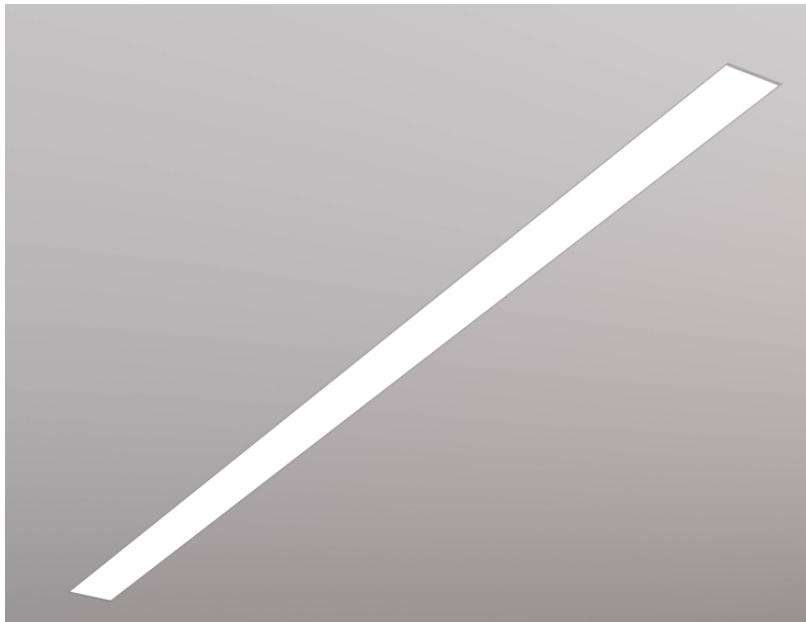


Project:	Type:
	Comments:



Highlights

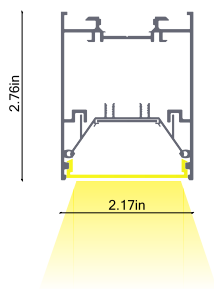
BX-2-R series is specification grade, architectural linear fixture, with virtually unlimited possibilities to create patterns, continuous runs and shapes. Recessed into drywall, wood or grid ceilings. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great and simple lighting solution for all modern interiors.

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

Optical: Direct illumination, 110° beam angle

Construction: High grade aluminum extrusion, die cast end caps, PMMA diffuser, integral driver, powder coat finish, X, T, L Lit corners available for smooth, seamless patterns, damp location listed, Chicago Plenum optional.

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Finish
TECHOLED-BX-2-R-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-2-R BX-2-R	D Direct	2 2'	LO Low
	DWW Direct, Wall Wash	4 4'	ME Medium
	BW Bat Wing	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	RW Wood
35 3500K		B Black	TG T Grid Universal
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	
	CP Chicago Plenum	
	X None	

Project:	Type:
	Comments:

Lumen Output Details

Model #	Length	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-BX-2-R-D-2-ME-30	2'	Medium	3000K	15W	1840Lm
TECHOLED-BX-2-R-D-2-HI-30	2'	High	3000K	20W	2520Lm
TECHOLED-BX-2-R-D-4-LO-30	4'	Low	3000K	23W	2880Lm
TECHOLED-BX-2-R-D-4-ME-30	4'	Medium	3000K	29W	3680Lm
TECHOLED-BX-2-R-D-4-HI-30	4'	High	3000K	40W	5040Lm
TECHOLED-BX-2-R-D-6-LO-30	6'	Low	3000K	34W	4320Lm
TECHOLED-BX-2-R-D-6-ME-30	6'	Medium	3000K	44W	5520Lm
TECHOLED-BX-2-R-D-6-HI-30	6'	High	3000K	60W	7560Lm
TECHOLED-BX-2-R-D-8-LO-30	8'	Low	3000K	46W	5760Lm
TECHOLED-BX-2-R-D-8-ME-30	8'	Medium	3000K	59W	7360Lm
TECHOLED-BX-2-R-D-8-HI-30	8'	High	3000K	80W	10800Lm

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	126	5.7	720
Medium	126	7.3	920
High	126	10	1260

Project:	Type:
	Comments:

Driver Option Details

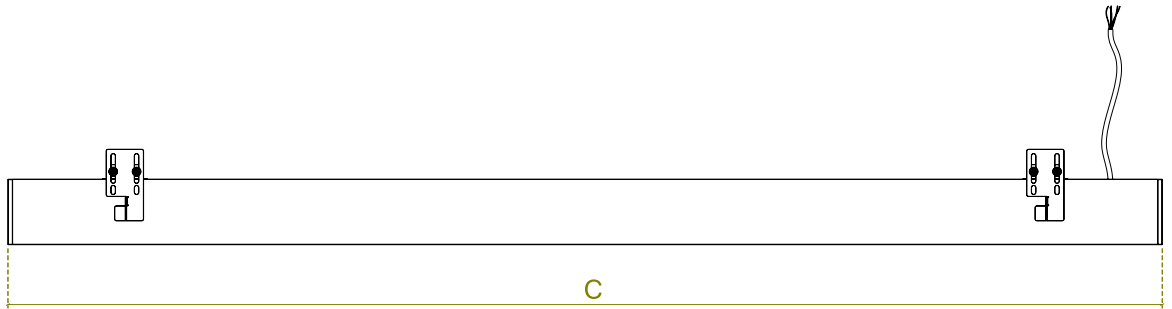
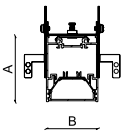
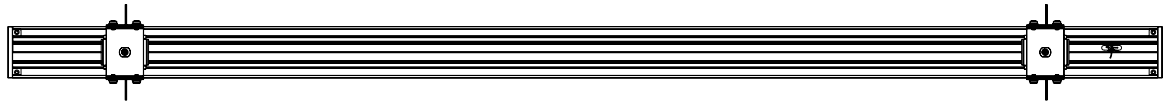
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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
AWN R	Lutron Athena wireless node
AWN S	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

Project:	Type:
	Comments:

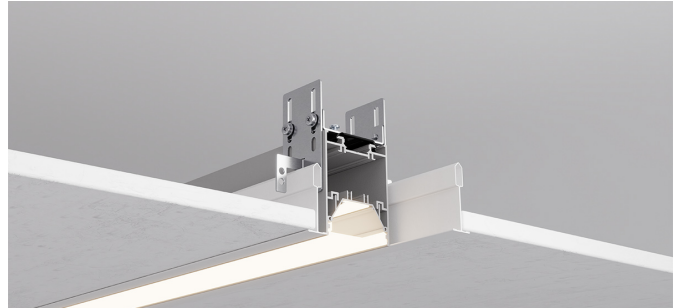
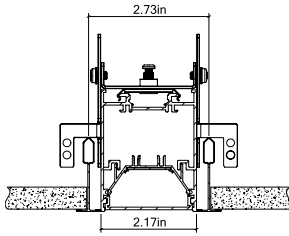
Dimension and Mounting - Direct Distribution (D)



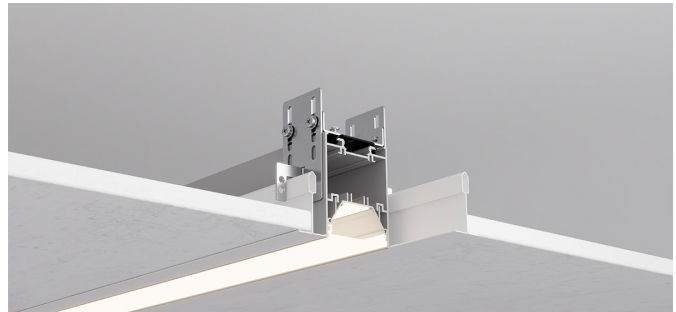
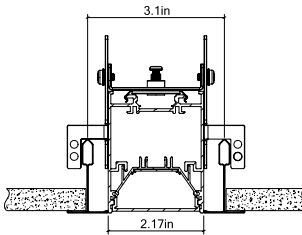
FIXTURE ID	A	B	C
BX-2-R-D-2	2.76"	2.17"	24.57"
BX-2-R-D-4	2.76"	2.17"	48.58"
BX-2-R-D-6	2.76"	2.17"	72.56"
BX-2-R-D-8	2.76"	2.17"	96.57"

Project:	Type:
	Comments:

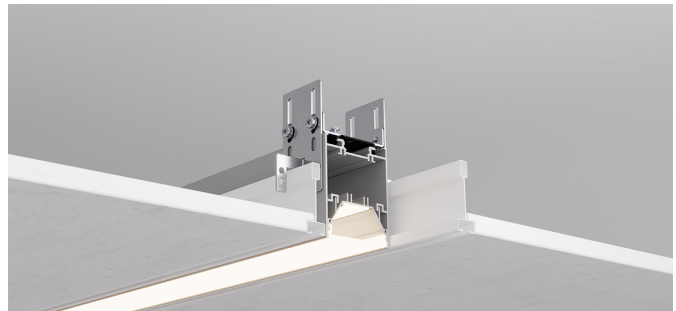
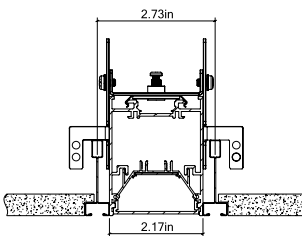
■ **Recessed - T Grid 9/16" (universal bracket)**



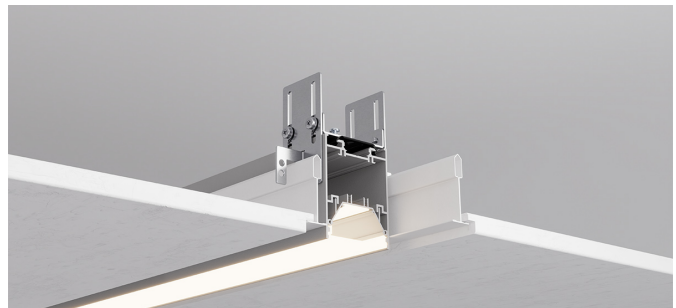
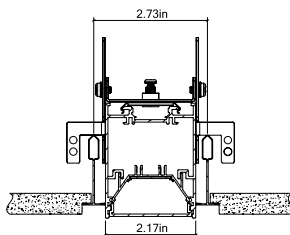
■ **Recessed - T Grid 15/16" (universal bracket)**



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

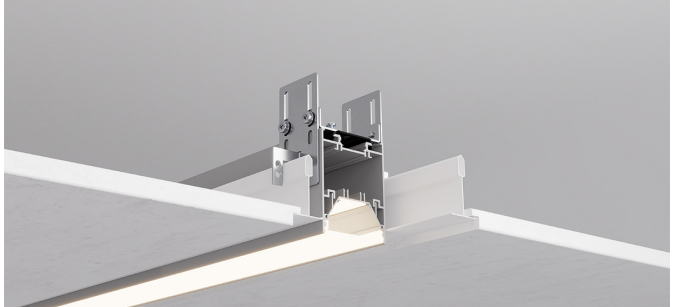
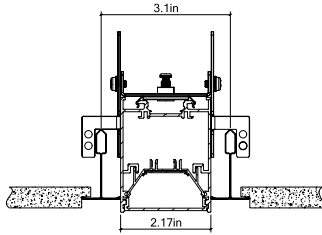


■ **Recessed - Tegular Grid 9/16" (universal bracket)**

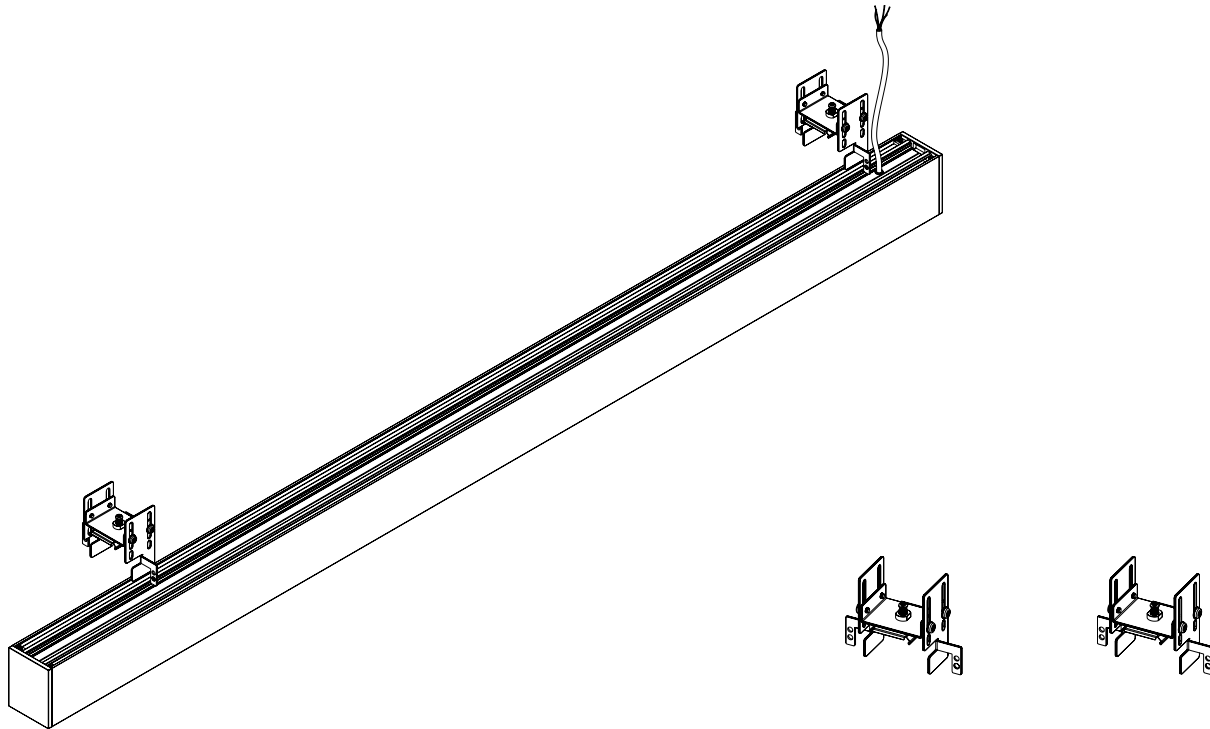


Project:	Type:
	Comments:

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

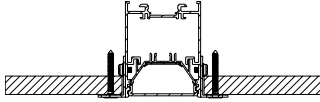


□ Recessed Mounting

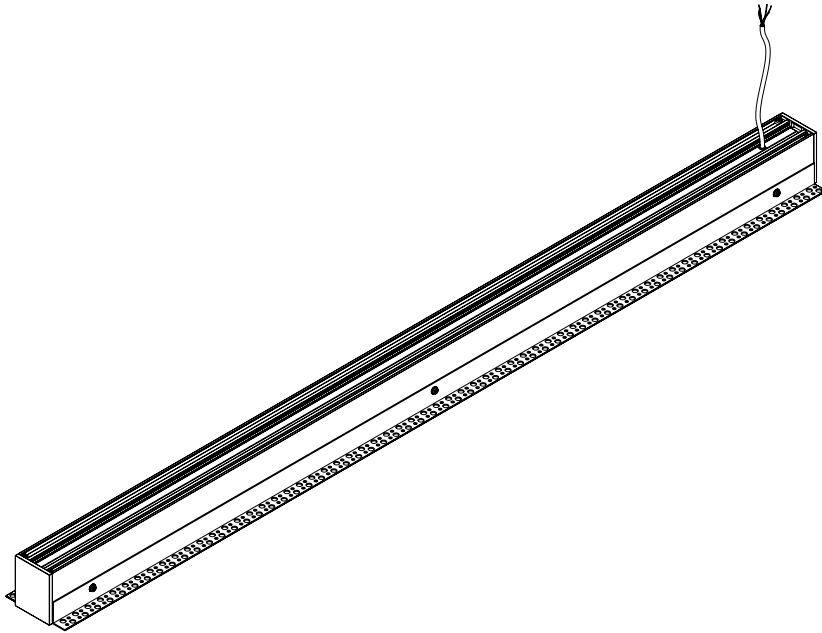
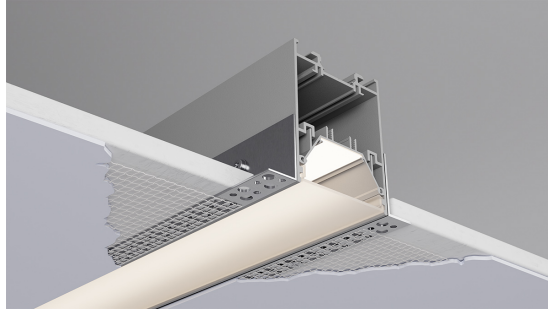


Project:	Type:
	Comments:

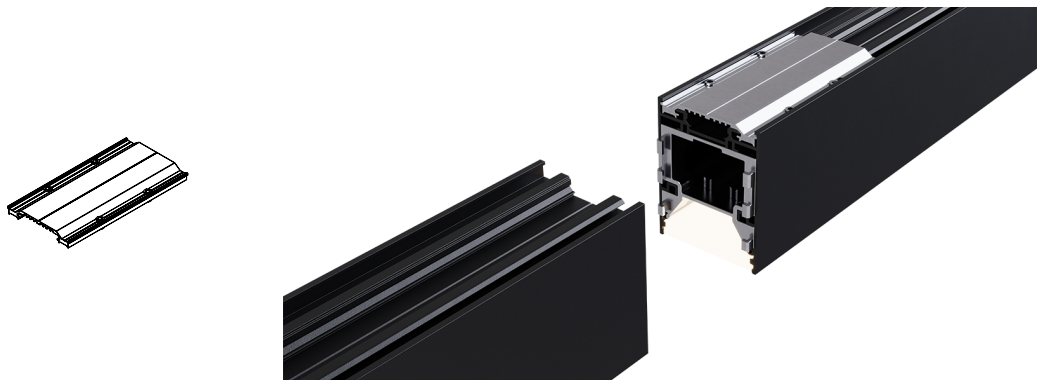
Recessed (mud-in)



Recessed (mud-in)

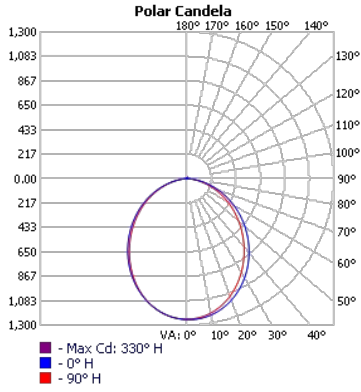


Connectors



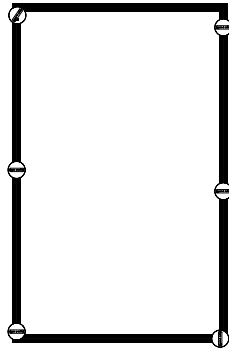
Project:	Type:
	Comments:

Photometrics

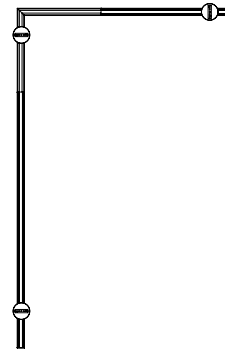


Direct

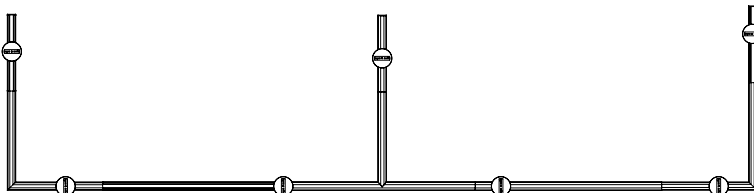
Patterns Option Examples



Rectangle



L-Shape



Custom

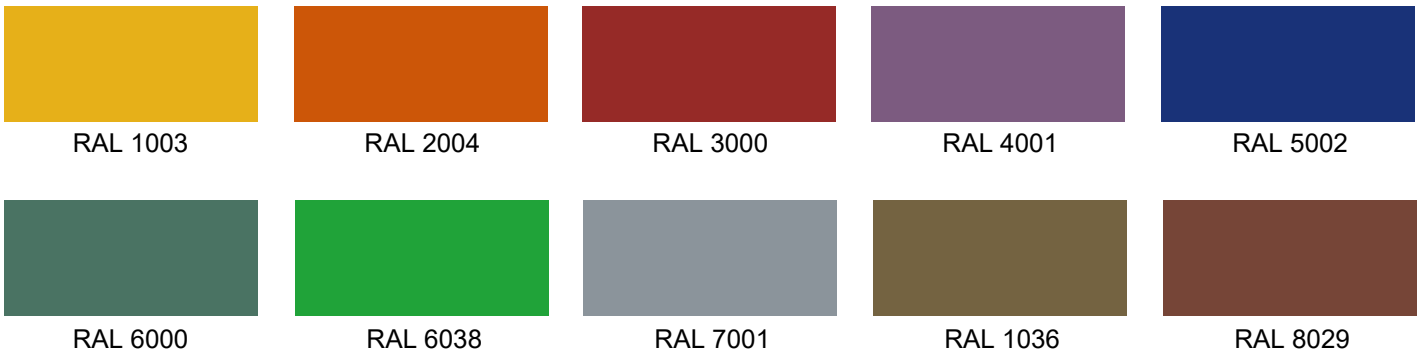
Project:	Type:
	Comments:

Finish Details (powder coat finish)

■ Standard Colors



■ Custom Colors



Any RAL color available, please refer to ralcolorchart.com

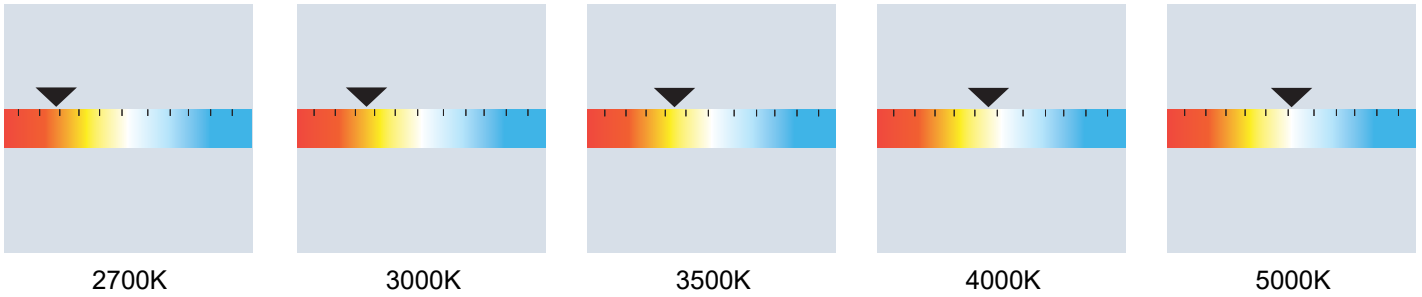
■ Custom Wooden Colors



Project:	Type:
	Comments:

Color Temperature

Color Temperature



Tunable White

