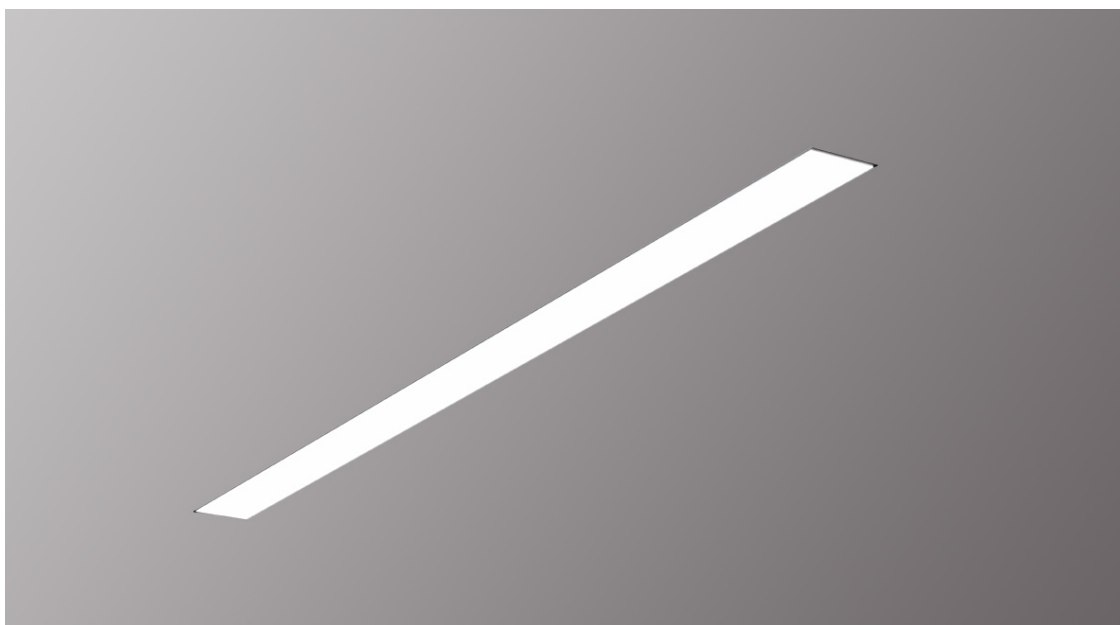


Project:	Type:
	Comments:



Highlights

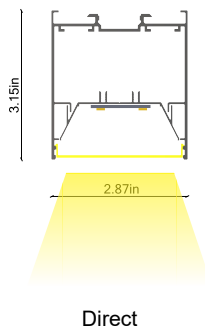
The TechoLED BX series features specification-grade linear LED fixtures made from high-grade aluminum extrusions. Available in standard sizes from 2 to 8 feet, as well as custom lengths, recessed installation in variety of ceiling and materials. With virtually limitless options for creating patterns 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 illumination, multiple beam angles available (110° beam angle on solid lens), 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, Chicago Plenum optional.

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-3-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
BX-3-R BX-3-R	D Direct DWW Direct, Wall Wash BW Bat Wing	2 2' 4 4' 6 6' 8 8' C Custom	LO Low ME Medium HI High
5-COLOR TEMP.	6-VOLTAGE	7-FINISH	8-MOUNTING
27 2700K 30 3000K 35 3500K 40 4000K 50 5000K DT Lutron T-series RGB RGB RGBW RGBW D Tunable White	U 110-277V HV 347V	S Silver W White B Black C Custom (RAL#)	RP Recessed (mud-in) RW Wood TG T Grid Universal
9-DRIVER OPTIONS	10-OPTIONS	11-OPTIONS (CONT.)	
DM 0-10V Dimming 2C 2 Channel DM1% 1% Dimming LT1 LDE1 Lutron 1% DA Dali DMX DMX TR Triac Dimming RF RF Wireless X None	RF-D Remote Tunable (RF only) RF-R Remote RGB/W (RF only) M Motion Sensor (remote) BM BubblyNet BT Mesh CS Casambi AWNRR Lutron Athena Node AWNS Lutron Athena Node sensor NL-ES7 nLight - Wired NL-AIR nLight - AIR NL-M nLight - Module only CP Chicago Plenum X None	EM EM Battery (remote) X None	

Project:	Type:
	Comments:

Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-BX-3-R-D-2-ME-30	2'	Medium	3000K	16W	2100Lm
TECHOLED-BX-3-R-D-2-HI-30	2'	High	3000K	22W	2900Lm
TECHOLED-BX-3-R-D-4-LO-30	4'	Low	3000K	23W	3040Lm
TECHOLED-BX-3-R-D-4-ME-30	4'	Medium	3000K	32W	4200Lm
TECHOLED-BX-3-R-D-4-HI-30	4'	High	3000K	44W	5800Lm
TECHOLED-BX-3-R-D-6-LO-30	6'	Low	3000K	34W	4560Lm
TECHOLED-BX-3-R-D-6-ME-30	6'	Medium	3000K	48W	6300Lm
TECHOLED-BX-3-R-D-6-HI-30	6'	High	3000K	66W	8700Lm
TECHOLED-BX-3-R-D-8-LO-30	8'	Low	3000K	46W	6080Lm
TECHOLED-BX-3-R-D-8-ME-30	8'	Medium	3000K	64W	8400Lm
TECHOLED-BX-3-R-D-8-HI-30	8'	High	3000K	89W	11600Lm

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	131	5.8	760
Medium	131	8.0	1050
High	131	11.1	1450

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

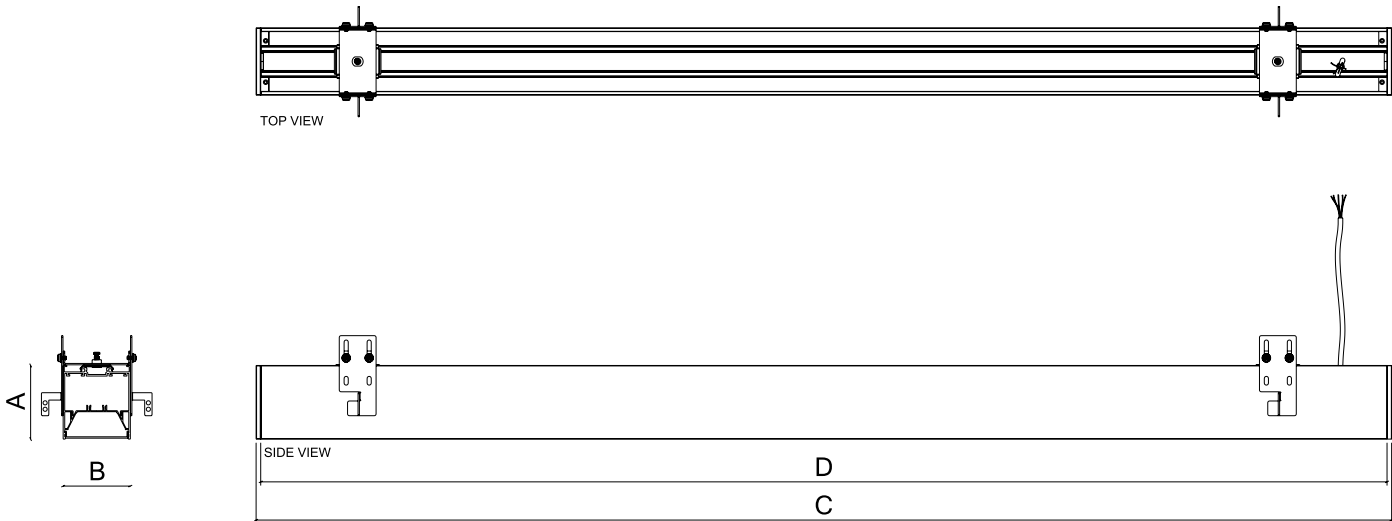
Code	Description
RF-D	RF Wireless remote controller for tunable white. Default for tunable white.
RF-R	RF Wireless remote controller for RGB & RGBW. Default for RGB & RGBW.
M	Motion Sensor - remote, for integral sensor consult factory
BM	Bluetooth Mesh Smart Wireless Control by BubblyNet
CS	Bluetooth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

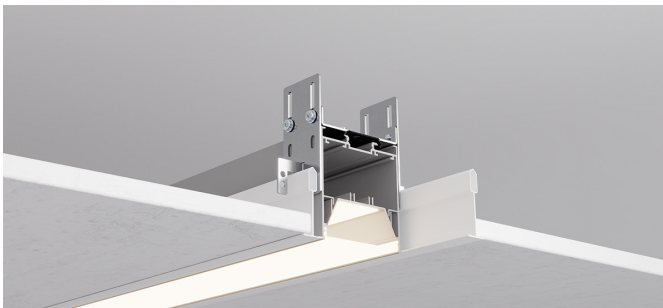
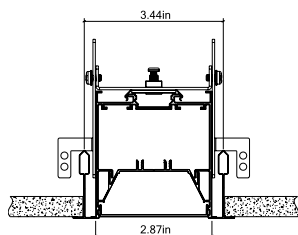
Dimension and Mounting - Direct Distribution (D)



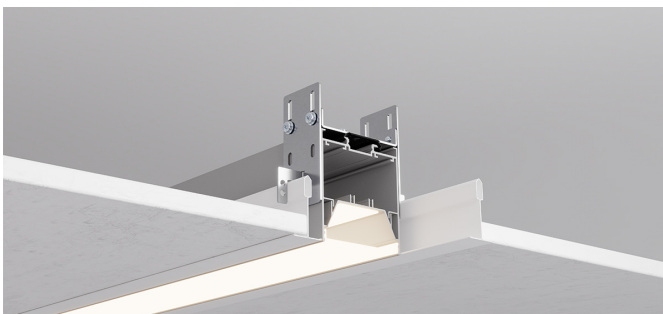
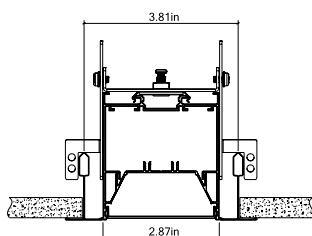
FIXTURE ID	A	B	C	D
BX-3-R-D-2	3.15"	2.87"	24.06"	23.66"
BX-3-R-D-4	3.15"	2.87"	47.52"	47.13"
BX-3-R-D-6	3.15"	2.87"	71.52"	71.13"
BX-3-R-D-8	3.15"	2.87"	95.52"	95.13"

Project:	Type:
	Comments:

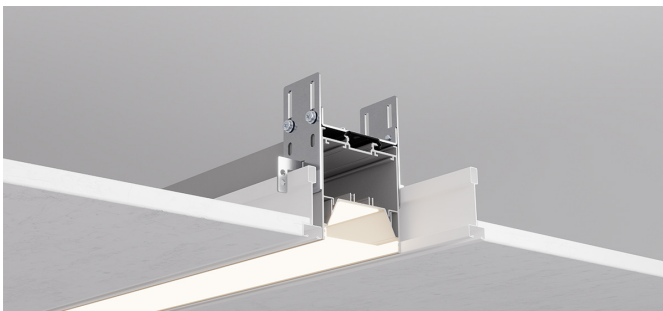
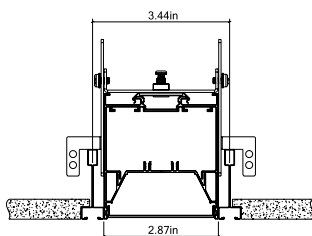
■ **Recessed - T Grid 9/16" (universal bracket)**



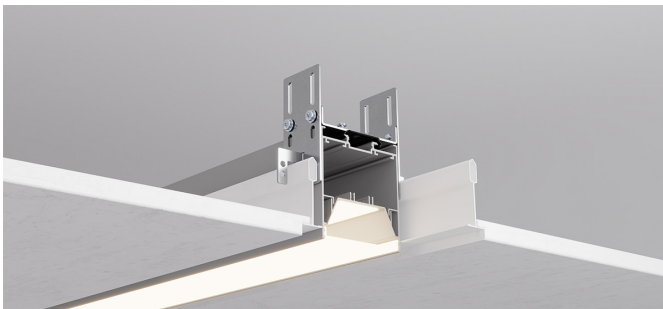
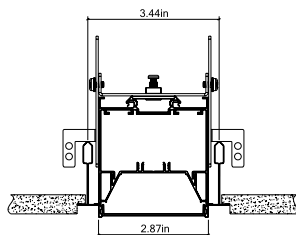
■ **Recessed - T Grid 15/16" (universal bracket)**



■ **Recessed - Slot Grid (universal bracket)**

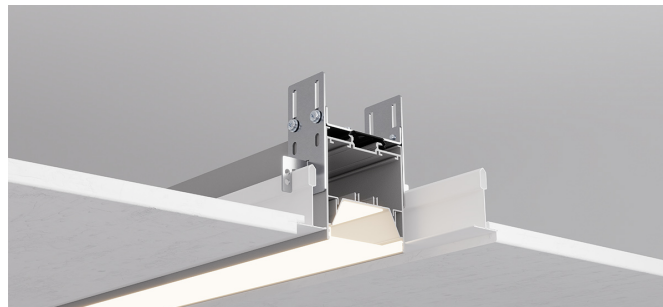
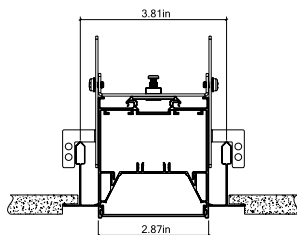


■ **Recessed - Tegular Grid 9/16" (universal bracket)**

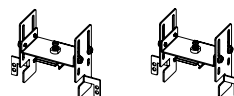
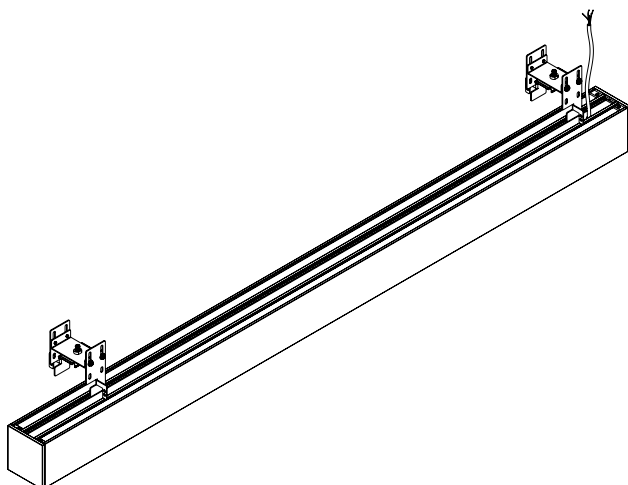


Project:	Type:
	Comments:

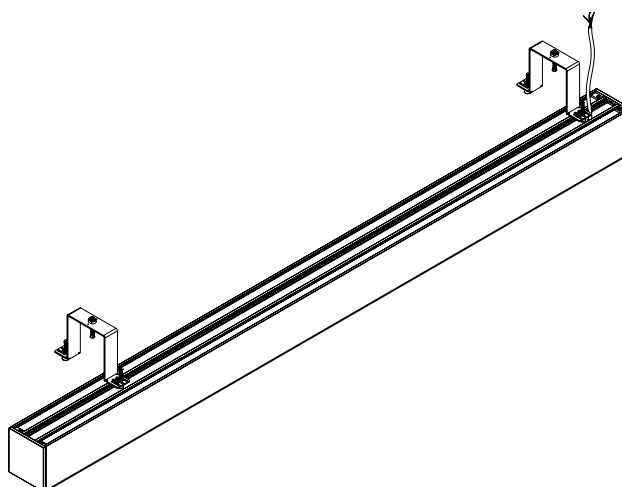
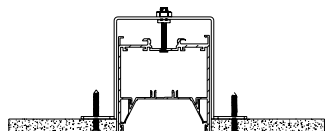
■ **Recessed - Tegular Grid 15/16" (universal bracket)**



□ **Recessed Mounting**

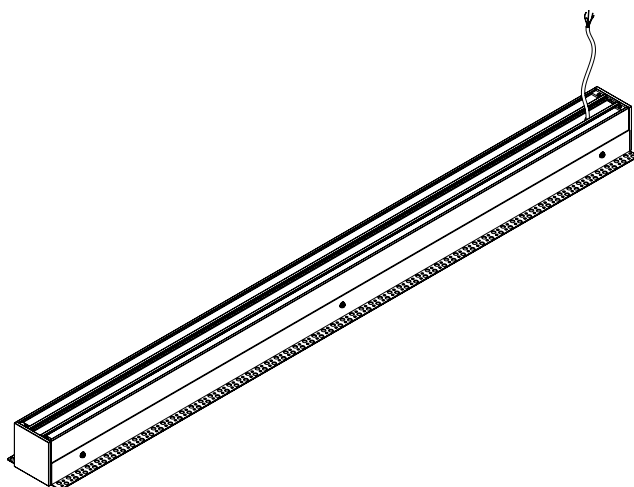
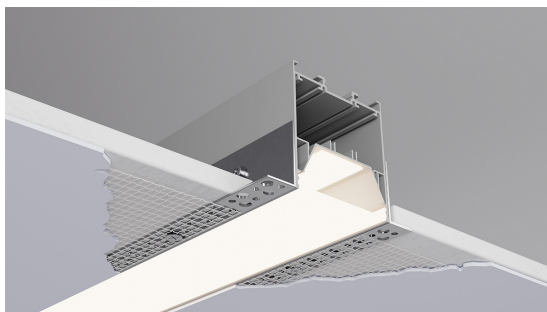
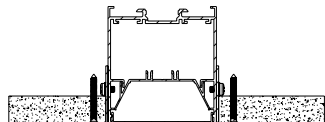


□ **RW - Wood**



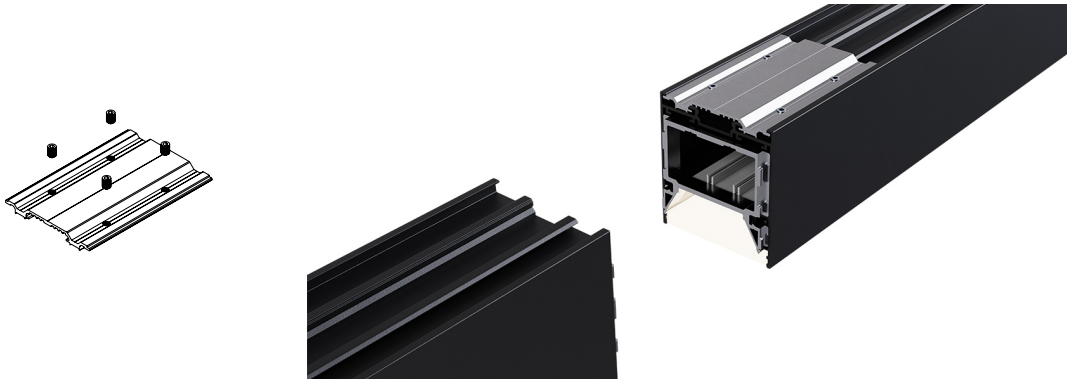
Project:	Type:
	Comments:

 Recessed (mud-in)



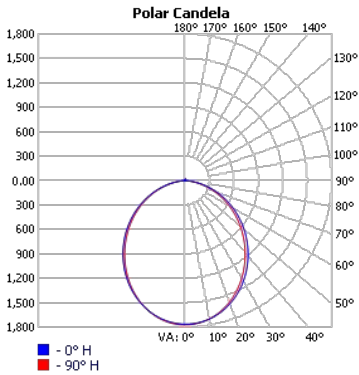
Project:	Type:
	Comments:

Connectors



Project:	Type:
	Comments:

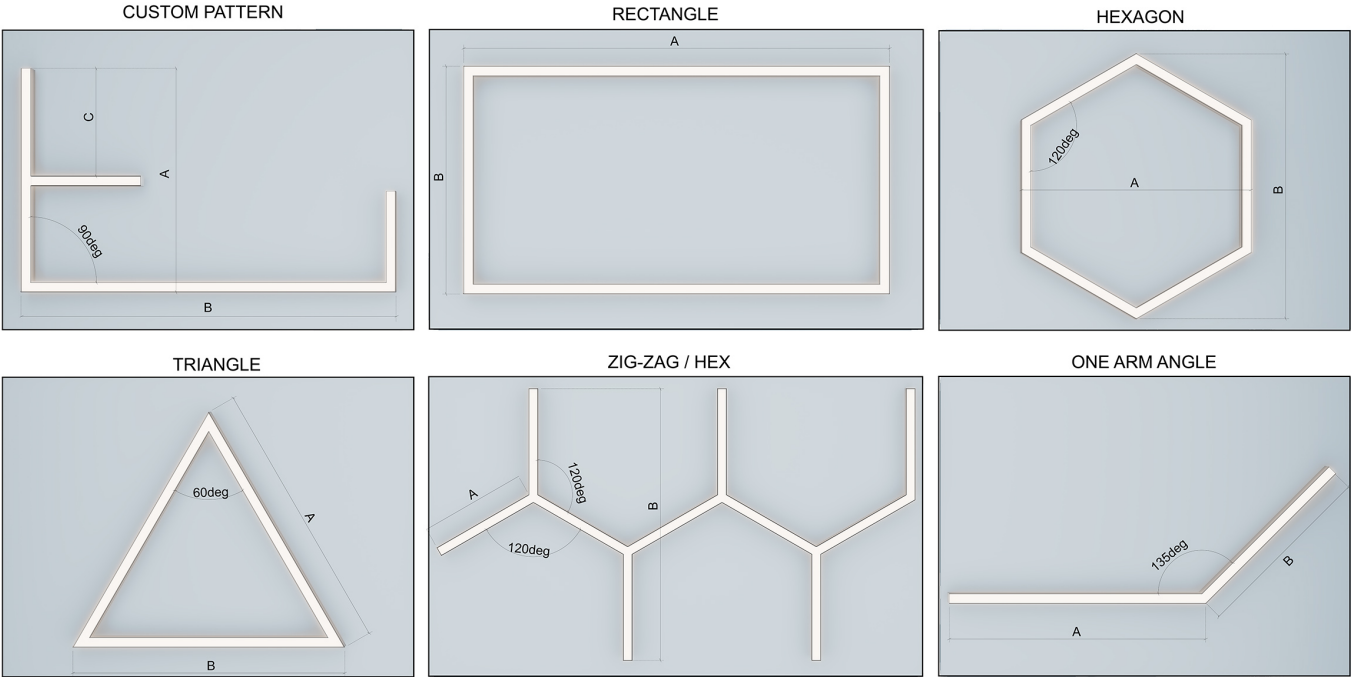
Photometrics



Direct

Project:	Type:
	Comments:

Patterns Option Examples



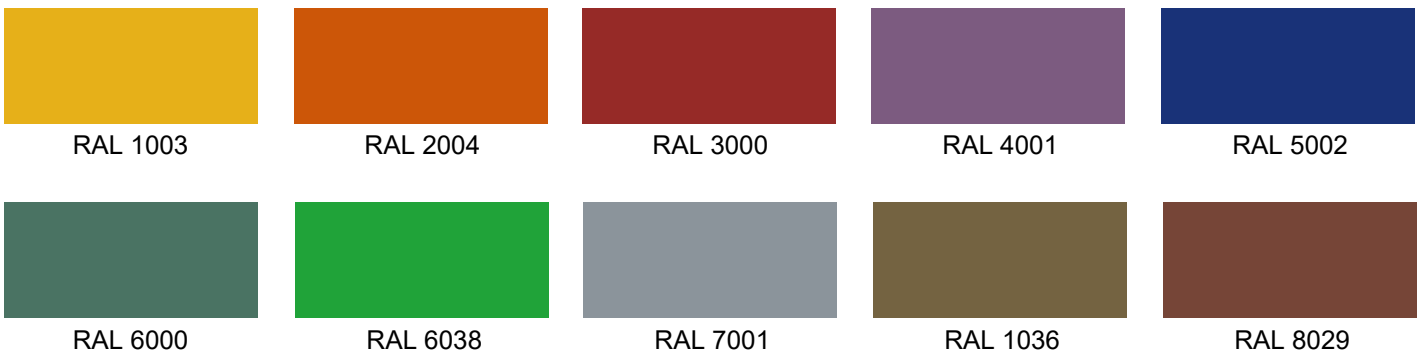
Project:	Type:
	Comments:

 Finish Details (powder coat finish)

 Standard Colors

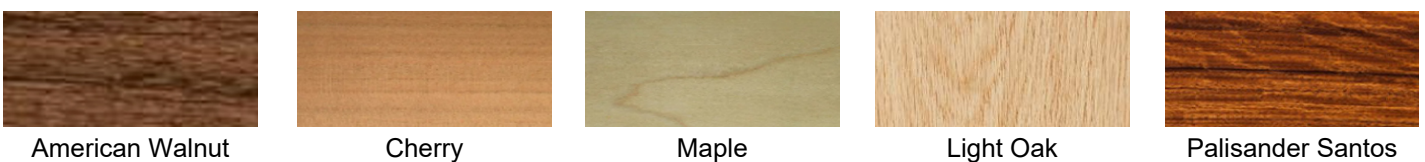


 Custom Colors



Any RAL color available, please refer to ralcolorchart.com

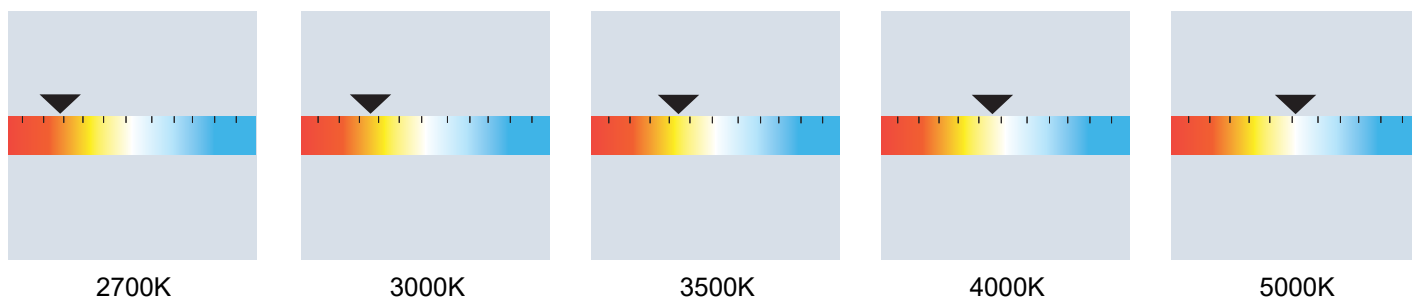
 Custom Wooden Colors



Project:	Type:
	Comments:

 Color Temperature

 Color Temperature



 Tunable White

