

Project:	Type:
	Comments:



### Highlights

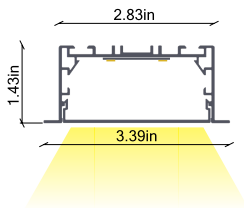
RF-4 series is specification grade, architectural linear fixture, with virtually unlimited possibilities to create patterns, continuous runs and shapes. Recessed into drywall, wood or grid ceilings. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great and simple lighting 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.

### Cross Section



### Installation



Project:	Type:
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### Configuration Example

Model #	Distribution	Length	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-RF-4-D-4-LO-27-U-W	Direct	4'	Low	2700K	100-277V	White

### Ordering Guide:

Select one option from each group below. For a custom preference please contact [sales@techoled.com](mailto:sales@techoled.com)

1-FIXTURE ID		2-DISTRIBUTION		3-LENGTH		4-LUMEN OUTPUT	
<b>RF-4</b>	RF-4	<b>D</b>	Direct	<b>4</b>	4'	<b>LO</b>	Low
		<b>DWW</b>	Direct, Wall Wash	<b>6</b>	6'	<b>ME</b>	Medium
				<b>8</b>	8'	<b>HI</b>	High
				<b>C</b>	Custom		

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
<b>27</b>	2700K	<b>U</b>	100-277V	<b>S</b>	Silver	<b>TC</b>	TC
<b>30</b>	3000K	<b>HV</b>	347V	<b>W</b>	White	<b>R</b>	Recessed
<b>35</b>	3500K			<b>B</b>	Black	<b>TG15</b>	TG15
<b>40</b>	4000K			<b>C</b>	Custom (RAL#)	<b>TG9</b>	TG9
<b>50</b>	5000K					<b>SG</b>	SG
<b>DT</b>	Lutron T-series						
<b>RGB</b>	RGB						
<b>RGBW</b>	RGBW						
<b>D</b>	Tunable White						

9-DRIVER OPTIONS		10-OPTIONS		11-OPTIONS (CONT.)	
<b>DM</b>	0-10V Dimming	<b>RF-D</b>	Remote Tunable (RF only)	<b>EM</b>	EM Battery (remote)
<b>2C</b>	2 Channel	<b>RF-R</b>	Remote RGB/W (RF only)	<b>X</b>	None
<b>DM1%</b>	1% Dimming	<b>M</b>	Motion Sensor (remote)		
<b>LT1</b>	LDE1 Lutron 1%	<b>BM</b>	BubblyNet BT Mesh		
<b>DA</b>	Dali	<b>CS</b>	Casambi		
<b>DMX</b>	DMX	<b>AWN</b>	Lutron Athena Node		
<b>TR</b>	Triac Dimming	<b>AWNS</b>	Lutron Athena Node sensor		
<b>RF</b>	RF Wireless	<b>NL-ES7</b>	nLight - Wired		
<b>X</b>	None	<b>NL-AIR</b>	nLight - AIR		
		<b>NL-M</b>	nLight - Module only		
		<b>X</b>	None		

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### Lumen Output Details

Model #	Length	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-RF-4-D-4-LO-30	4'	Low	3000K	23W	2200Lm
TECHOLED-RF-4-D-4-ME-30	4'	Medium	3000K	32W	3280Lm
TECHOLED-RF-4-D-4-HI-30	4'	High	3000K	40W	3800Lm
TECHOLED-RF-4-D-6-LO-30	6'	Low	3000K	34W	3300Lm
TECHOLED-RF-4-D-6-ME-30	6'	Medium	3000K	51W	4920Lm
TECHOLED-RF-4-D-6-HI-30	6'	High	3000K	60W	5700Lm
TECHOLED-RF-4-D-8-LO-30	8'	Low	3000K	46W	4400Lm
TECHOLED-RF-4-D-8-ME-30	8'	Medium	3000K	68W	6560Lm
TECHOLED-RF-4-D-8-HI-30	8'	High	3000K	79W	7600Lm

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

### Performance

Output	Lumens / W	W / ft	Lumens / ft
Low	96	5.7	550
Medium	96	8.5	820
High	96	9.9	950

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### Driver Option Details

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

### Controls Details

Code	Description
RF-D	<b>RF Wireless</b> remote controller for tunable white. <b>Default for tunable white.</b>
RF-R	<b>RF Wireless</b> remote controller for RGB & RGBW. <b>Default for RGB &amp; RGBW.</b>
M	<b>Motion Sensor</b> - remote, for integral sensor consult factory
BM	<b>Bluetooth Mesh</b> Smart Wireless Control by BubblyNet
CS	<b>Bluetooth Mesh</b> Smart Wireless Control by Casambi
AWNDR	<b>Lutron Athena</b> wireless node
AWNS	<b>Lutron Athena</b> wireless node with sensor
NL-ES7	<b>Acuity nLight</b> - Wired nES7 sensor
NL-AIR	<b>Acuity nLight</b> - AIR wireless rES7 sensor
NL-M	<b>Acuity nLight</b> - ready, sensor by others

### Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

### Mounting Details

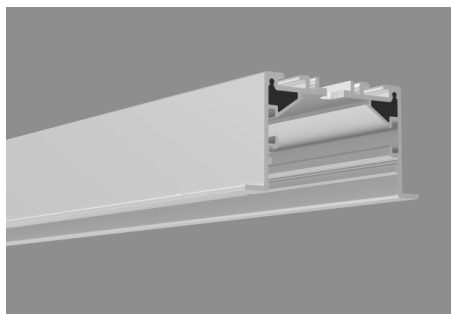
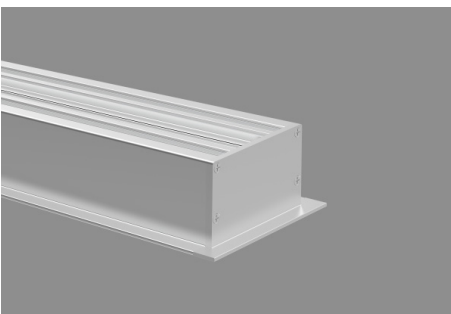
Code	Description
TC	Recessed - Torsion Clips
R	Recessed
TG15	15/16" T Grid
TG9	9/16" T Grid
SG	Slot Grid

Project:	Type:
	Comments:

### Dimension and Mounting

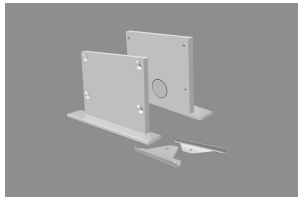
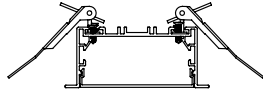


FIXTURE ID	A	B	C	D	E	F
RF-4-D-4	1.42"	2.83"	48.86"	48.31"	48.07"	3.39"
RF-4-D-6	1.42"	2.83"	72.83"	72.28"	72.05"	3.39"
RF-4-D-8	1.42"	2.83"	96.85"	96.30"	96.06"	3.39"

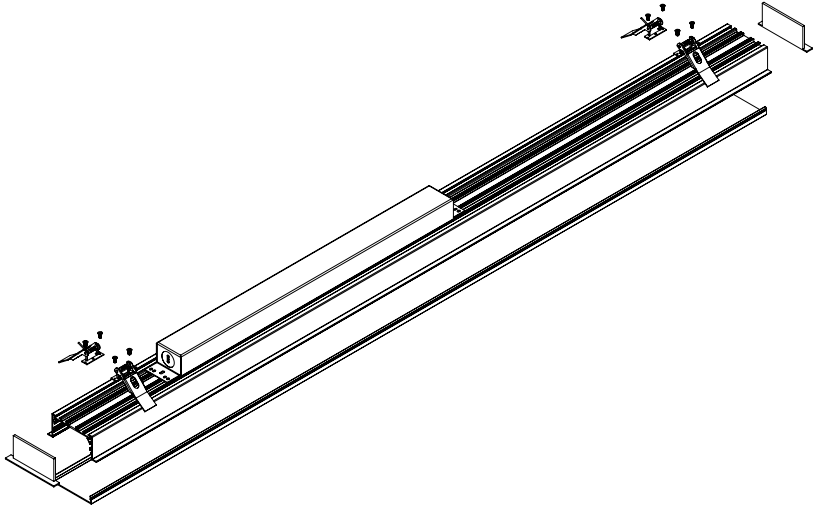


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	Comments:

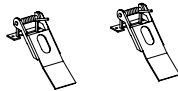
### ■ Recessed – Torsion Clips



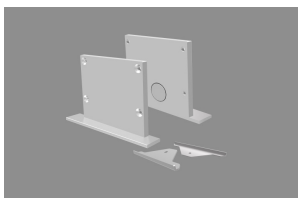
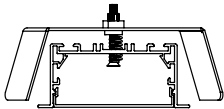
End Cap detail



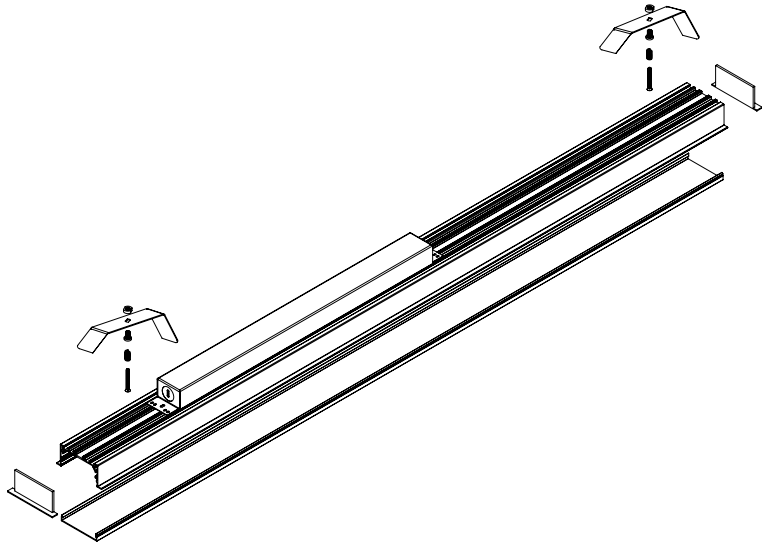
### ■ Recessed Torsion Clips Kit



### ■ Recessed



End Cap detail

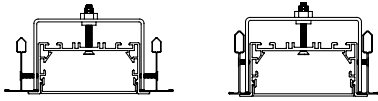


### ■ Recessed Kit



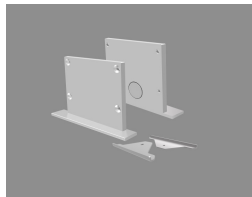
Project:	Type:
	Comments:

### ■ Recessed in T Grid Ceiling

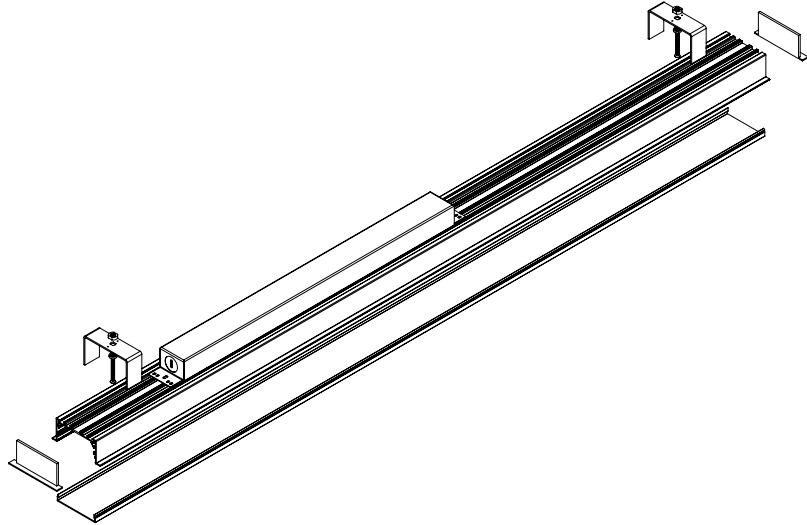


15/16" T-Grid

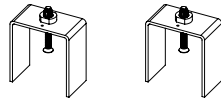
9/16" T-Grid



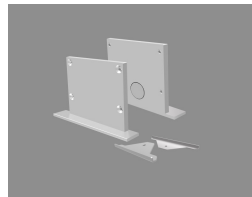
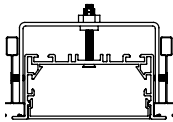
End Cap detail



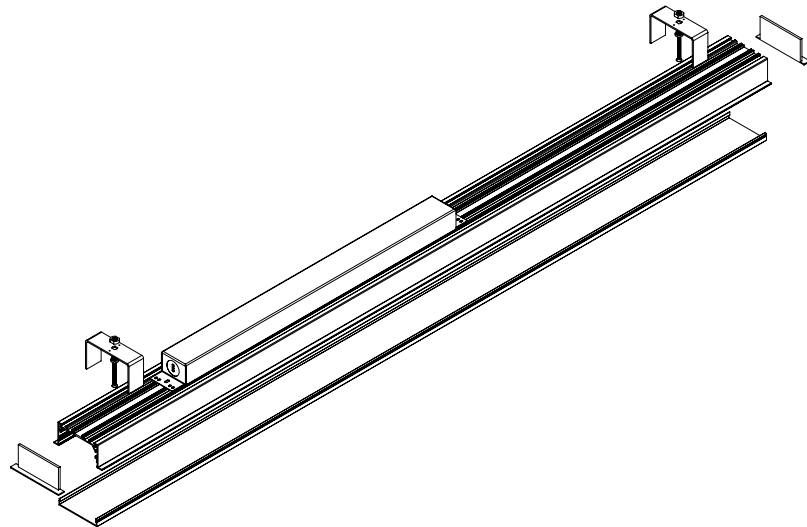
### ■ Recessed in T Grid Ceiling



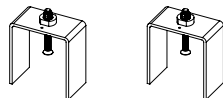
### ■ Recessed in Slot Grid



End Cap detail

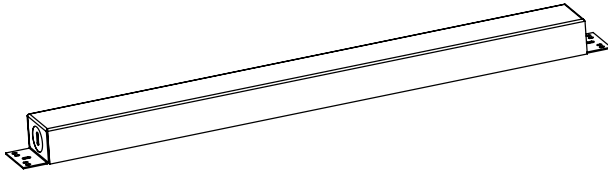
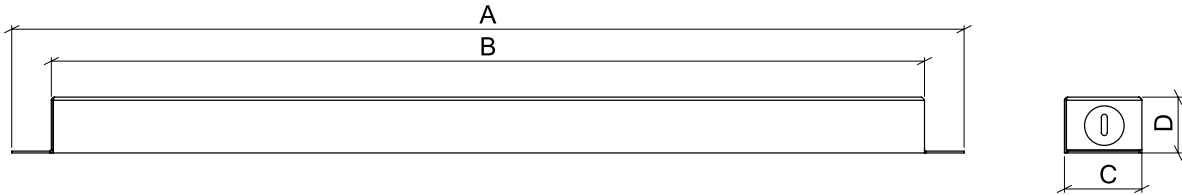


### ■ Recessed Kit



Project:	Type:
	Comments:

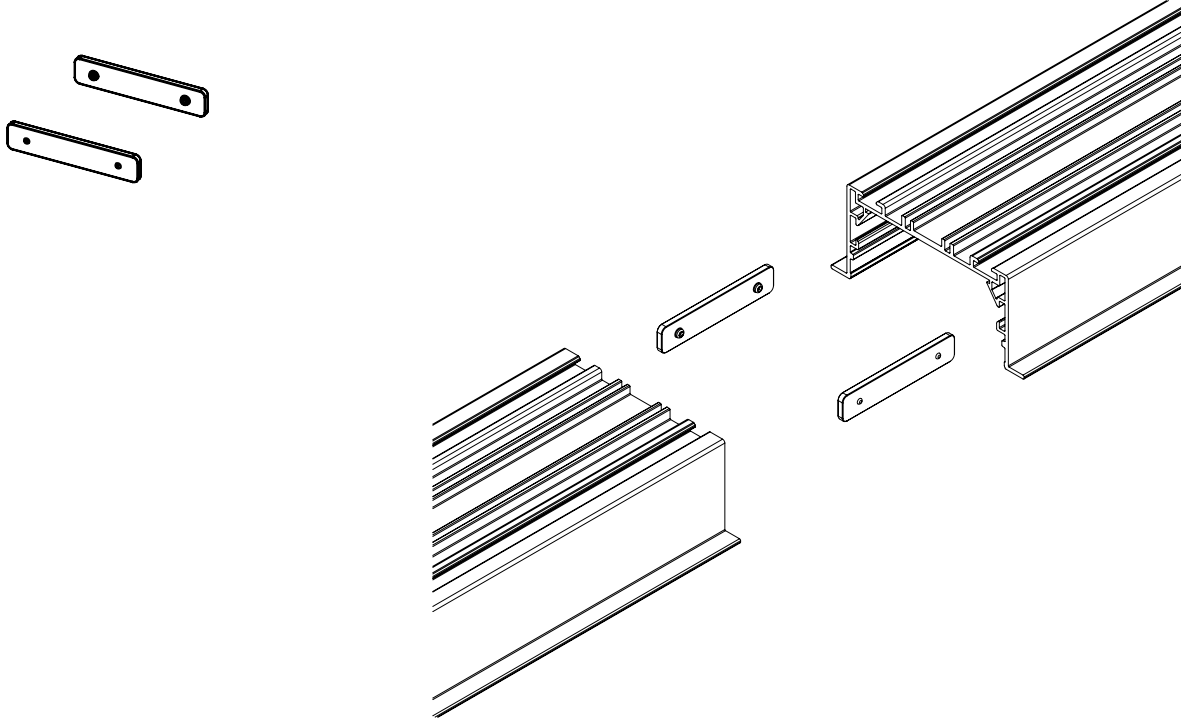
■ **Driver Box**



A	B	C	D
20.83"	19.1"	1.69"	1.22"

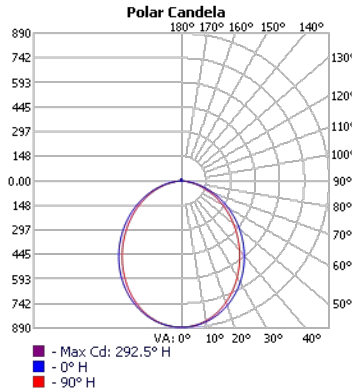
Project:	Type:
	Comments:

### Connectors

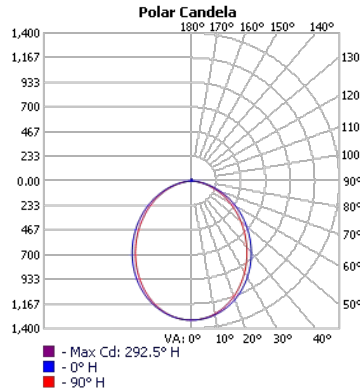


Project:	Type:
	Comments:

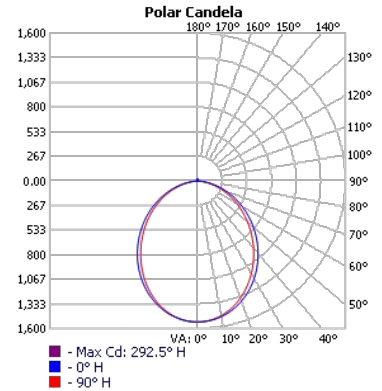
### Photometrics



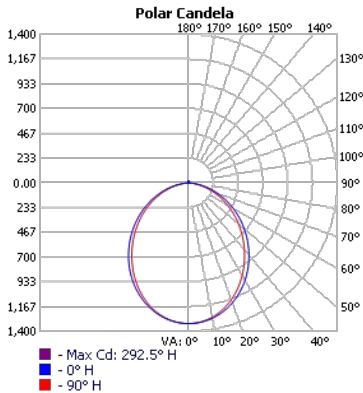
TECHOLED-RF-4-D-4-LO-30



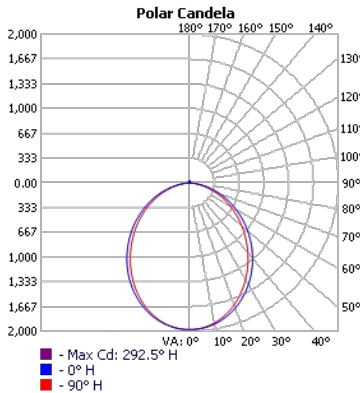
TECHOLED-RF-4-D-4-ME-30



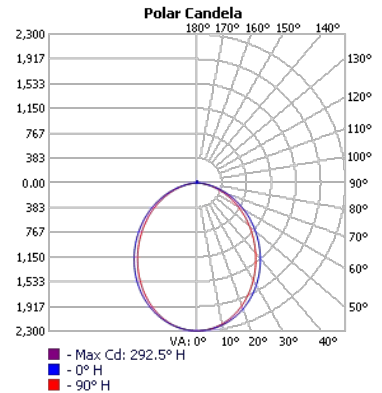
TECHOLED-RF-4-D-4-HI-30



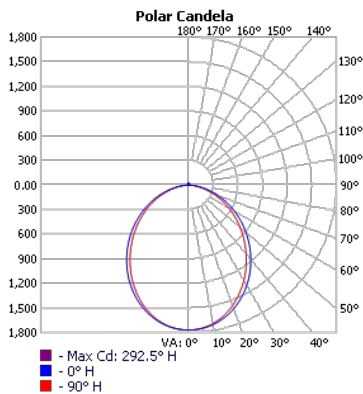
TECHOLED-RF-4-D-6-LO-30



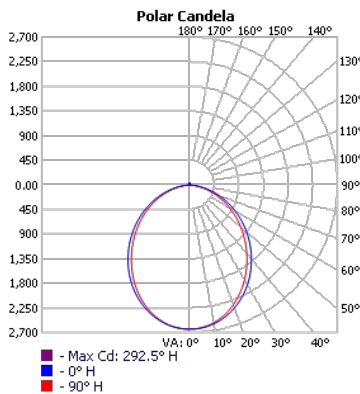
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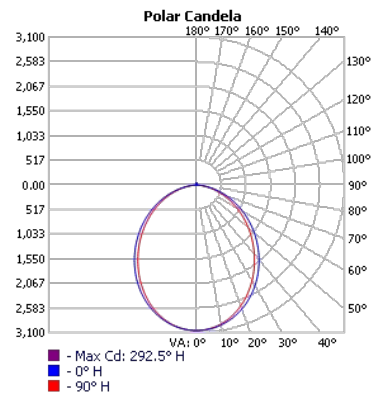
TECHOLED-RF-4-D-6-HI-30



TECHOLED-RF-4-D-8-LO-30



TECHOLED-RF-4-D-8-ME-30



TECHOLED-RF-4-D-8-HI-30

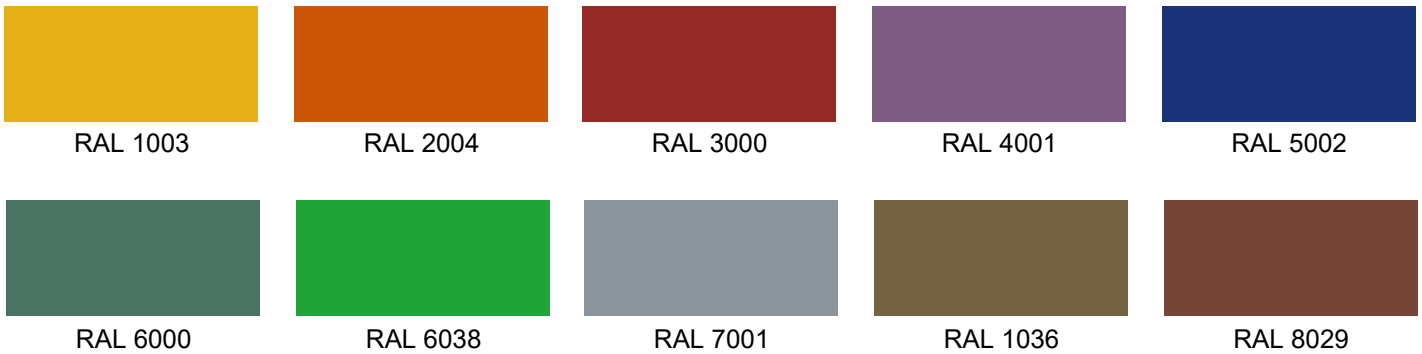
Project:	Type:
	Comments:

### Finish Details (powder coat finish)

#### ■ Standard Colors

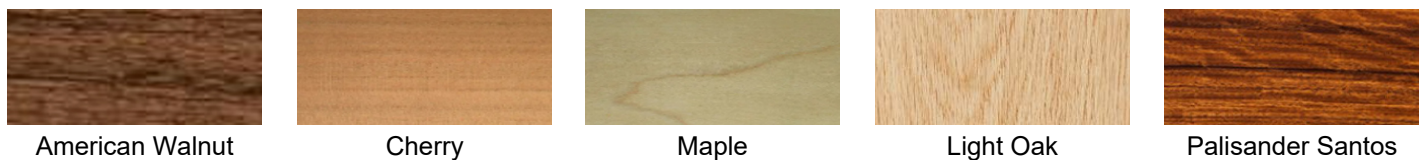


#### ■ Custom Colors



Any RAL color available, please refer to [ralcolorchart.com](http://ralcolorchart.com)

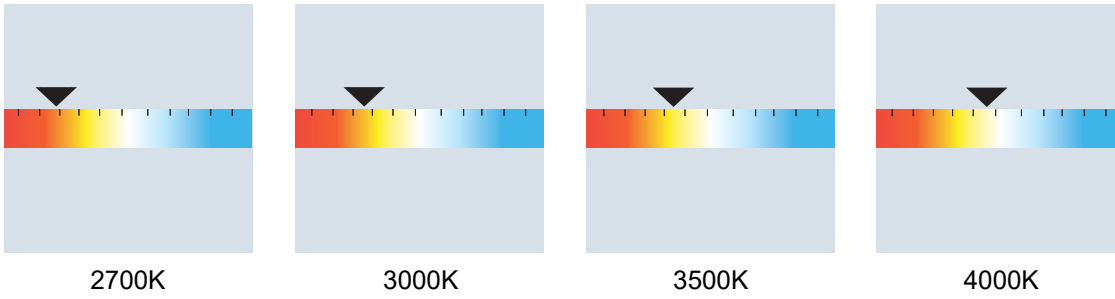
#### ■ Custom Wooden Colors



Project:	Type:
	Comments:

### Color Temperature

#### Color Temperature



#### Tunable White

