

Project:	Type:
	Comments:



### ▣ Highlights

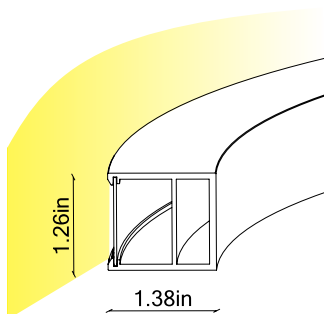
The TechoLED HALO series features sleek, round LED luminaires made with slim, high-grade aluminum extrusion. With diameters ranging from 2 feet to almost 17 feet (or custom sizes of your choice), these luminaires can be surface-mounted or pendant-style. Additionally, the HALO series offers the flexibility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

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

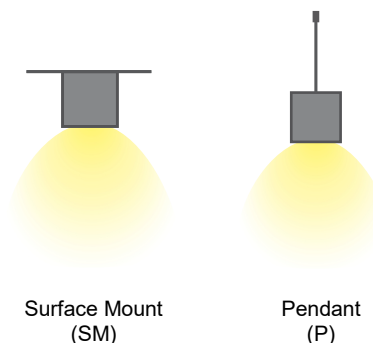
**Optical:** Direct illumination, 120° beam angle

**Construction:** Damp location listed. 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-HALO-O-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](mailto:sales@techoled.com)

1-FIXTURE ID		2-DISTRIBUTION		3-DIAMETER		4-LUMEN OUTPUT	
<b>HALO</b>	HALO	<b>O</b>	Outer	<b>23</b>	23.6"	<b>LO</b>	Low
				<b>35</b>	35.4"	<b>ME</b>	Medium
				<b>47</b>	47.2"	<b>HI</b>	High
				<b>59</b>	59.1"		

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
<b>30</b>	3000K	<b>U</b>	110-277V	<b>W</b>	White	<b>P</b>	Pendant
<b>35</b>	3500K	<b>HV</b>	347V	<b>S</b>	Silver	<b>SM</b>	Surface Mount
<b>40</b>	4000K			<b>B</b>	Black		
<b>DT</b>	Lutron T-series			<b>C</b>	Custom (RAL#)		
<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		

Project:	Type:
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### Lumen Output Details

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-HALO-O-23-LO-30	23.6"	Low	3000K	20W	1400Lm
TECHOLED-HALO-O-23-ME-30	23.6"	Medium	3000K	32W	2240Lm
TECHOLED-HALO-O-23-HI-30	23.6"	High	3000K	50W	3500Lm
TECHOLED-HALO-O-35-LO-30	35.4"	Low	3000K	25W	1750Lm
TECHOLED-HALO-O-35-ME-30	35.4"	Medium	3000K	40W	2800Lm
TECHOLED-HALO-O-35-HI-30	35.4"	High	3000K	60W	4200Lm
TECHOLED-HALO-O-47-LO-30	47.2"	Low	3000K	40W	2800Lm
TECHOLED-HALO-O-47-ME-30	47.2"	Medium	3000K	70W	4900Lm
TECHOLED-HALO-O-47-HI-30	47.2"	High	3000K	100W	7000Lm
TECHOLED-HALO-O-59-LO-30	59.1"	Low	3000K	50W	3500Lm
TECHOLED-HALO-O-59-ME-30	59.1"	Medium	3000K	80W	5600Lm
TECHOLED-HALO-O-59-HI-30	59.1"	High	3000K	120W	8400Lm

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

### 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

Project:	Type:
	Comments:

### 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
AWNR	<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

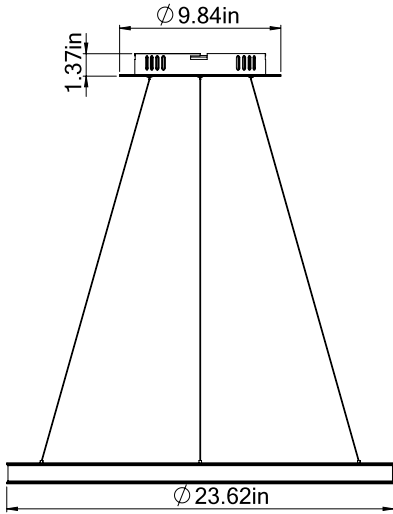
### Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

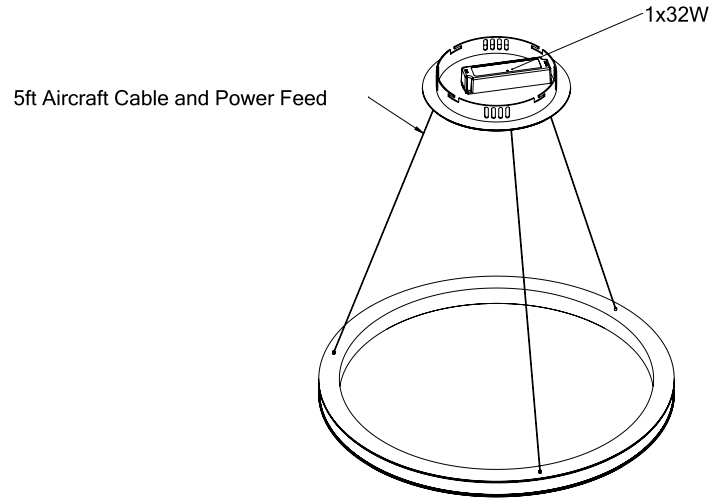
Project:	Type:
	Comments:

### Dimension and Mounting

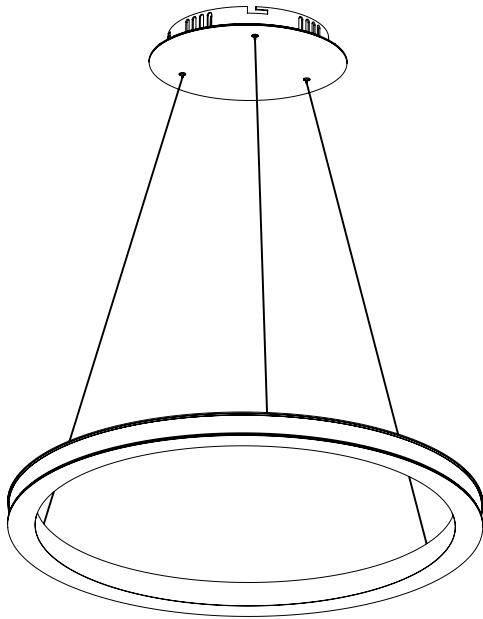
#### HALO Outer 23



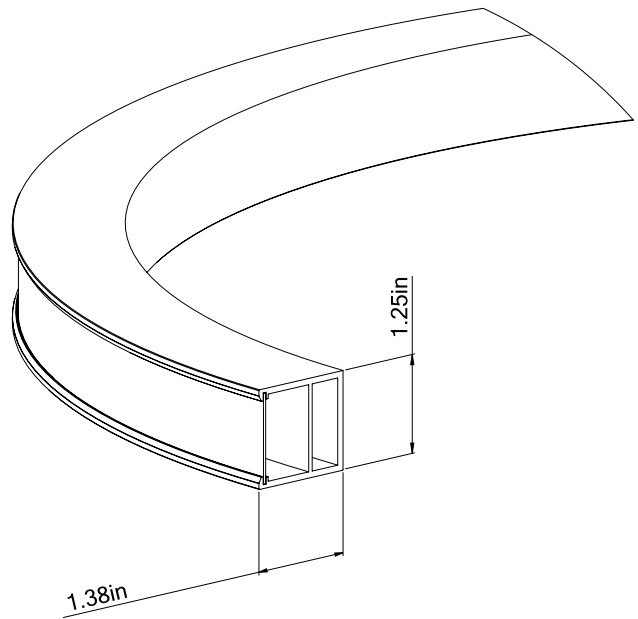
Dimensions



Technical Details



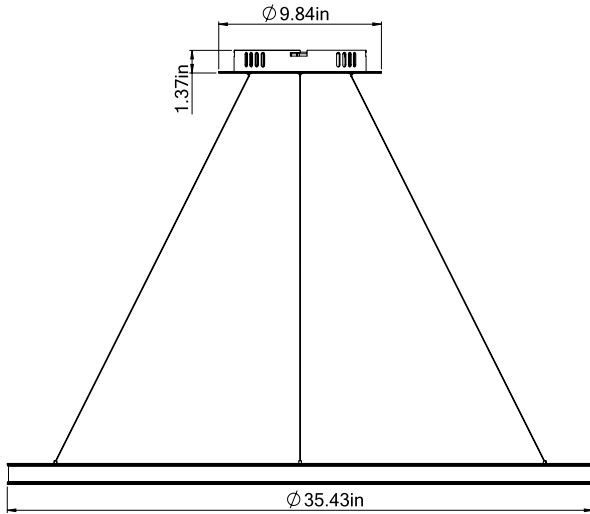
Central Mounting – Pendant



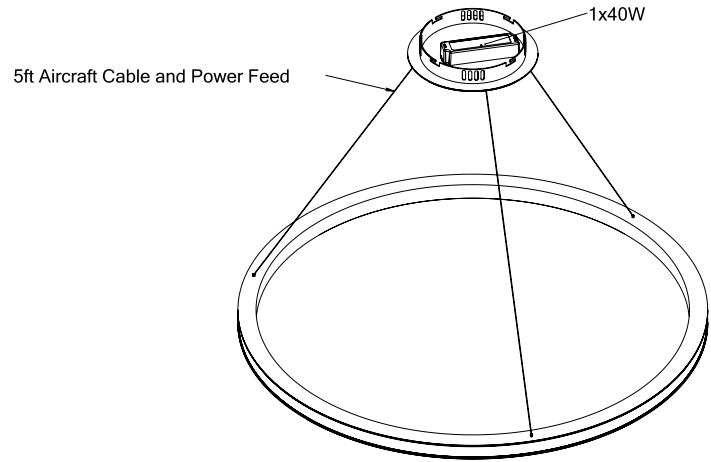
Cross Section

Project:	Type:
Comments:	

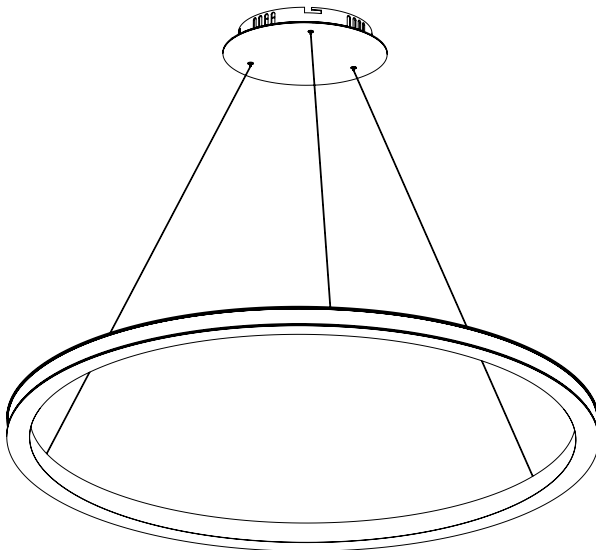
### ■ HALO Outer 35



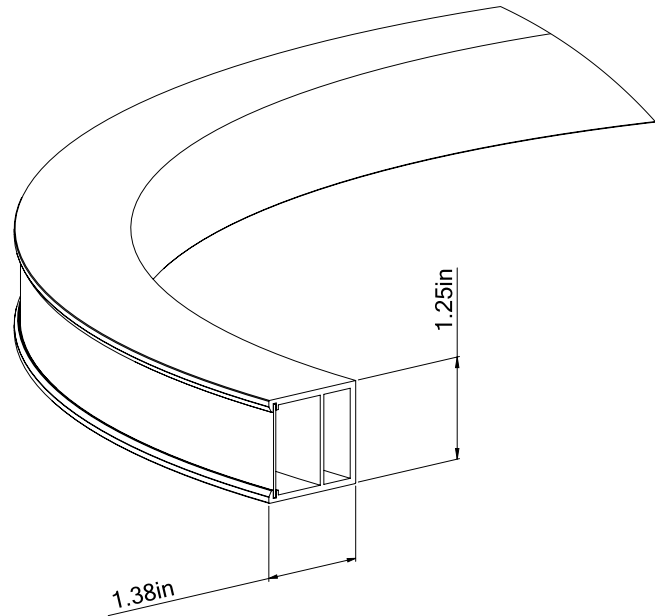
Dimensions



Technical Details



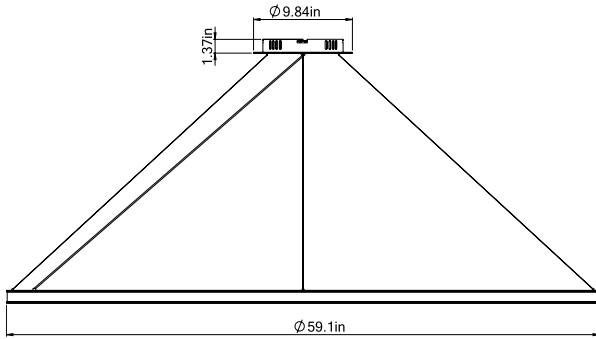
Central Mounting – Pendant



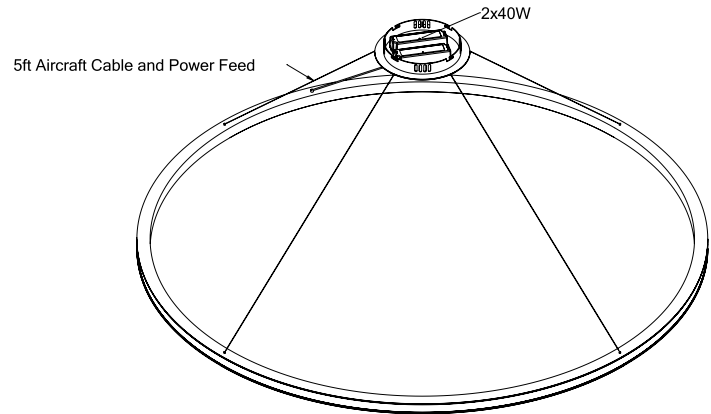
Cross Section

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	Comments:

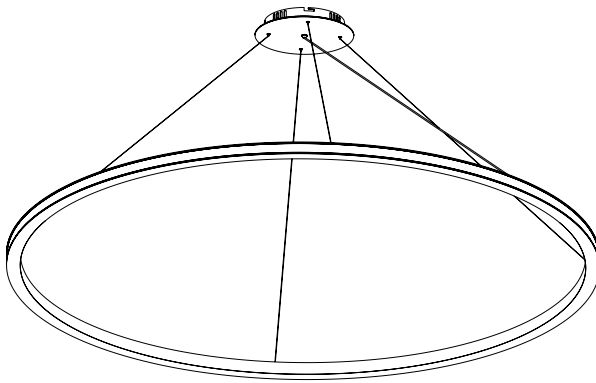
■ HALO Outer 47



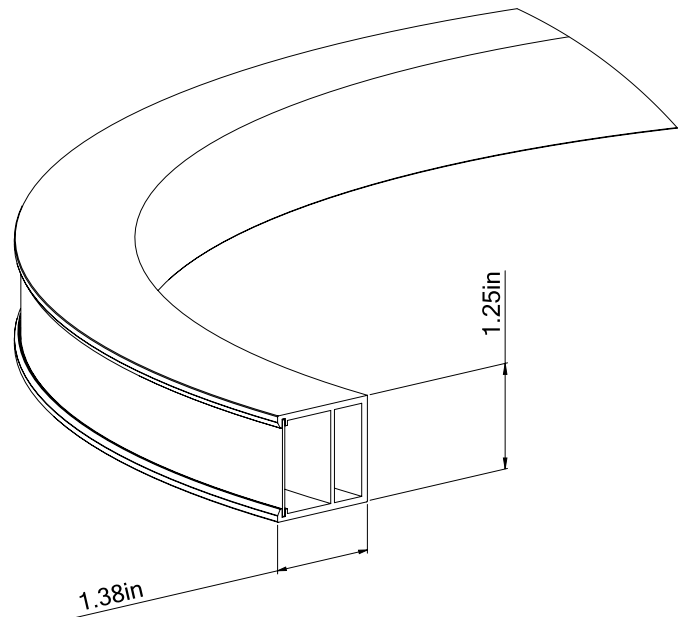
Dimensions



Technical Details



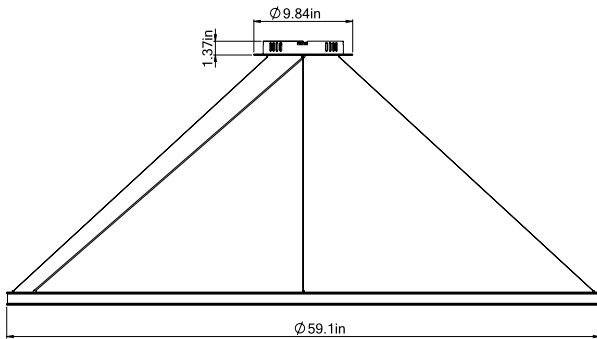
Central Mounting – Pendant



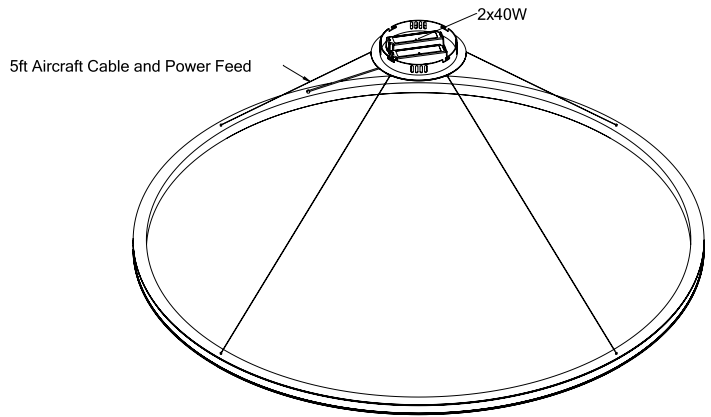
Cross Section

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	Comments:

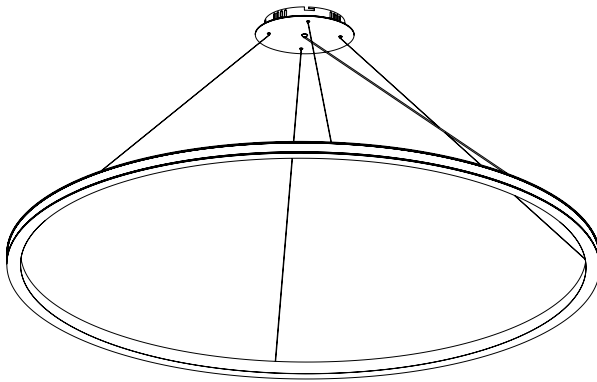
■ HALO Outer 59



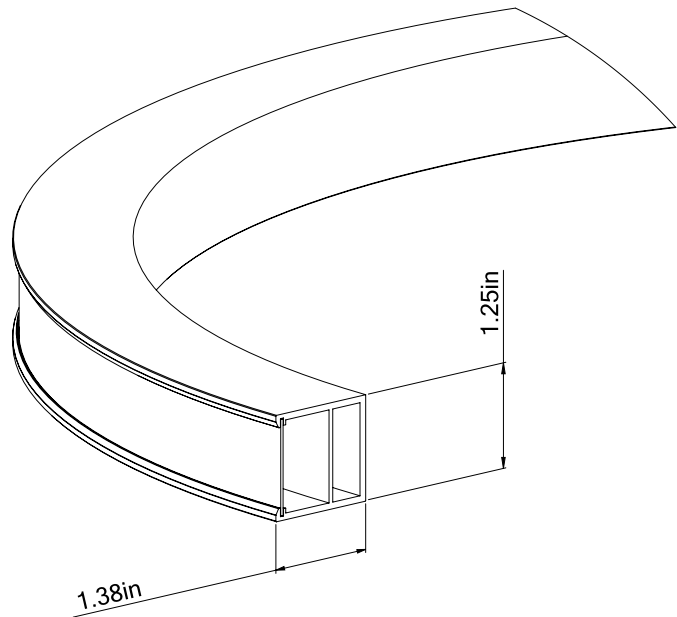
Dimensions



Technical Details



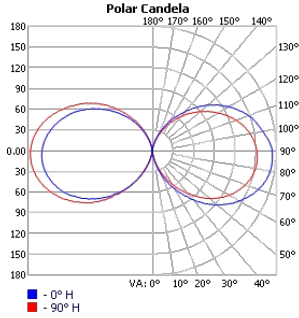
Central Mounting – Pendant



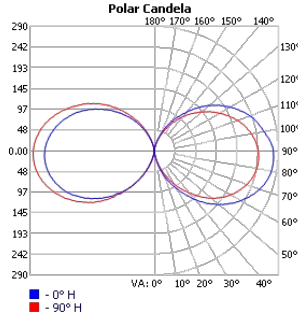
Cross Section

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	Comments:

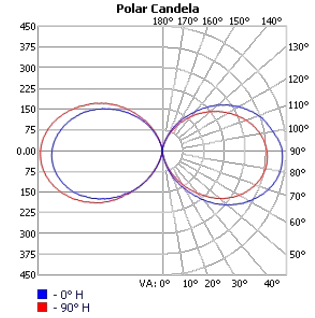
### Photometrics



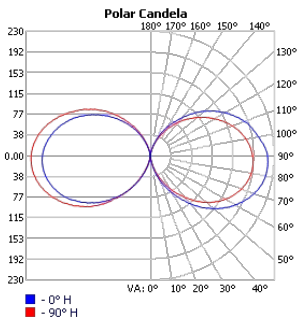
TECHOLED-HALO-O-23-LO-30



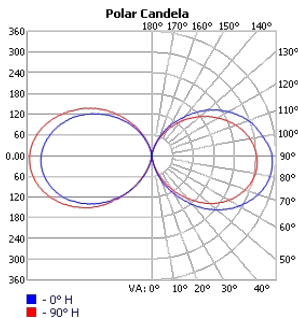
TECHOLED-HALO-O-23-ME-30



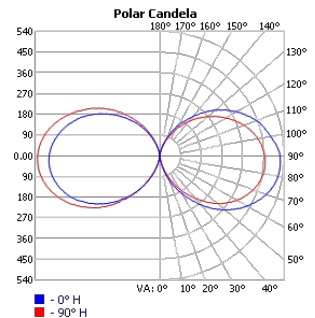
TECHOLED-HALO-O-23-HI-30



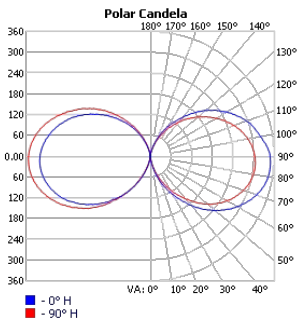
TECHOLED-HALO-O-35-LO-30



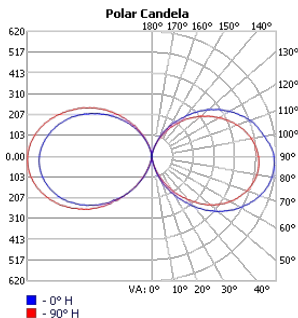
TECHOLED-HALO-O-35-ME-30



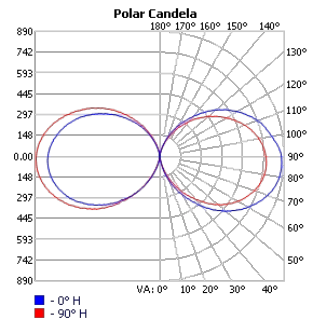
TECHOLED-HALO-O-35-HI-30



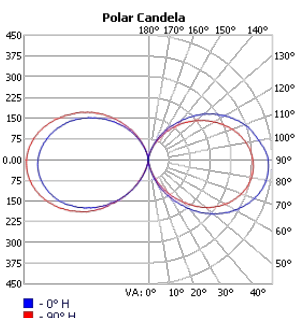
TECHOLED-HALO-O-47-LO-30



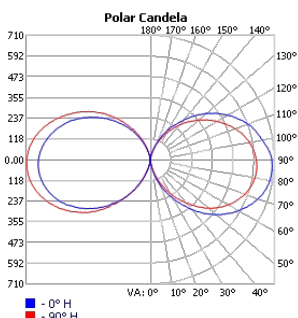
TECHOLED-HALO-O-47-ME-30



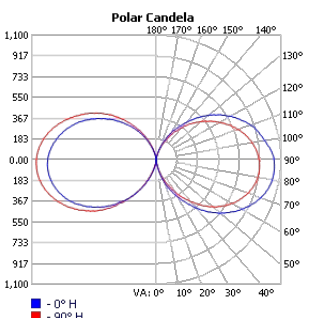
TECHOLED-HALO-O-47-HI-30



TECHOLED-HALO-O-59-LO-30



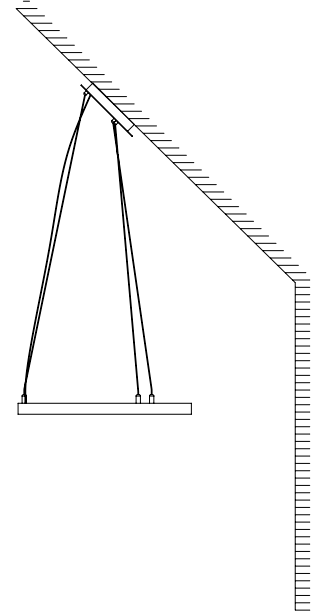
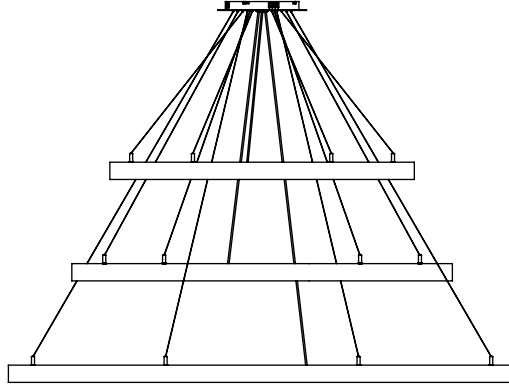
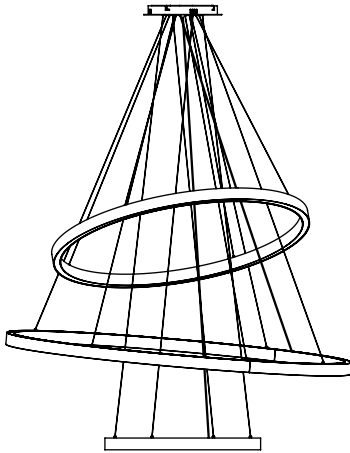
TECHOLED-HALO-O-59-ME-30



TECHOLED-HALO-O-59-HI-30

Project:	Type:
	Comments:

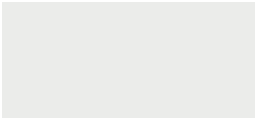
### Mounting Option Examples



Project:	Type:
	Comments:

### Finish Details (powder coat finish)

#### ■ Standard Colors



W – White



S – Silver



B – Black

#### ■ Custom Colors



RAL 1003



RAL 2004



RAL 3000



RAL 4001



RAL 5002



RAL 6000



RAL 6038



RAL 7001



RAL 1036



RAL 8029

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

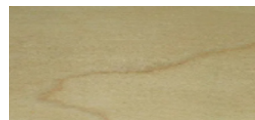
#### ■ Custom Wooden Colors



American Walnut



Cherry



Maple



Light Oak



Palisander Santos