

Project:	Type:
	Comments:



Highlights

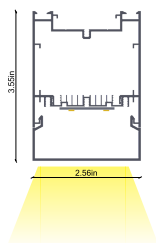
The Techoled BX series features specification-grade linear LED fixtures made from high-grade aluminum extrusions. Available in standard sizes from 2 to 8 feet, as well as custom lengths, recessed installation in variety of ceiling and materials. With virtually limitless options for creating patterns 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.

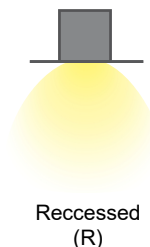
Optical: Direct illumination, multiple beam angles available (110° beam angle on solid lens), UGR<19

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.

Cross Section



Installation



Project:	Type:
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Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-BX-2U-R-D-2-LO-27-U-W	Direct	2'	Low	2700K	110-270V	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-2U-R		D	Direct	2	2'	LO	Low
				4	4'	ME	Medium
				6	6'	HI	High
				8	8'		
				C	Custom		
5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
27	2700K	U	110-277V	S	Silver	RP	Mud-in
30	3000K	HV	347V	W	White	TG	T Grid Universal
35	3500K			B	Black		
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	AWN	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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Lumen Output Details

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

Performance

Output	Lumens / W	Direct	
		W / ft	Lumens / ft
Low	100	5.8	580
Medium	100	9.0	900
High	100	11.5	1150

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Driver Option Details

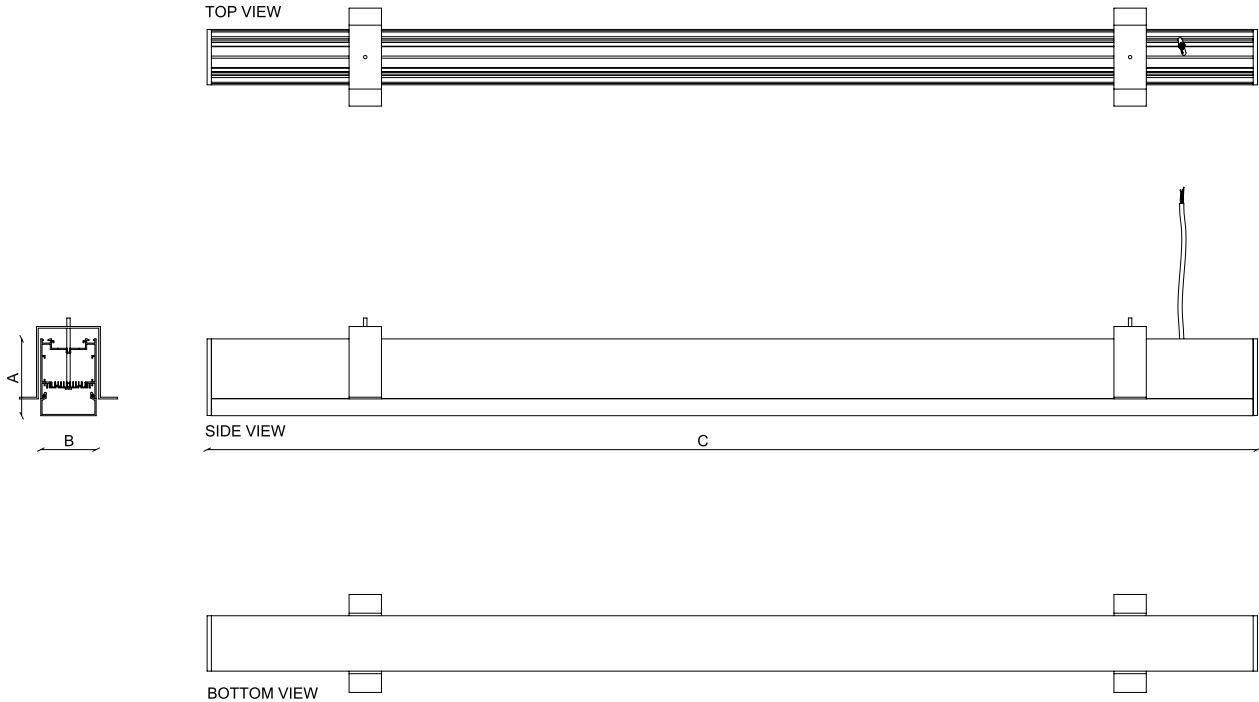
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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

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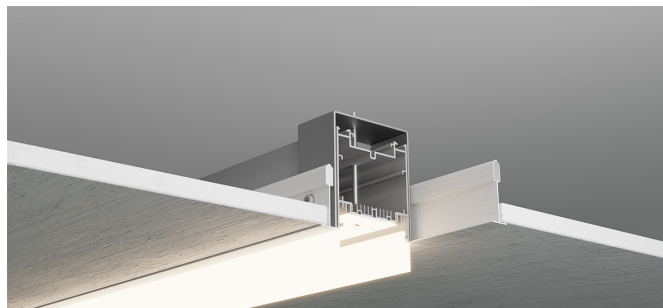
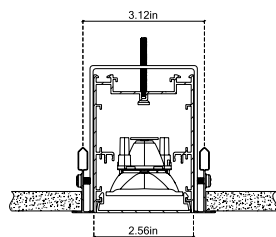
Dimension and Mounting - Direct Distribution (D)



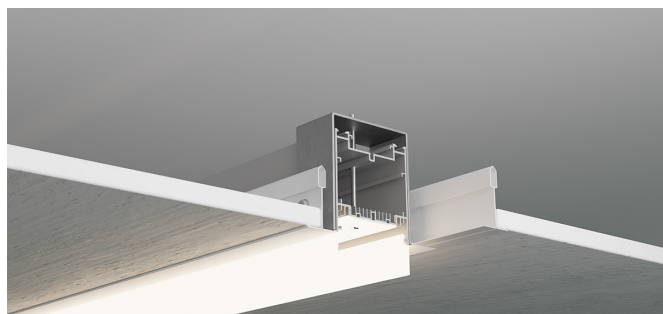
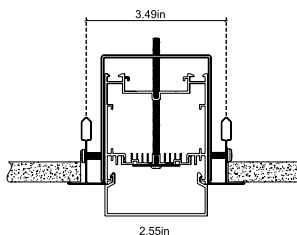
FIXTURE ID	A	B	C
BX-2U-R-D-2	3.5"	2.6"	24.2"
BX-2U-R-D-4	3.5"	2.6"	48"
BX-2U-R-D-6	3.5"	2.6"	71.7"
BX-2U-R-D-8	3.5"	2.6"	95.5"

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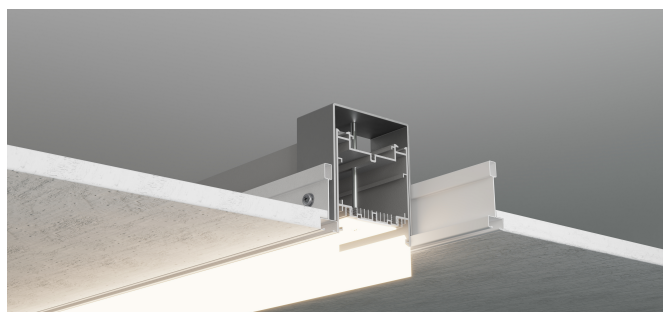
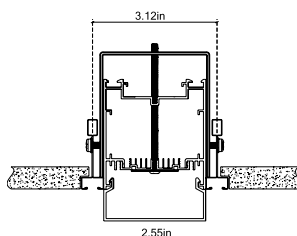
■ **Recessed - T Grid 9/16" (universal bracket)**



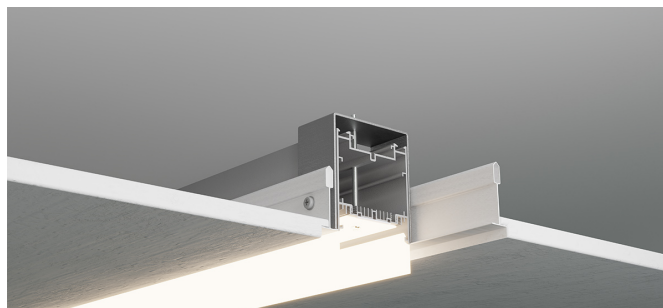
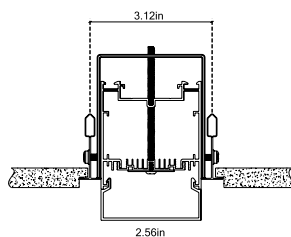
■ **Recessed - T Grid 15/16" (universal bracket)**



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

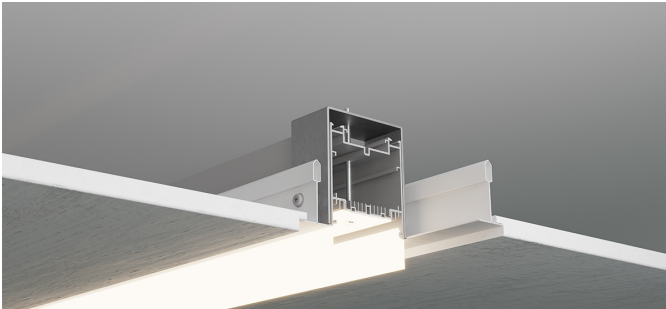
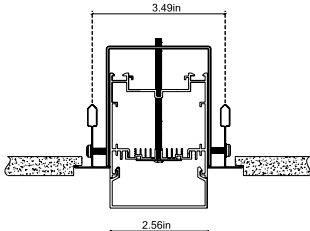


■ **Recessed - Tegular Grid 9/16" (universal bracket)**



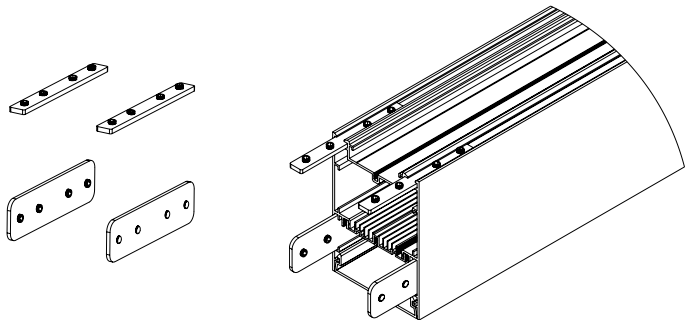
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■ Recessed - Tegular Grid 15/16" (universal bracket)



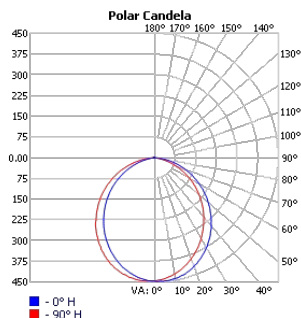
Project:	Type:
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Connectors

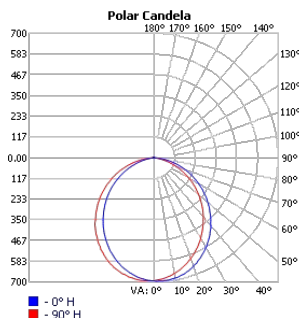


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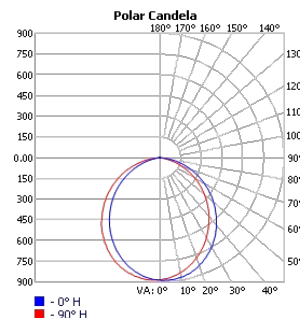
Photometrics



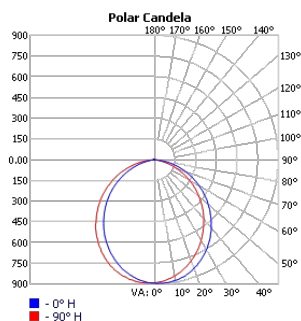
TECHOLED-BX-2U-R-D-2-LO-30



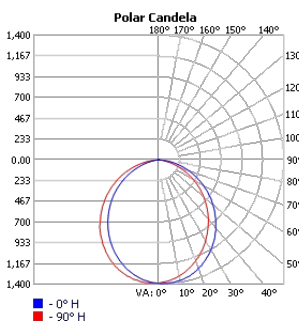
TECHOLED-BX-2U-R-D-2-ME-30



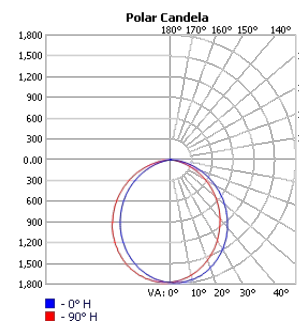
TECHOLED-BX-2U-R-D-2-HI-30



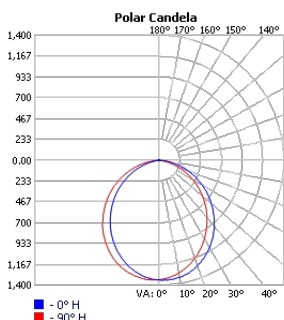
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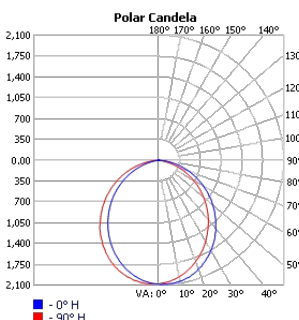
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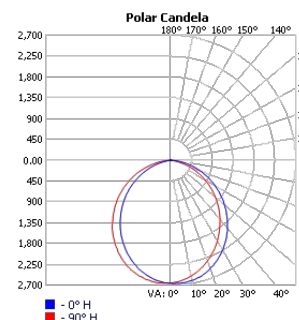
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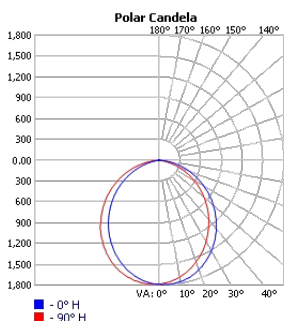
TECHOLED-BX-2U-R-D-6-LO-30



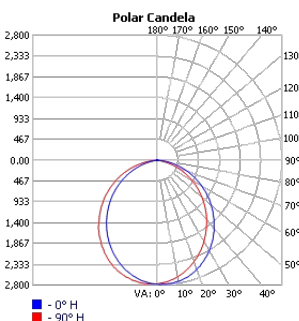
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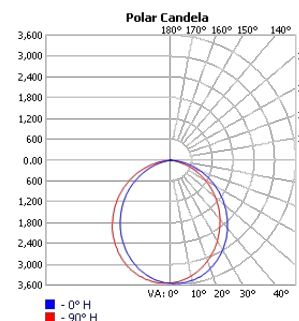
TECHOLED-BX-2U-R-D-6-HI-30



TECHOLED-BX-2U-R-D-8-LO-30



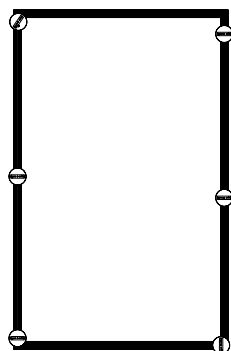
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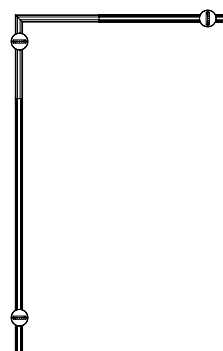
TECHOLED-BX-2U-R-D-8-HI-30

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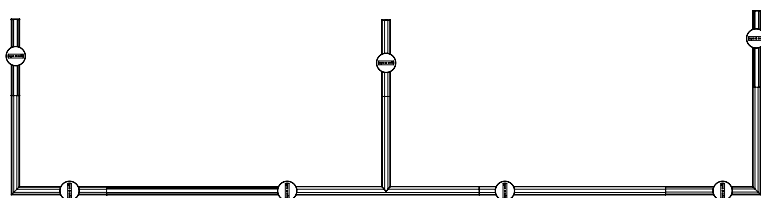
 Patterns Option Examples



Rectangle



L-Shape



Custom

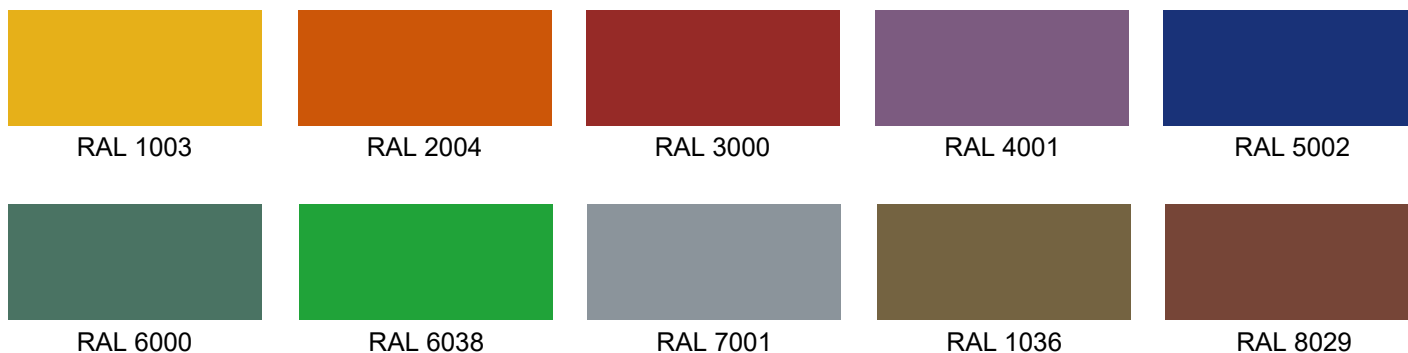
Project:	Type:
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 Finish Details (powder coat finish)

 Standard Colors

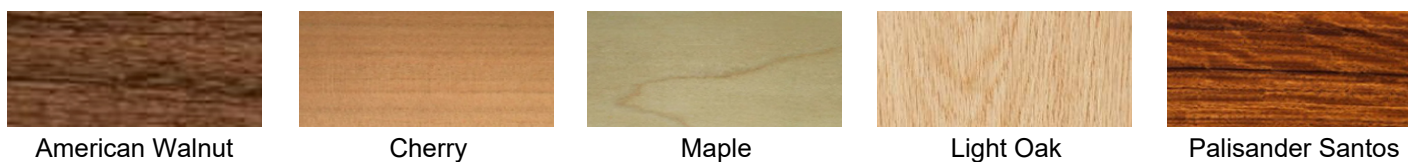


 Custom Colors



Any RAL color available, please refer to ralcolorchart.com

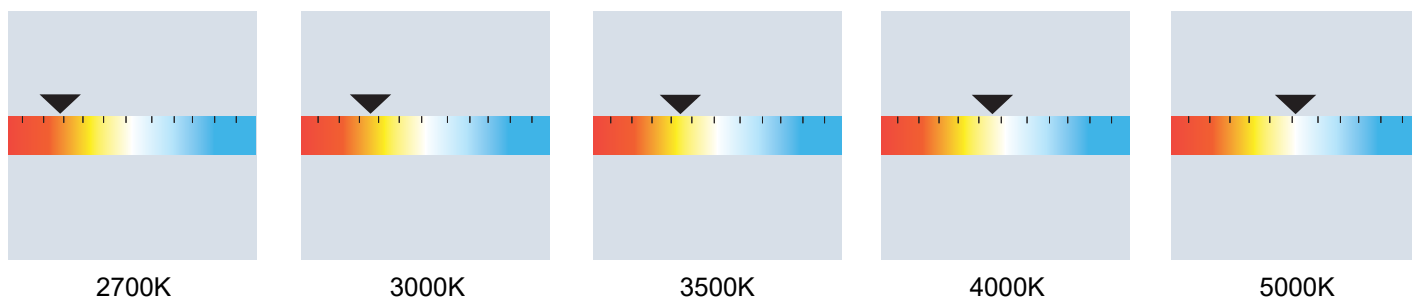
 Custom Wooden Colors



Project:	Type:
	Comments:

 Color Temperature

 Color Temperature



 Tunable White

