

Project:	Type:
	Comments:



Highlights

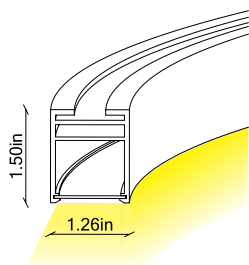
The TechoLED IP HALO series features sleek, round, outdoor LED luminaires made with slim, high-grade aluminum extrusion. With diameters ranging from 2 feet to almost 17 feet (or custom sizes of your choice), these luminaires can be surface mounted or pendant-style. Additionally, the HALO series offers the flexibility of multiple fixtures hanging from a single canopy. A superb lighting solution for all modern exteriors.

LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

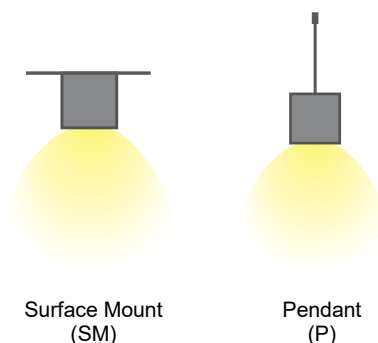
Optical: Direct illumination, 120° beam angle

Construction: Wet location listed – IP65 rated. High grade aluminum extrusion, PC diffuser, remote driver (inside canopy), powder coat finish, custom finishes available

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Diameter	Output	Color Temp.	Voltage	Color
TECHOLED-IP-HALO-D-23-ME-30-U-W	23.6"	Medium	3000K	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-DIAMETER	4-LUMEN OUTPUT
IP-HALO	D Direct	23 23.6" 35 35.4" 47 47.2" 59 59.1" 78 78.7" 95 94.5" 118 118.1" 196 196.9"	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 DL Lutron Tunable White RGB RGB RGBW RGBW D Tunable White	U 110-277V HV 347V	S Silver W White B Black C Custom (RAL#)	P Pendant SM Surface Mount

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 X None	EM EM Battery (remote) X None

Project:	Type:
	Comments:

Lumen Output Details

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-IP-HALO-D-23-LO-30	23.6"	Low	3000K	20W	1400Lm
TECHOLED-IP-HALO-D-23-ME-30	23.6"	Medium	3000K	32W	2240Lm
TECHOLED-IP-HALO-D-23-HI-30	23.6"	High	3000K	40W	2800Lm
TECHOLED-IP-HALO-D-35-LO-30	35.4"	Low	3000K	30W	2100Lm
TECHOLED-IP-HALO-D-35-ME-30	35.4"	Medium	3000K	50W	3500Lm
TECHOLED-IP-HALO-D-35-HI-30	35.4"	High	3000K	60W	4200Lm
TECHOLED-IP-HALO-D-47-LO-30	47.2"	Low	3000K	40W	2800Lm
TECHOLED-IP-HALO-D-47-ME-30	47.2"	Medium	3000K	65W	4550Lm
TECHOLED-IP-HALO-D-47-HI-30	47.2"	High	3000K	80W	5600Lm
TECHOLED-IP-HALO-D-59-LO-30	59.1"	Low	3000K	50W	3500Lm
TECHOLED-IP-HALO-D-59-ME-30	59.1"	Medium	3000K	80W	5600Lm
TECHOLED-IP-HALO-D-59-HI-30	59.1"	High	3000K	100W	7000Lm
TECHOLED-IP-HALO-D-78-LO-30	78.76"	Low	3000K	65W	4550Lm
TECHOLED-IP-HALO-D-78-ME-30	78.76"	Medium	3000K	110W	7700Lm
TECHOLED-IP-HALO-D-78-HI-30	78.76"	High	3000K	125W	8750Lm
TECHOLED-IP-HALO-D-95-LO-30	94.5"	Low	3000K	80W	5600Lm
TECHOLED-IP-HALO-D-95-ME-30	94.5"	Medium	3000K	140W	9800Lm
TECHOLED-IP-HALO-D-95-HI-30	94.5"	High	3000K	160W	11200Lm
TECHOLED-IP-HALO-D-118-LO-30	118.1"	Low	3000K	100W	7000Lm
TECHOLED-IP-HALO-D-118-ME-30	118.1"	Medium	3000K	170W	11900Lm
TECHOLED-IP-HALO-D-118-HI-30	118.1"	High	3000K	190W	13300Lm
TECHOLED-IP-HALO-D-196-LO-30	196.9"	Low	3000K	160W	11200Lm
TECHOLED-IP-HALO-D-196-ME-30	196.9"	Medium	3000K	280W	19600Lm
TECHOLED-IP-HALO-D-196-HI-30	196.9"	High	3000K	320W	22400Lm

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

Performance

Output	Lumens / W
Low	70
Medium	70
High	70

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
AWNRR	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

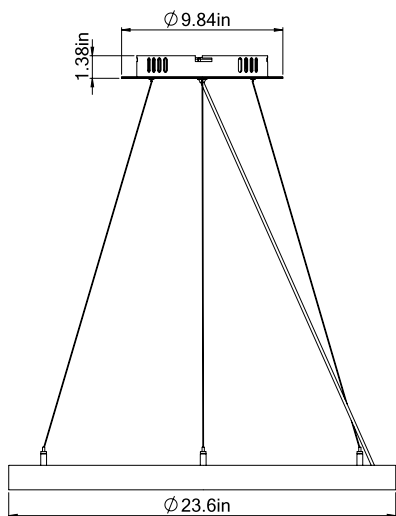
Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

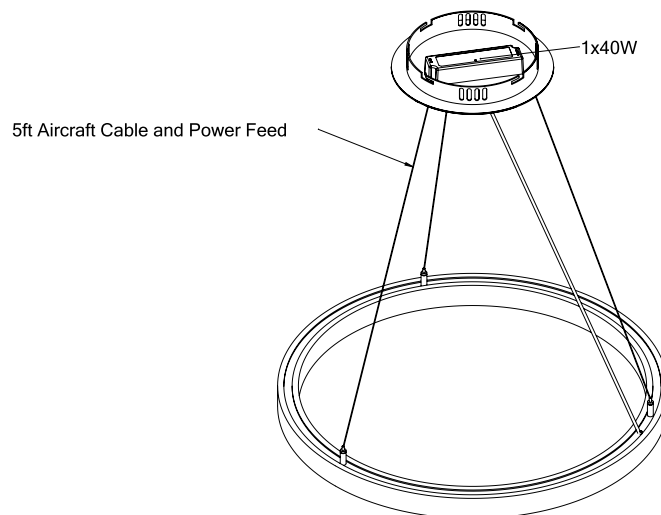
Project:	Type:
	Comments:

Dimension and Mounting

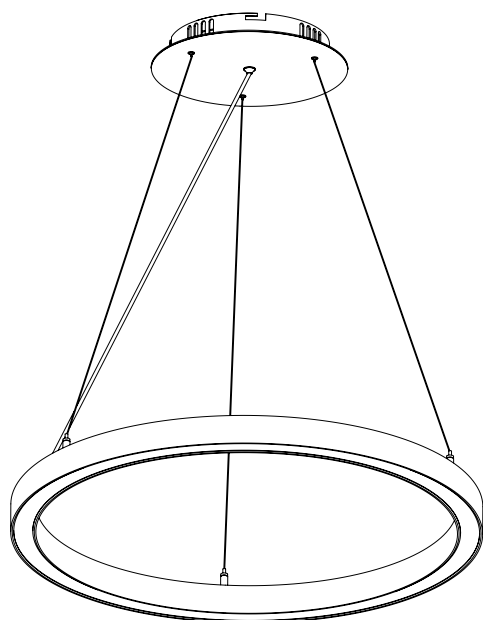
IP HALO Direct 23



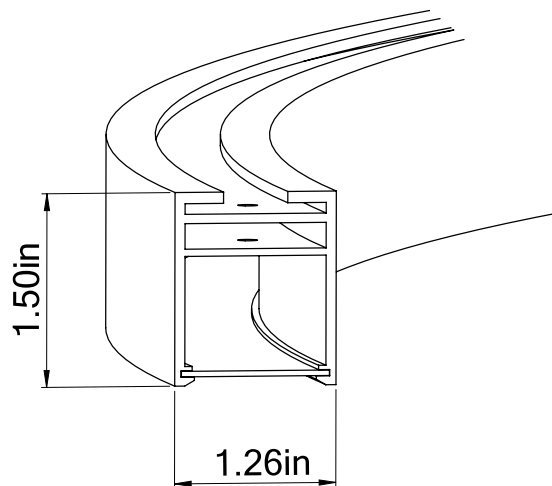
Dimensions



Technical Details



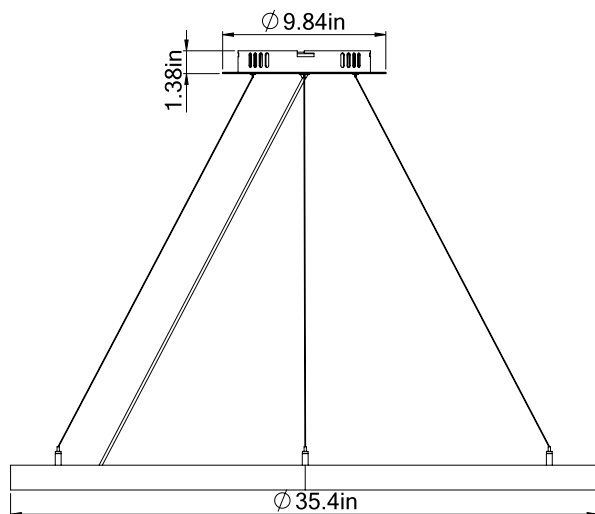
Central Mounting – Pendant



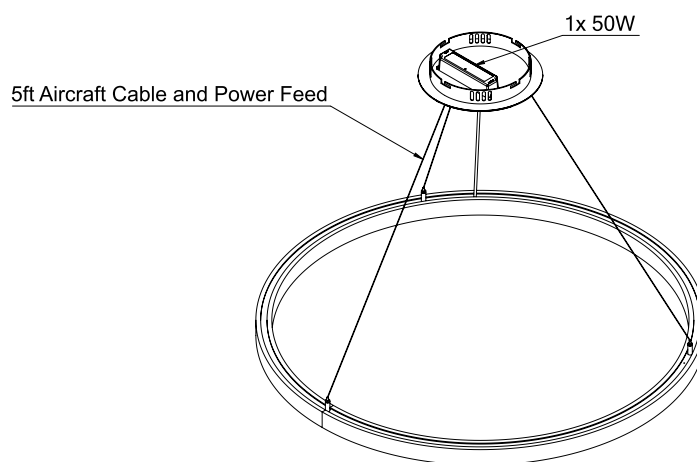
Cross Section

Project:	Type:
	Comments:

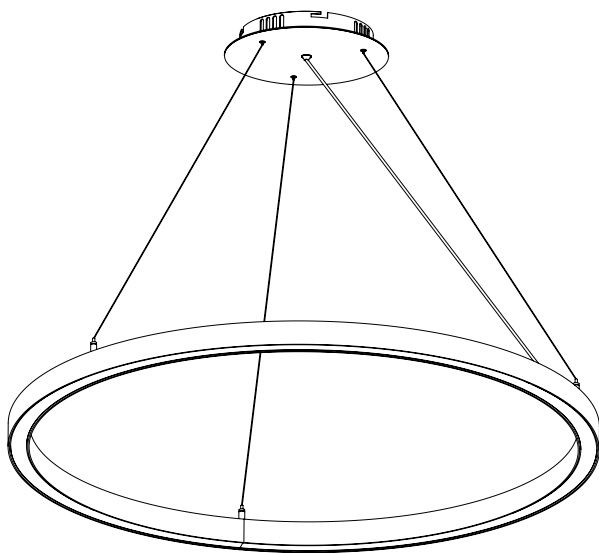
■ **IP HALO Direct 35**



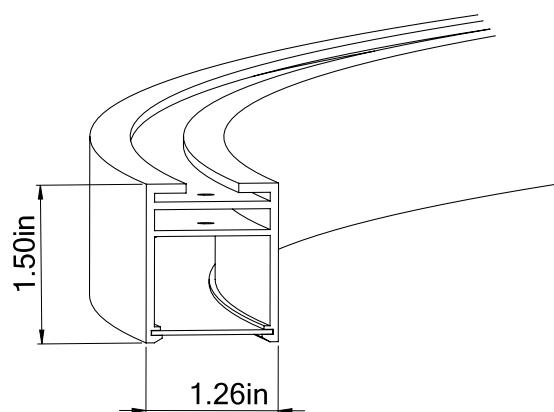
Dimensions



Technical Details



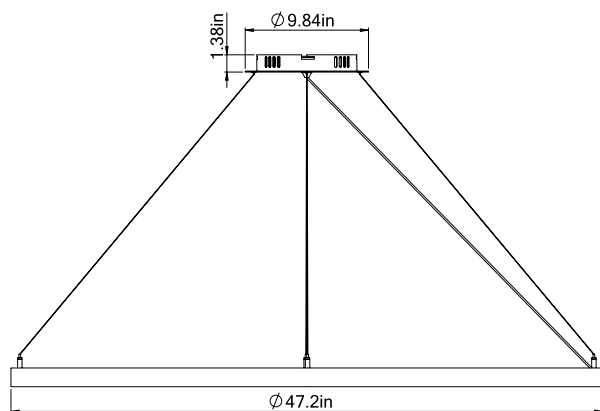
Central Mounting – Pendant



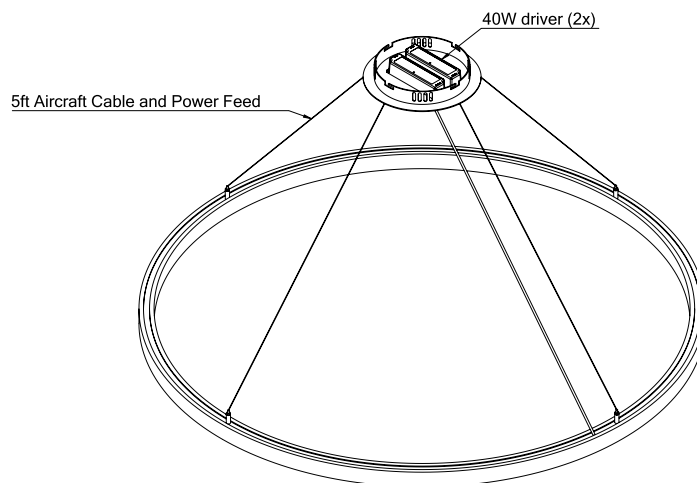
Cross Section

Project:	Type:
	Comments:

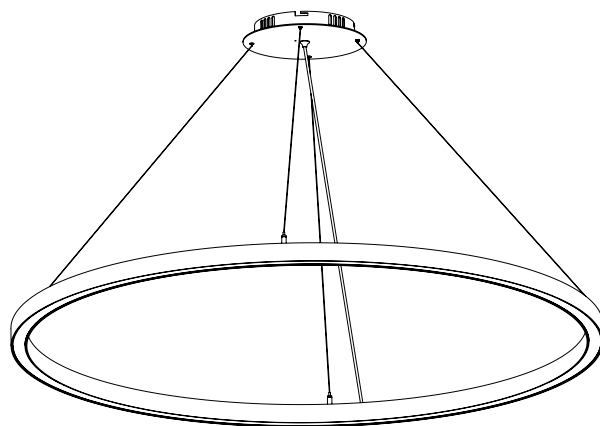
■ **IP HALO Direct 47**



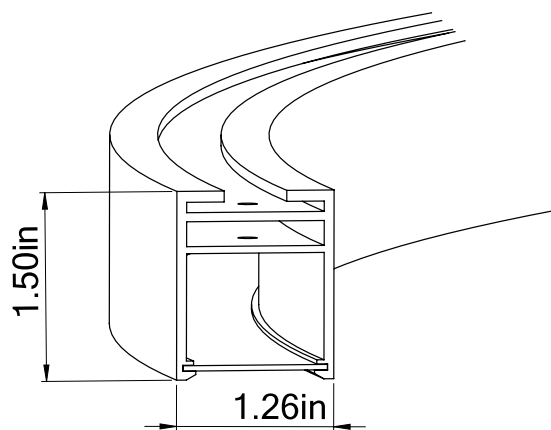
Dimensions



Technical Details



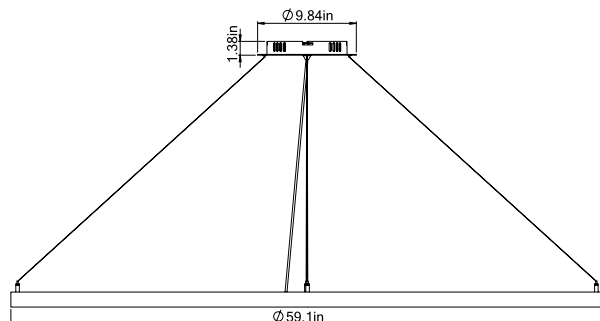
Central Mounting – Pendant



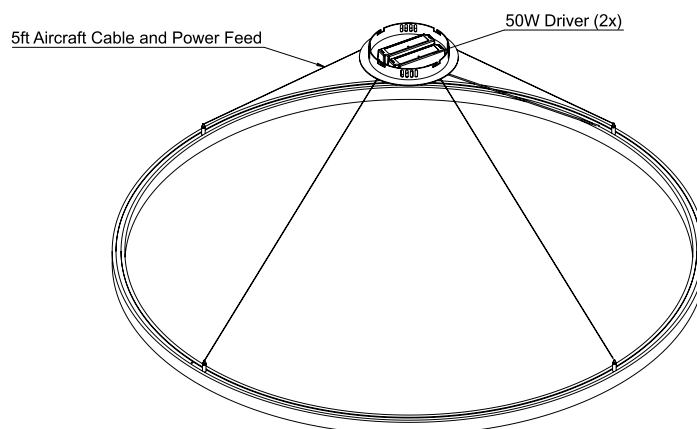
Cross Section

Project:	Type:
	Comments:

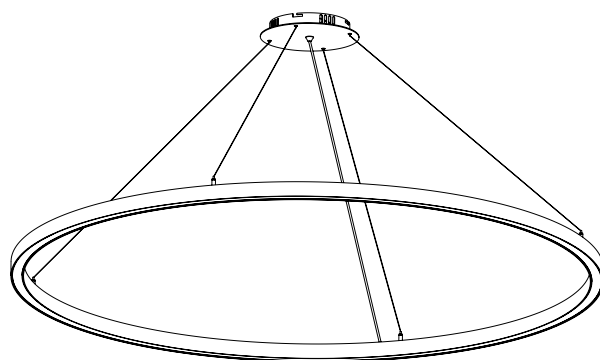
■ **IP HALO Direct 59**



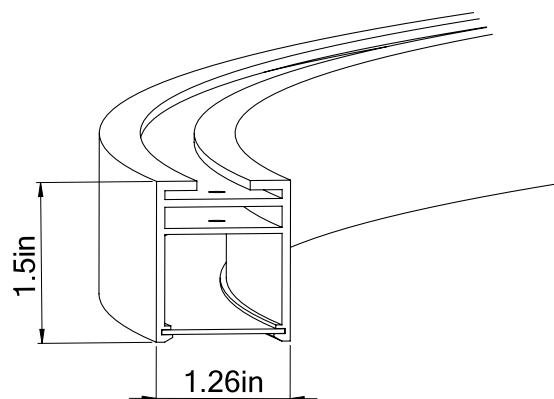
Dimensions



Technical Details



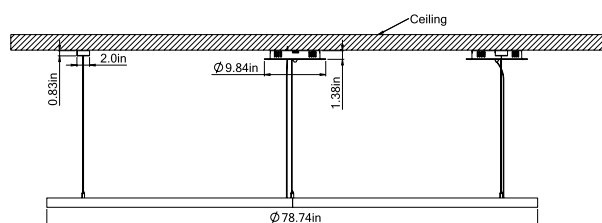
Central Mounting – Pendant



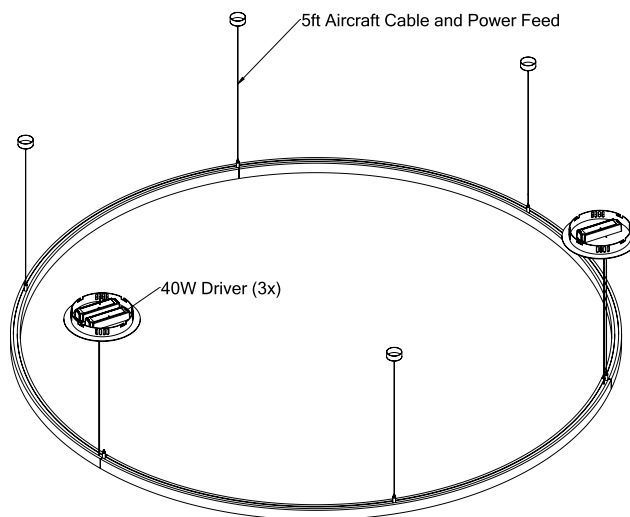
Cross Section

Project:	Type:
	Comments:

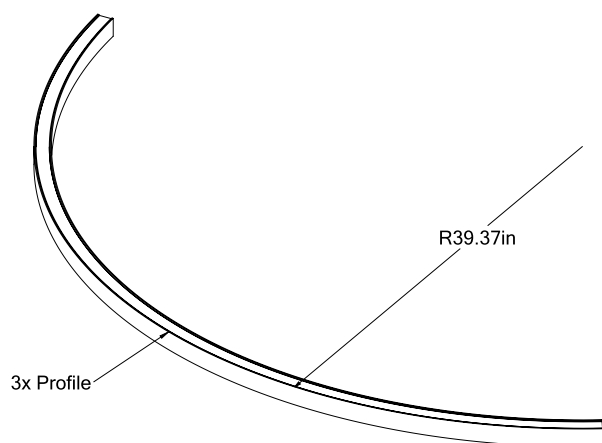
■ **IP HALO Direct 78**



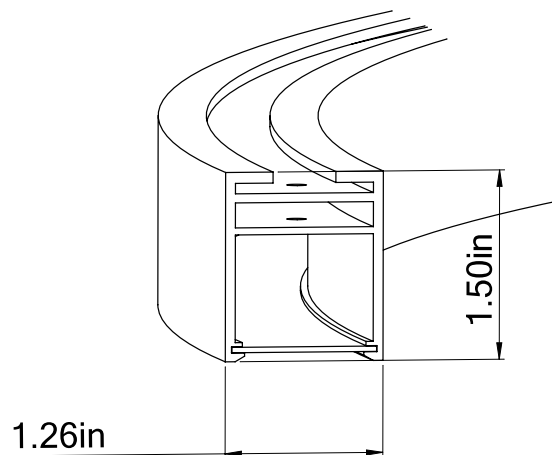
Dimensions



Technical Details



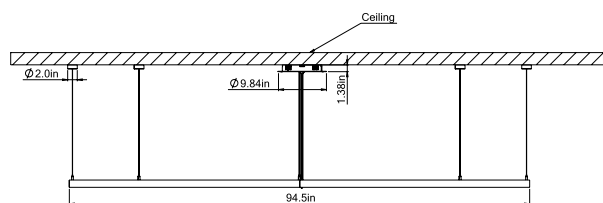
Consists of 3 Sections



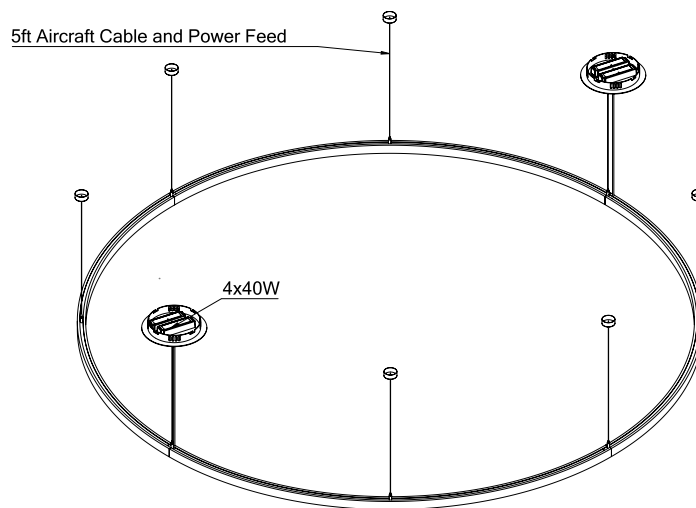
Cross Section

Project:	Type:
	Comments:

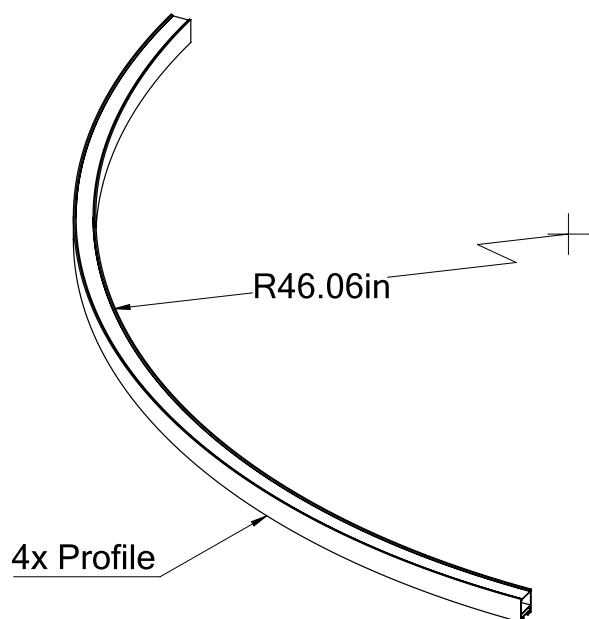
■ **IP HALO Direct 95**



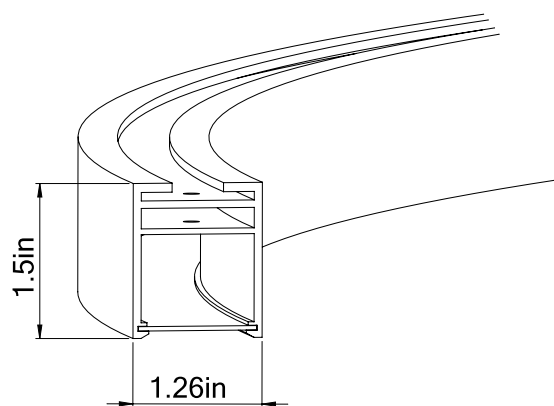
Dimensions



Technical Details



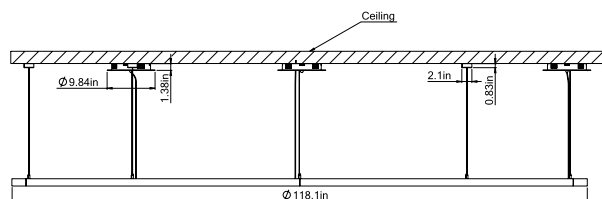
Consists of 3 Sections



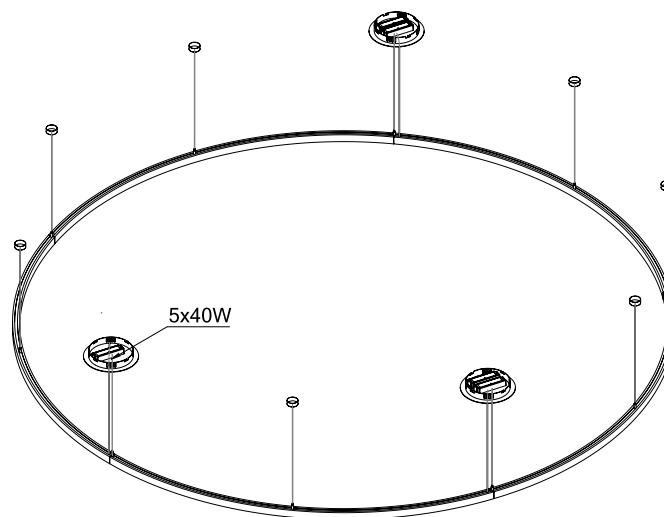
Cross Section

Project:	Type:
	Comments:

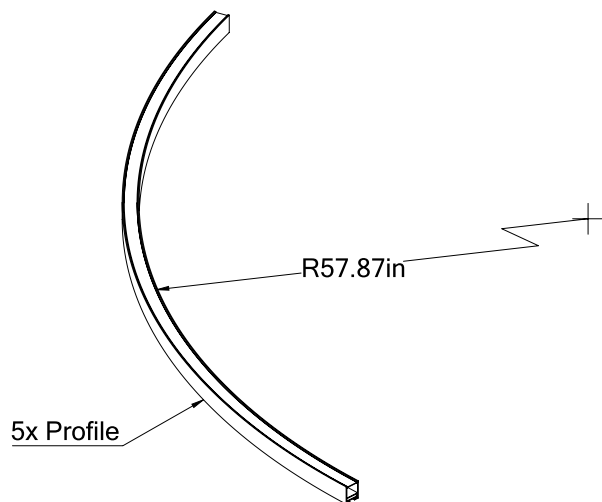
■ **IP HALO Direct 118**



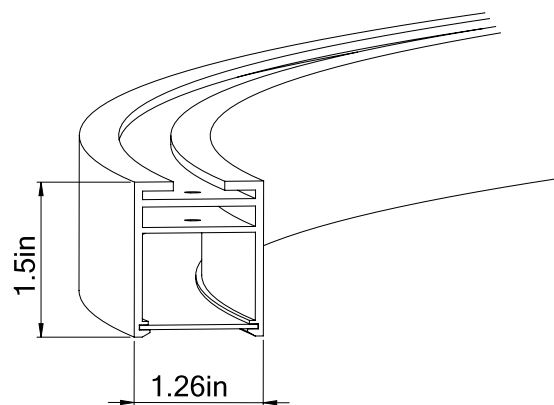
Dimensions



Technical Details



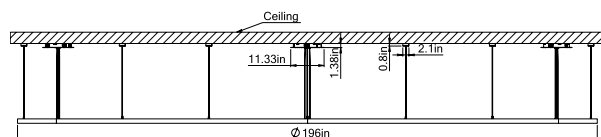
Consists of 3 Sections



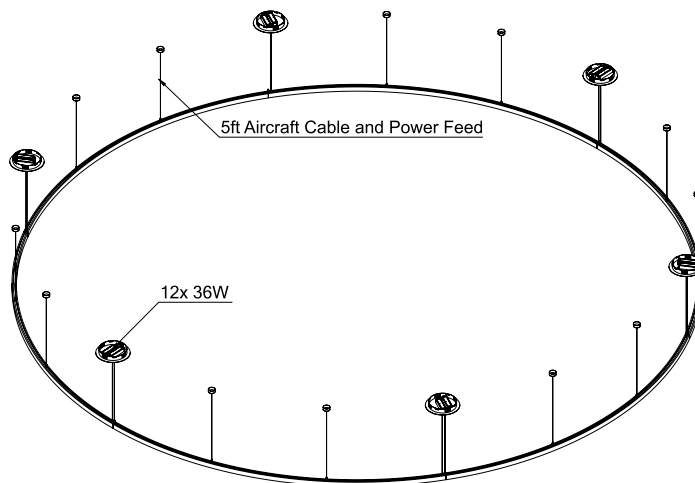
Cross Section

Project:	Type:
	Comments:

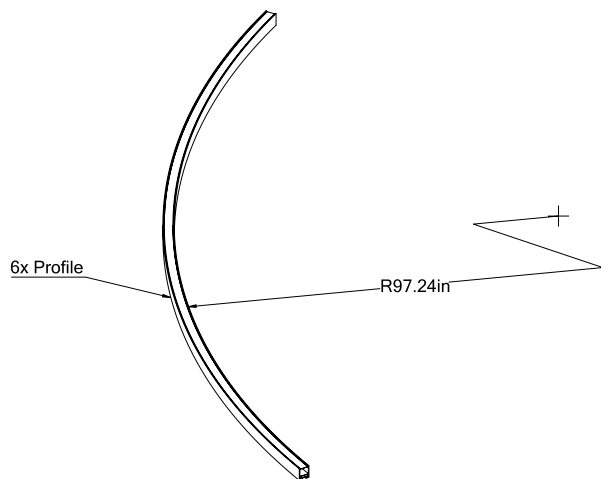
■ **IP HALO Direct 196**



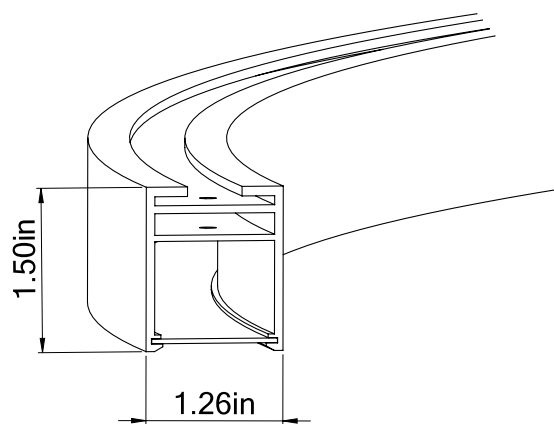
Dimensions



Technical Details



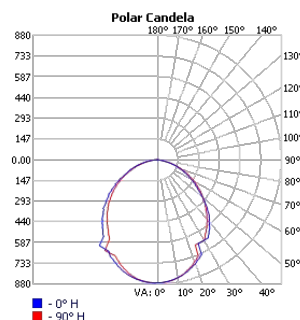
Consists of 3 Sections



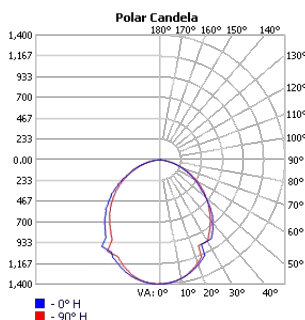
Cross Section

Project:	Type:
	Comments:

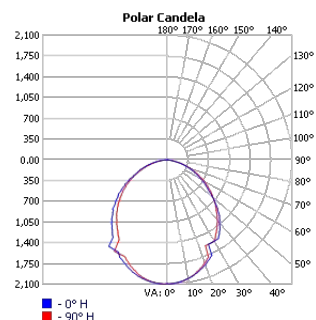
Photometrics



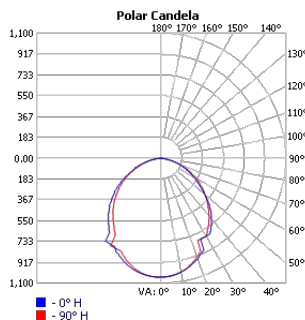
TECHOLED-IP-HALO-D-23-LO-30



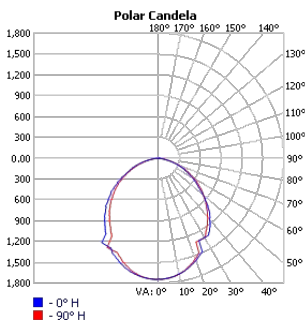
TECHOLED-IP-HALO-D-23-ME-30



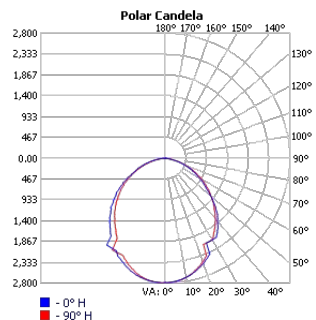
TECHOLED-IP-HALO-D-23-HI-30



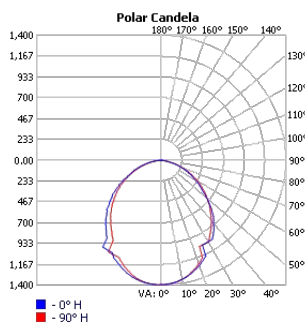
TECHOLED-IP-HALO-D-35-LO-30



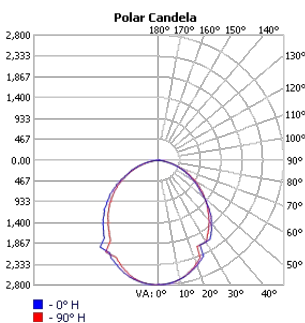
TECHOLED-IP-HALO-D-35-ME-30



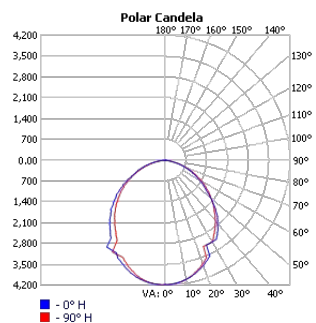
TECHOLED-IP-HALO-D-35-HI-30



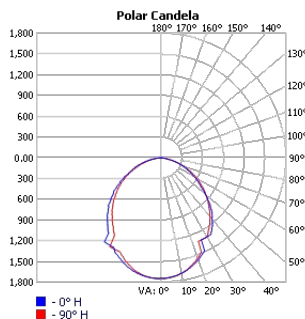
TECHOLED-IP-HALO-D-47-LO-30



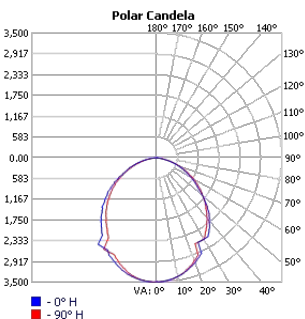
TECHOLED-IP-HALO-D-47-ME-30



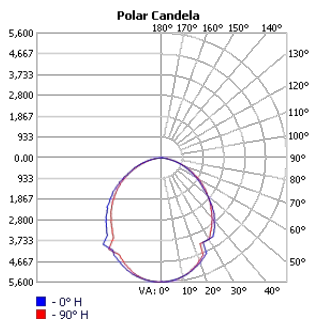
TECHOLED-IP-HALO-D-47-HI-30



TECHOLED-IP-HALO-D-59-LO-30

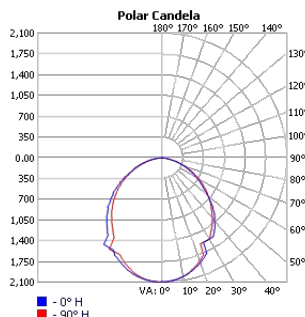


TECHOLED-IP-HALO-D-59-ME-30

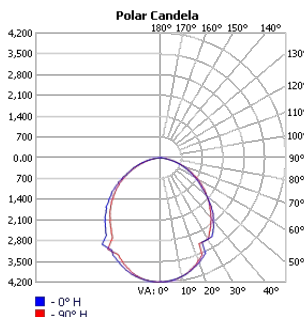


TECHOLED-IP-HALO-D-59-HI-30

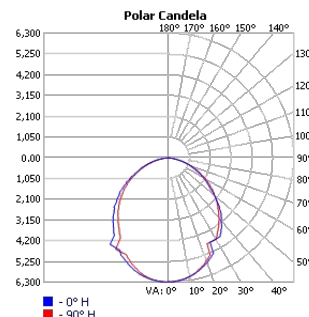
Project:	Type:
	Comments:



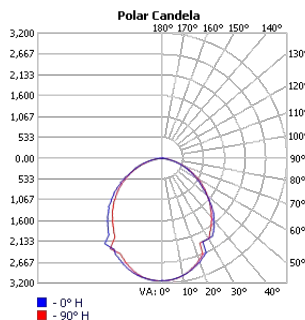
TECHOLED-IP-HALO-D-78-LO-30



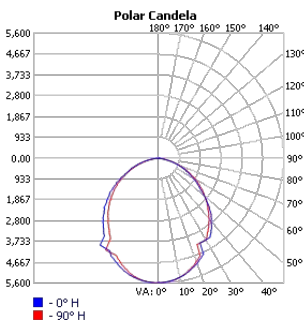
TECHOLED-IP-HALO-D-78-ME-30



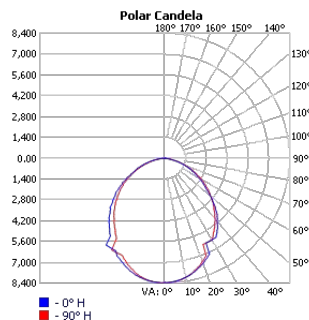
TECHOLED-IP-HALO-D-78-HI-30



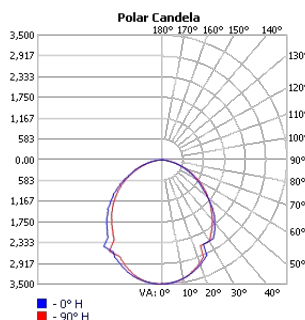
TECHOLED-IP-HALO-D-95-LO-30



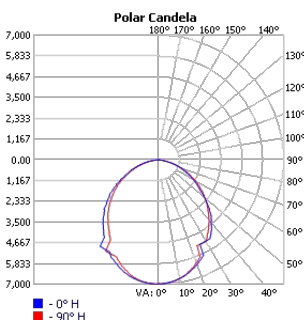
TECHOLED-IP-HALO-D-95-ME-30



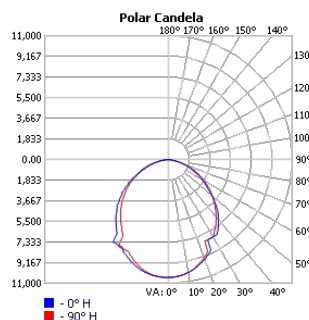
TECHOLED-IP-HALO-D-95-HI-30



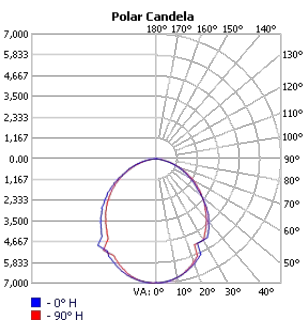
TECHOLED-IP-HALO-D-118-LO-30



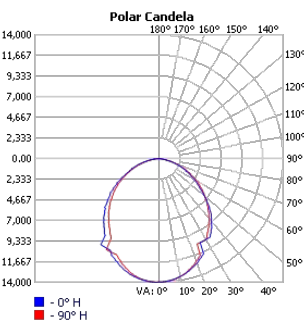
TECHOLED-IP-HALO-D-118-ME-30



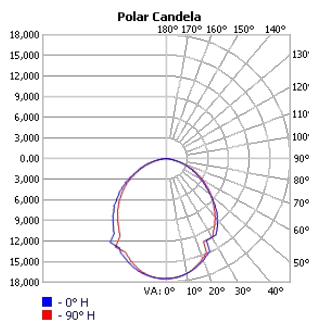
TECHOLED-IP-HALO-D-118-HI-30



TECHOLED-IP-HALO-D-196-LO-30



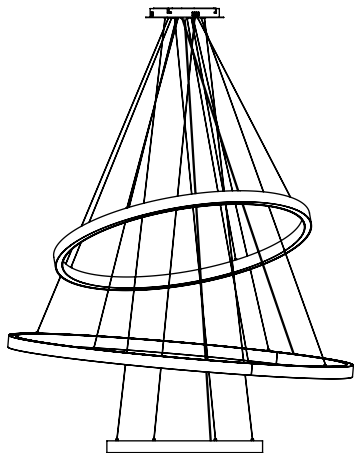
TECHOLED-IP-HALO-D-196-ME-30



TECHOLED-IP-HALO-D-196-HI-30

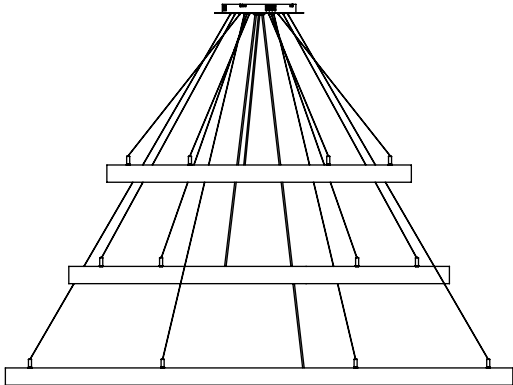
Project:	Type:
	Comments:

Mounting Option Examples



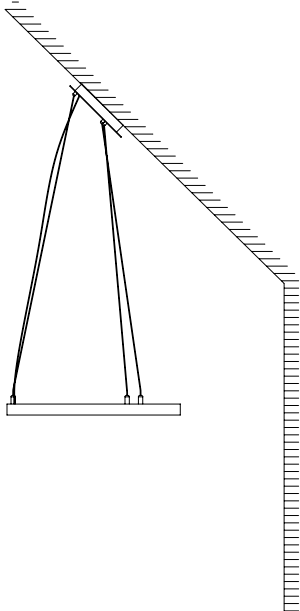
In this picture are used:

Ring	Measurement
Top	59"
Medium	78"
Bottom	35"



In this picture are used:

Ring	Measurement
Top	35"
Medium	59"
Bottom	78"



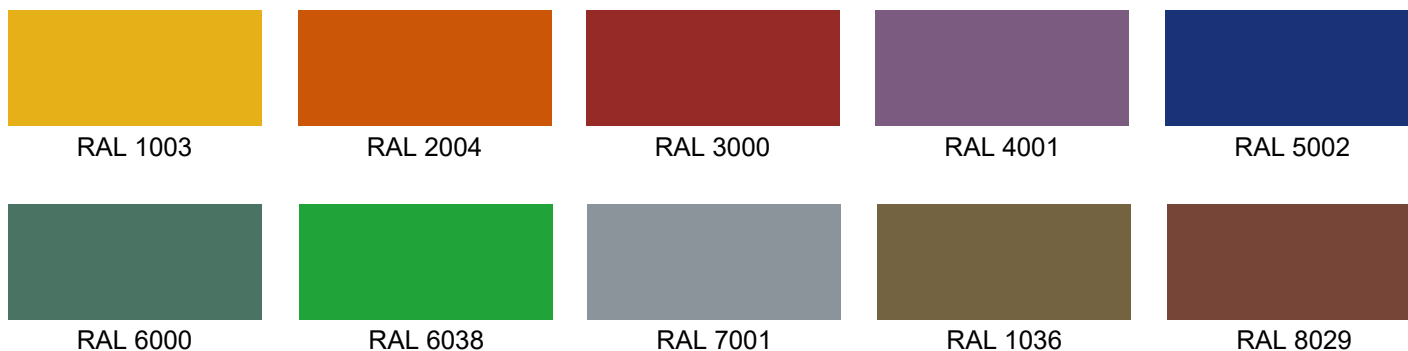
Project:	Type:
	Comments:

Finish Details (powder coat finish)

Standard Colors

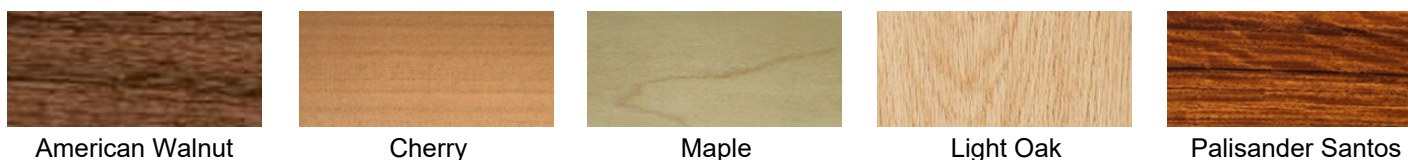


Custom Colors



Any RAL color available, please refer to ralcolorchart.com

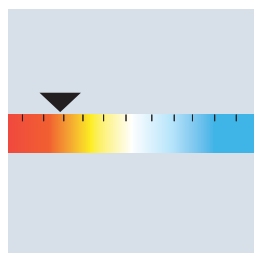
Custom Wooden Colors



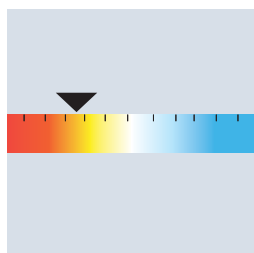
Project:	Type:
	Comments:

 Color Temperature

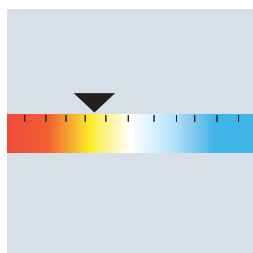
 Color Temperature



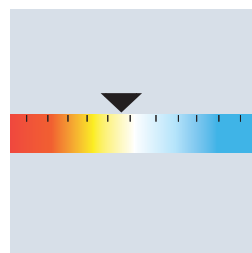
2700K



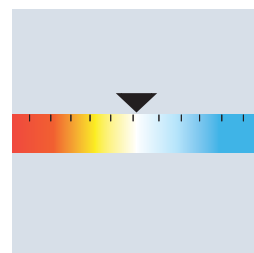
3000K



3500K

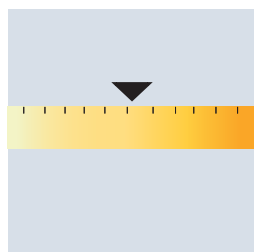


4000K

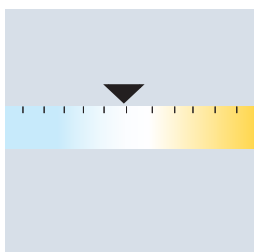


5000K

 Tunable White



Tunable White



Dim To Warm