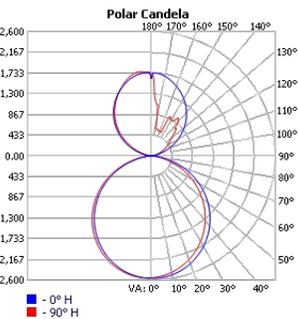TECHOLED-BX-3-DI-4-HI-30
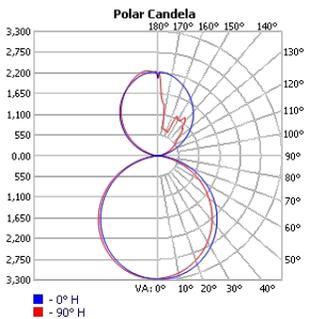

TECHOLED-BX-3-DI-6-LO-30

TECHOLED-BX-3-DI-6-ME-30

TECHOLED-BX-3-DI-6-HI-30

TECHOLED-BX-3-DI-8-LO-30

TECHOLED-BX-3-DI-8-ME-30

TECHOLED-BX-3-DI-8-HI-30

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Project:	Type:
	Comments:

■ Patterns Option Examples
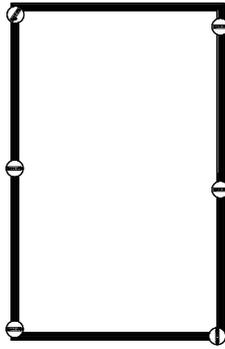
Rectangle

L-Shape

Custom

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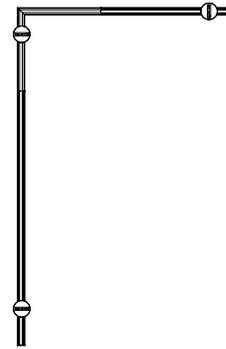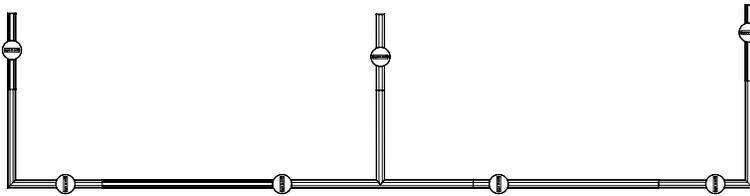
Project:	Type:
	Comments:

☐ 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
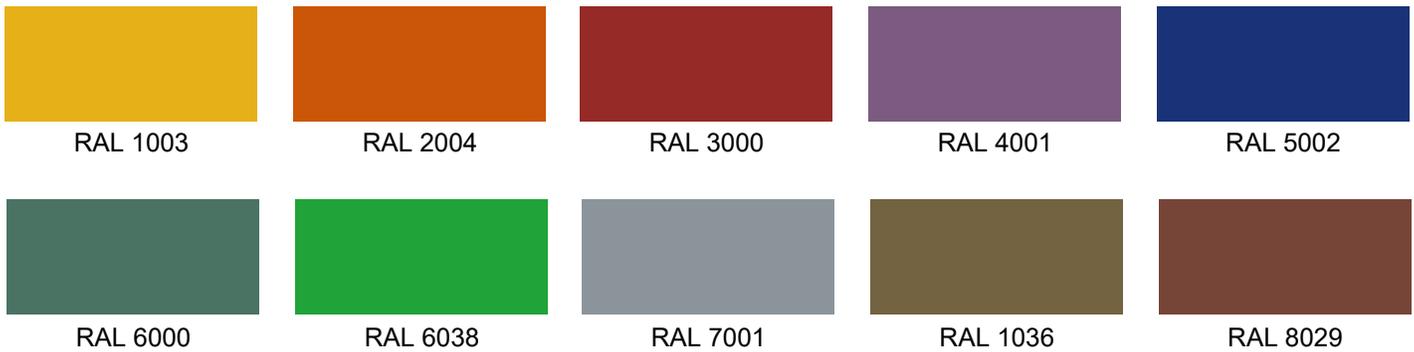
Any RAL color available, please refer to ralcolorchart.com

■ Custom Wooden Colors

American Walnut	Cherry	Maple	Light Oak	Palisander Santos
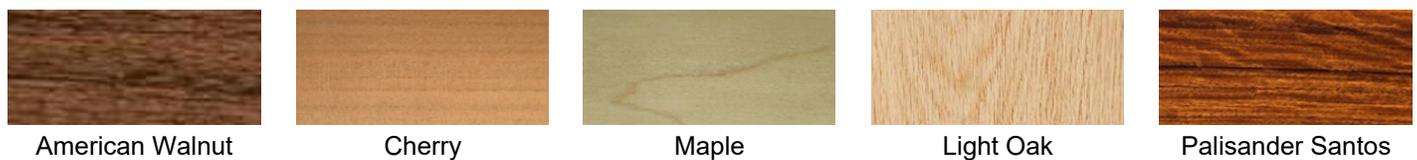
Project:	Type:
	Comments:

Color Temperature

Color Temperature

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

Tunable White

| Dim To Warm | Tunable White |