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BROOKLYN • NY

HALO SERIES - DIRECT

Rev. Date: 11/23/2026

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.

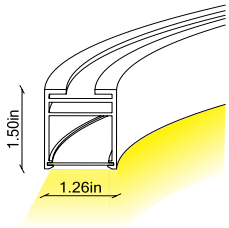
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

Optical: Direct illumination, 120° beam angle

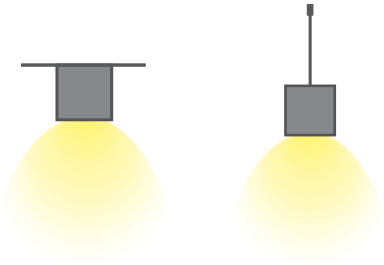
Construction: Damp location listed. High grade aluminum extrusion, PC diffuser, remote driver (inside canopy), powder coat finish, custom finishes available

5-year limited warranty

Cross Section



Installation



Surface Mount (SM)

Pendant (P)

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Configuration Example

Model #	Diameter	Output	Color Temp.	Voltage	Color
TECHOLED-HALO-D-23-MI-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	
HALO	HALO	D	Direct	23	23.6"	LO	Low
				35	35.4"	ME	Medium
				47	47.2"	HI	High
				59	59.1"		
				78	78.7"		
				95	94,5"		
				118	118.1"		
				196	196.9"		

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-MOUNTING	
27	2700K	U	110-277V	S	Silver	P	Pendant
30	3000K	HV	347V	W	White	SM	Surface Mount
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	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		
		X	None		

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Project:	Type:
	Comments:

Lumen Output Details

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-HALO-D-23-LO-30	23.6"	Low	3000K	25W	2125Lm
TECHOLED-HALO-D-23-ME-30	23.6"	Medium	3000K	40W	3400Lm
TECHOLED-HALO-D-23-HI-30	23.6"	High	3000K	60W	5100Lm
TECHOLED-HALO-D-35-LO-30	35.4"	Low	3000K	30W	2550Lm
TECHOLED-HALO-D-35-ME-30	35.4"	Medium	3000K	50W	4250Lm
TECHOLED-HALO-D-35-HI-30	35.4"	High	3000K	80W	6800Lm
TECHOLED-HALO-D-47-LO-30	47.2"	Low	3000K	40W	3400Lm
TECHOLED-HALO-D-47-ME-30	47.2"	Medium	3000K	80W	6800Lm
TECHOLED-HALO-D-47-HI-30	47.2"	High	3000K	120W	10200Lm
TECHOLED-HALO-D-59-LO-30	59.1"	Low	3000K	50W	4250Lm
TECHOLED-HALO-D-59-ME-30	59.1"	Medium	3000K	100W	8500Lm
TECHOLED-HALO-D-59-HI-30	59.1"	High	3000K	160W	13600Lm
TECHOLED-HALO-D-78-LO-30	78.76"	Low	3000K	60W	5100Lm
TECHOLED-HALO-D-78-ME-30	78.76"	Medium	3000K	120W	10200Lm
TECHOLED-HALO-D-78-HI-30	78.76"	High	3000K	180W	15300Lm
TECHOLED-HALO-D-95-LO-30	94.5"	Low	3000K	90W	7650Lm
TECHOLED-HALO-D-95-ME-30	94.5"	Medium	3000K	160W	13600Lm
TECHOLED-HALO-D-95-HI-30	94.5"	High	3000K	240W	20400Lm
TECHOLED-HALO-D-118-LO-30	118.1"	Low	3000K	100W	8500Lm
TECHOLED-HALO-D-118-ME-30	118.1"	Medium	3000K	200W	17000Lm
TECHOLED-HALO-D-118-HI-30	118.1"	High	3000K	300W	25500Lm
TECHOLED-HALO-D-196-LO-30	196.9"	Low	3000K	200W	17000Lm
TECHOLED-HALO-D-196-ME-30	196.9"	Medium	3000K	400W	34000Lm
TECHOLED-HALO-D-196-HI-30	196.9"	High	3000K	500W	42500Lm

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

Performance

Output	Lumens / W
Low	85
Medium	85
High	85

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
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

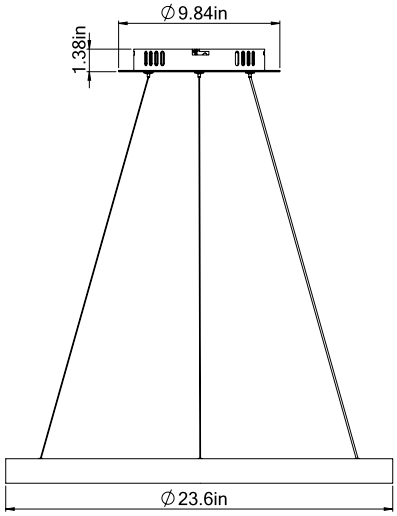
Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

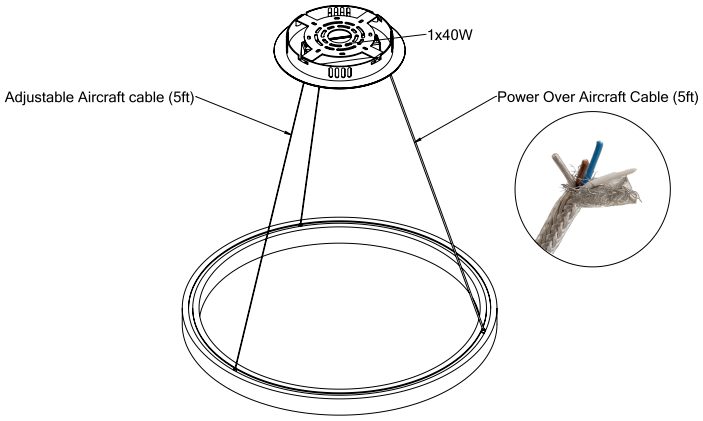
Project:	Type:
	Comments:

Dimension and Mounting (pendant)

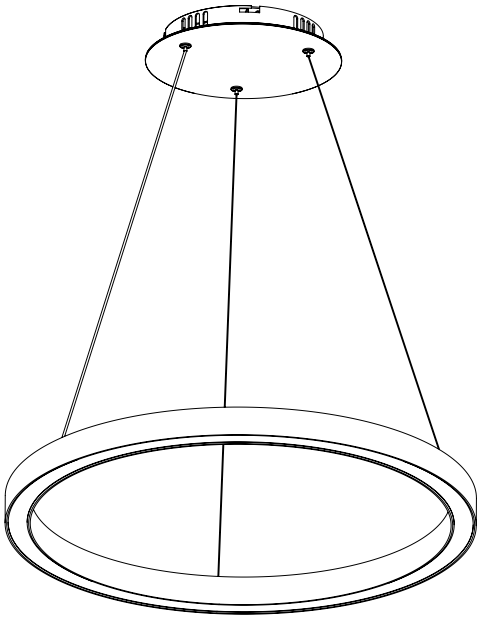
HALO Direct 23



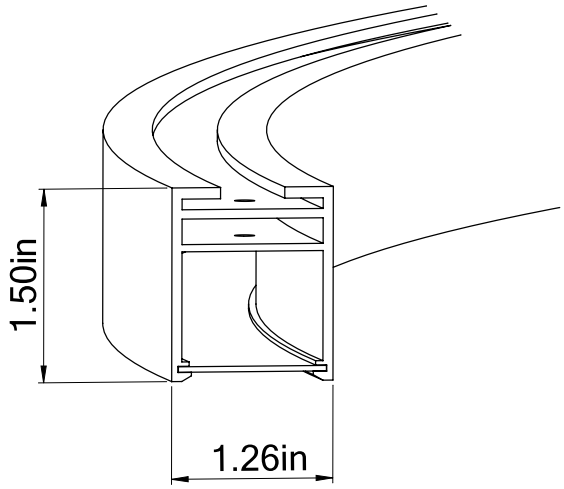
Dimensions



Technical Details



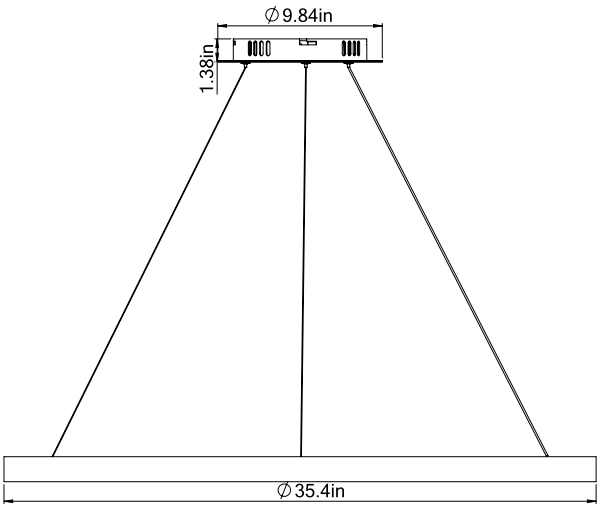
Central Mounting – Pendant



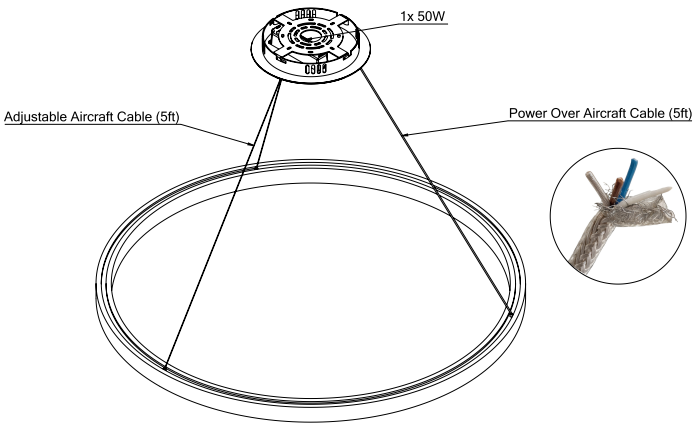
Cross Section

Project:	Type:
	Comments:

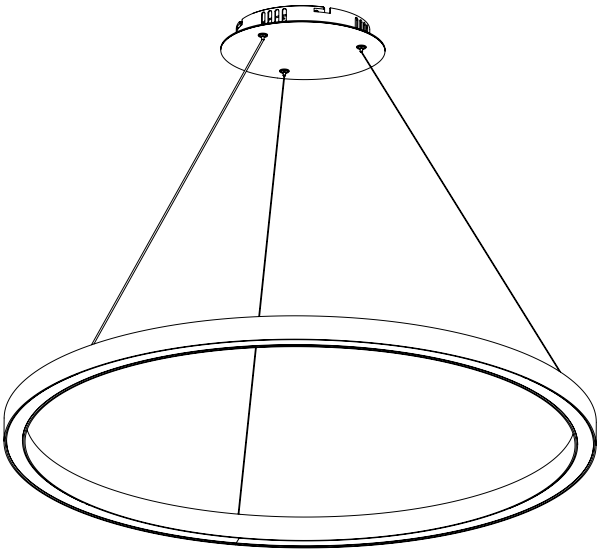
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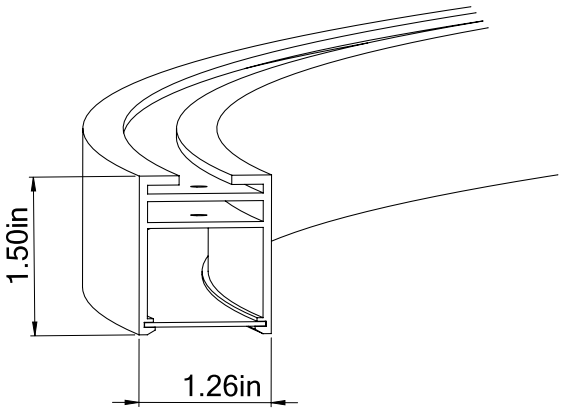
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Technical Details



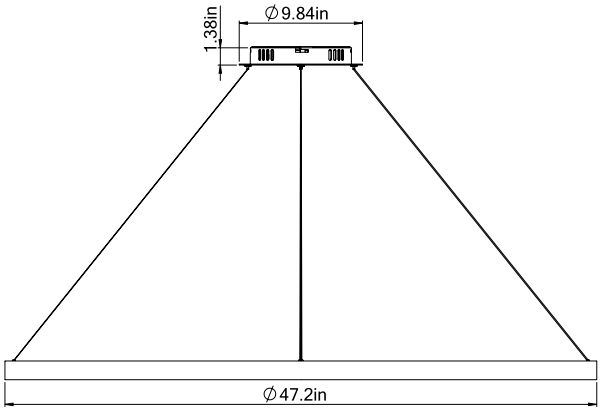
Central Mounting – Pendant



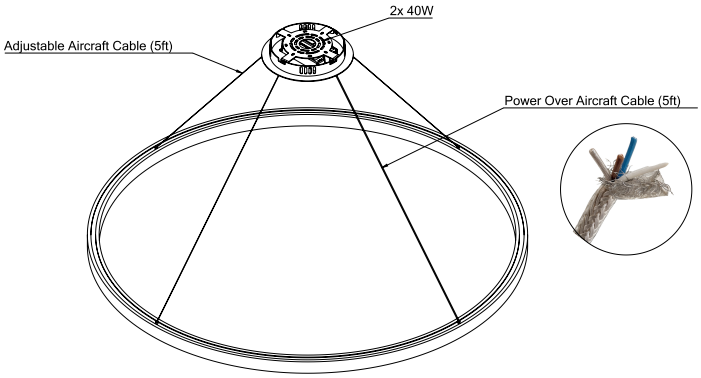
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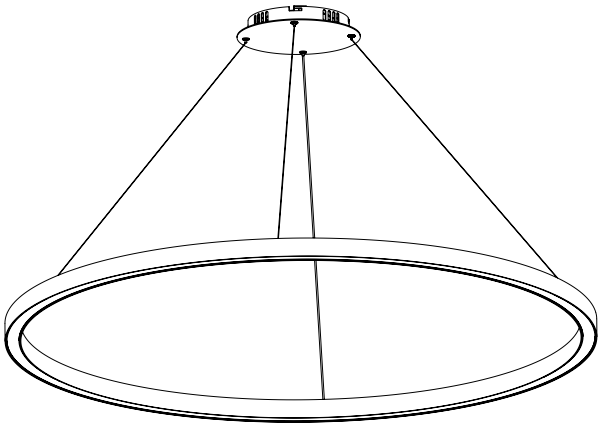
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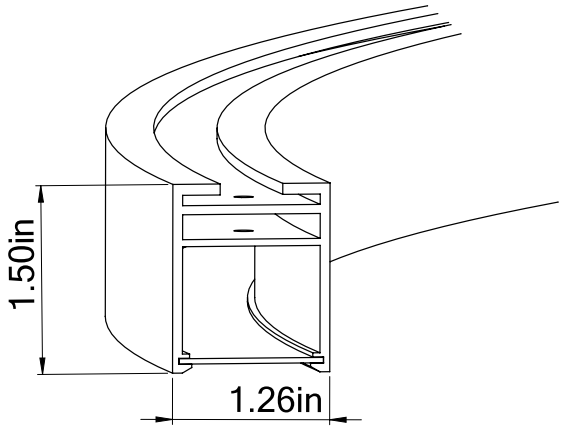
Dimensions



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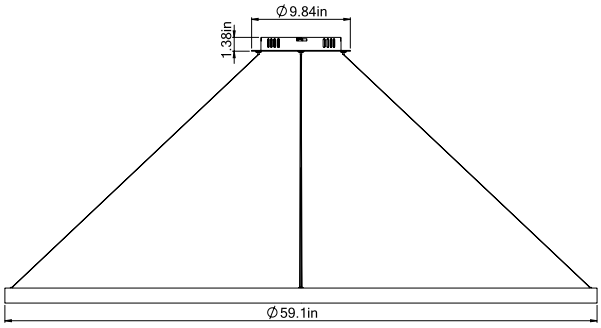
Central Mounting – Pendant



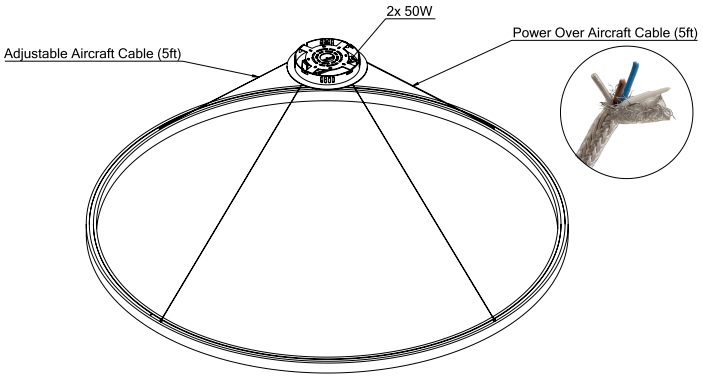
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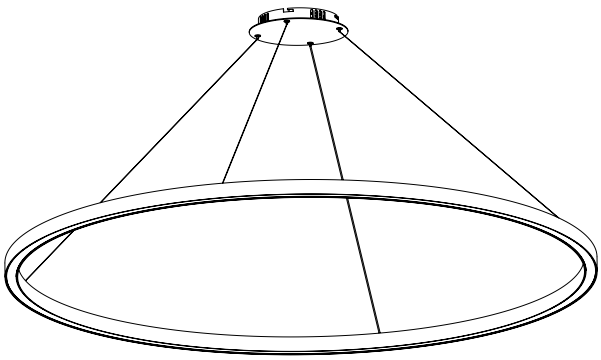
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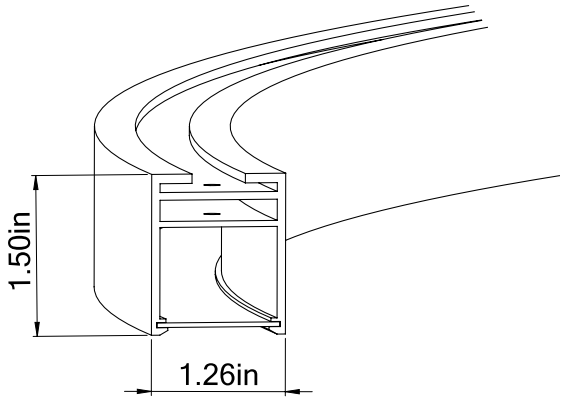
Dimensions



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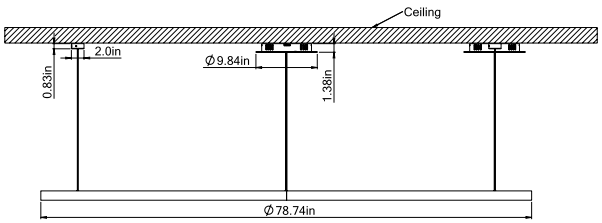
Central Mounting – Pendant



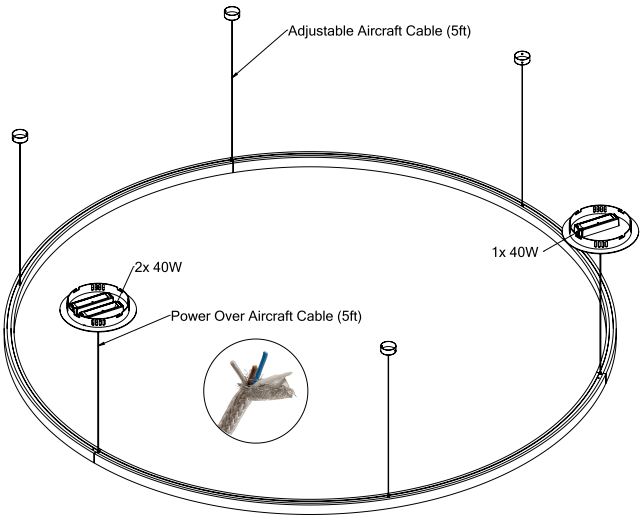
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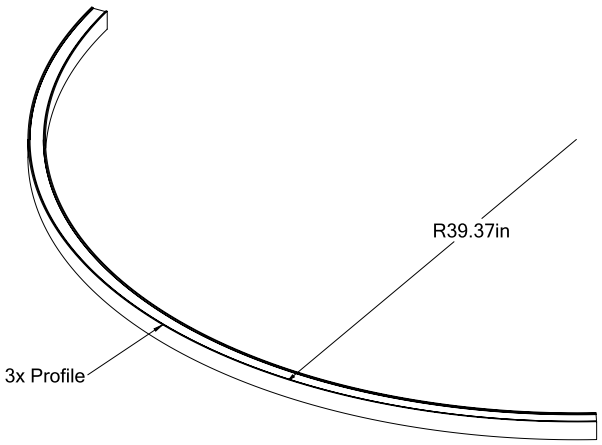
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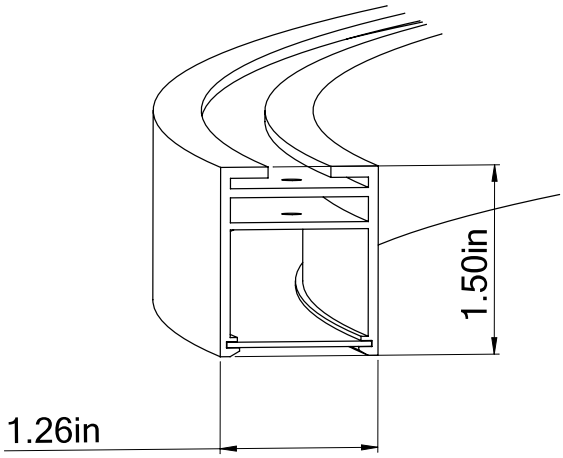
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Technical Details



Consists of 3 Sections



Cross Section

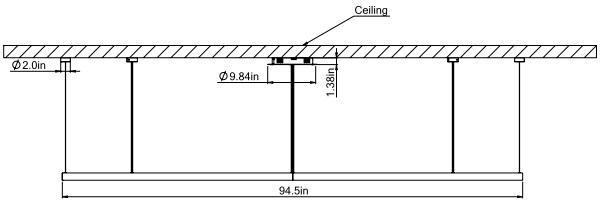
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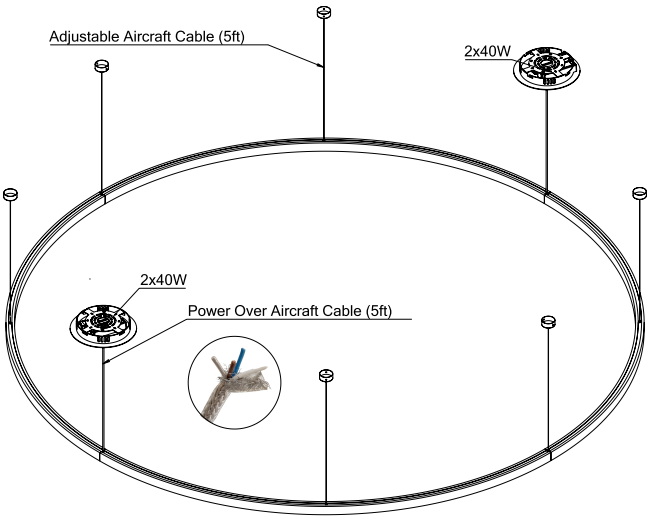
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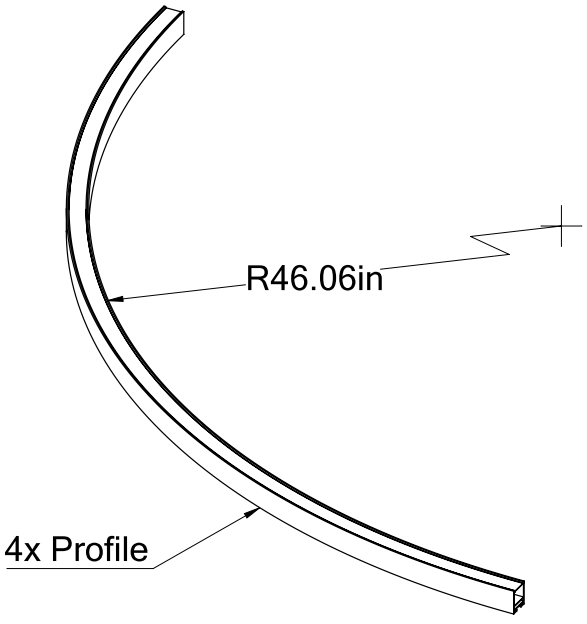
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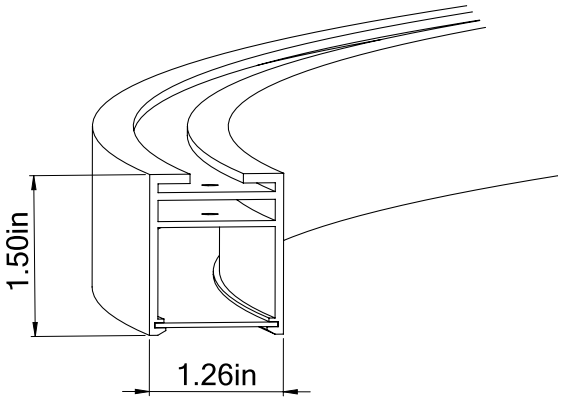
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Technical Details



Consists of 3 Sections



Cross Section

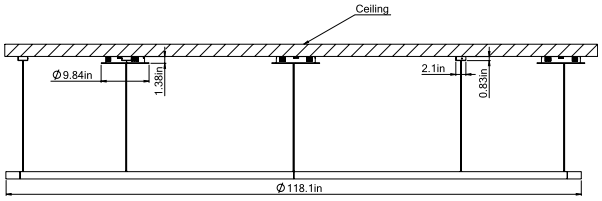
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HALO SERIES - DIRECT

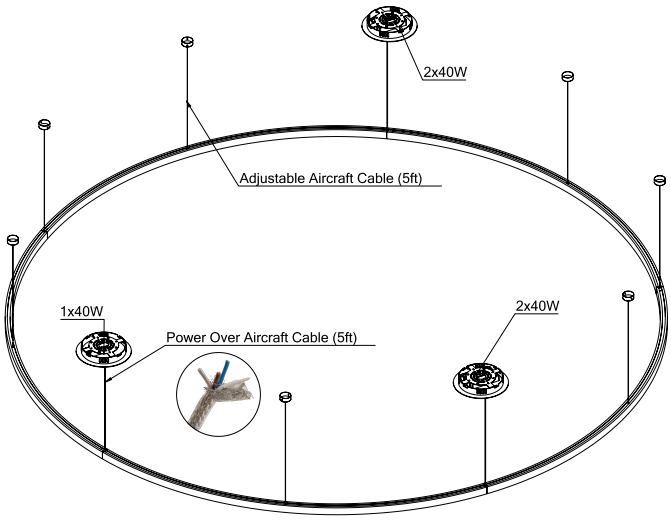
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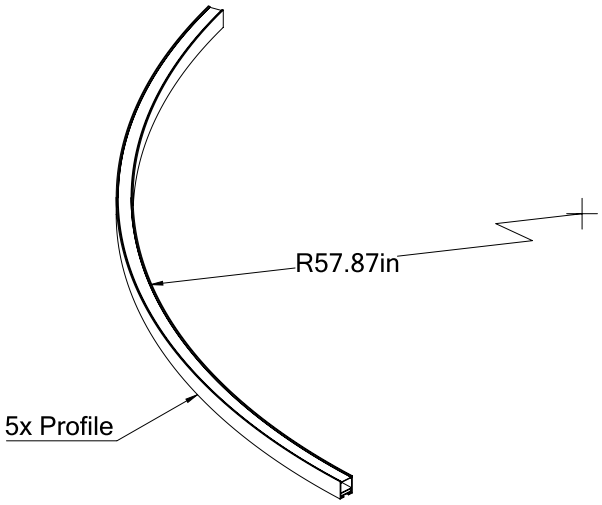
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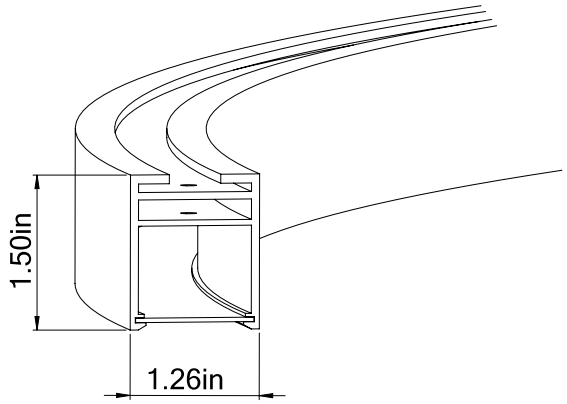
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Technical Details



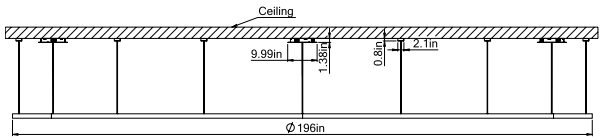
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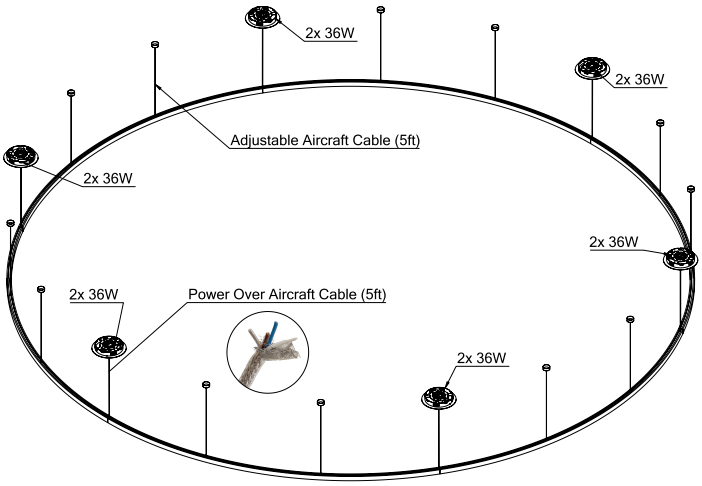
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	Comments:

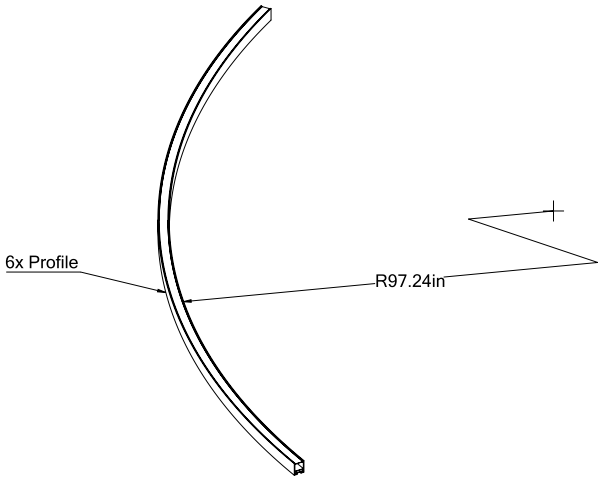
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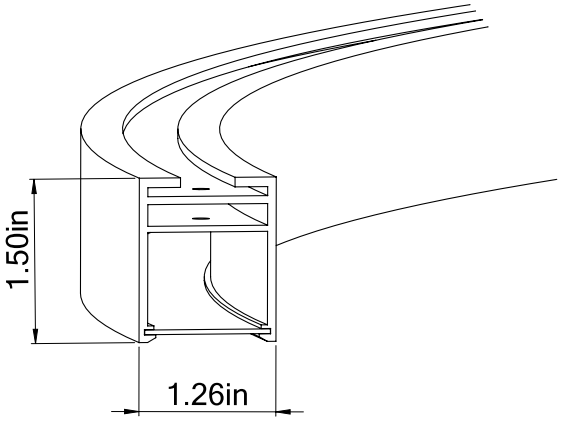
Dimensions



Technical Details



Consists of 3 Sections



Cross Section

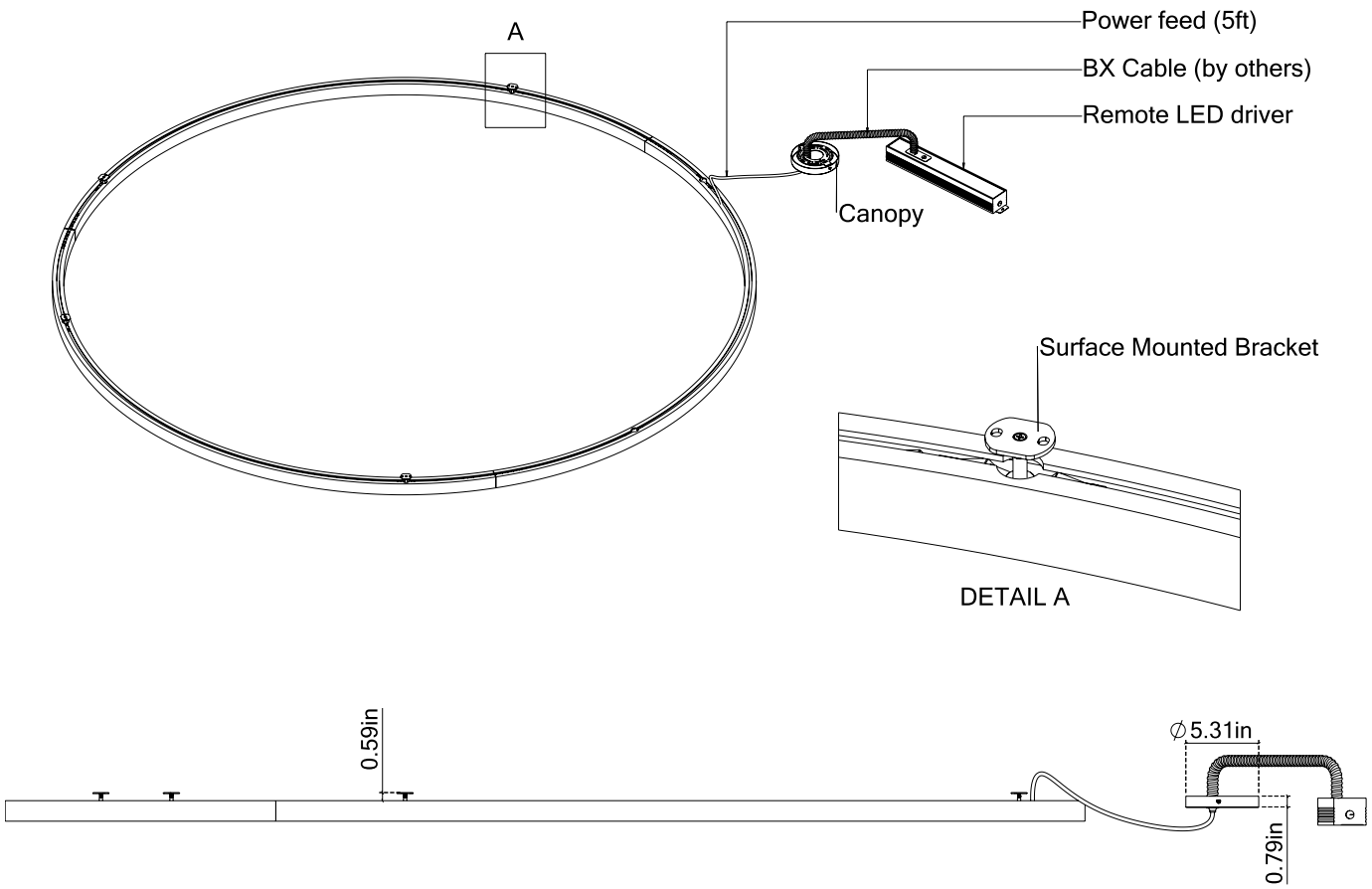
Project:	Type:
	Comments:

Applications



Project:	Type:
	Comments:

Dimension and Mounting (surface mount)



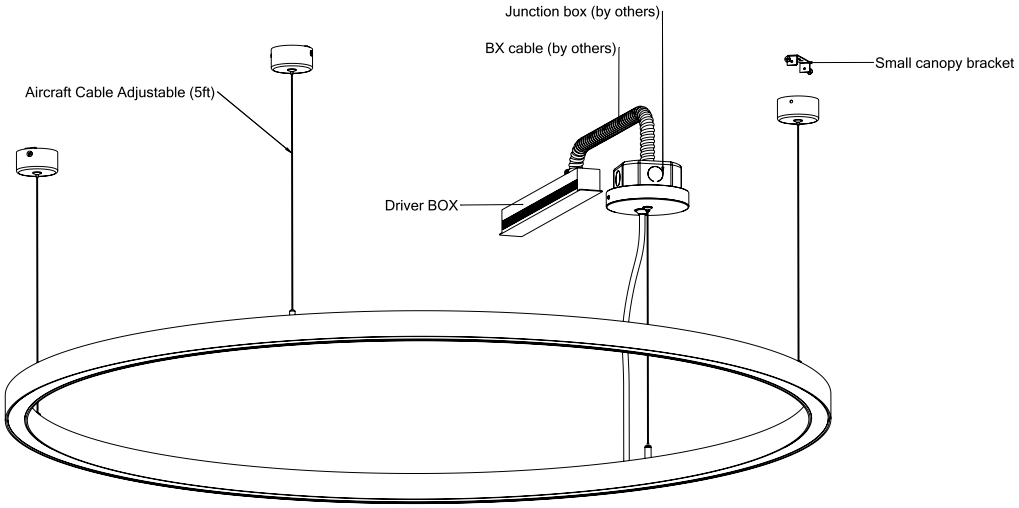
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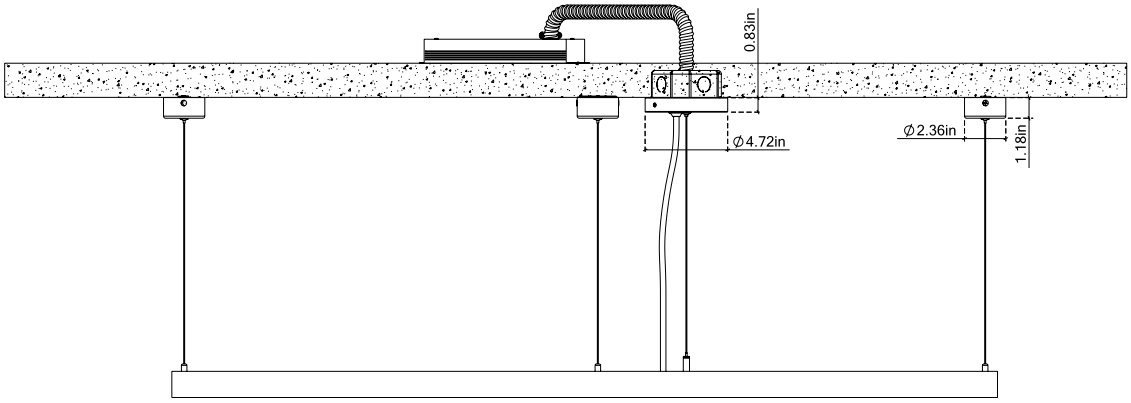
Photo Detail



Project:	Type:
	Comments:

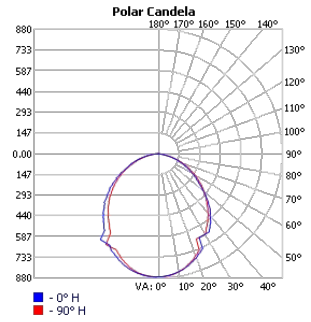
Direct Suspension Option



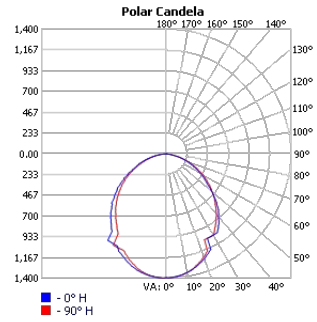


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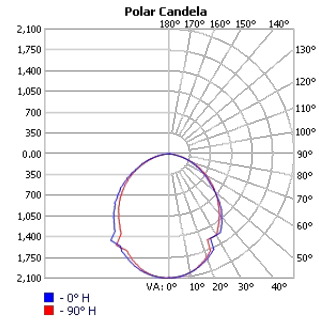
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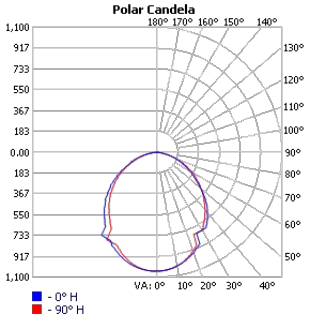
TECHOLED-HALO-D-23-LO-30



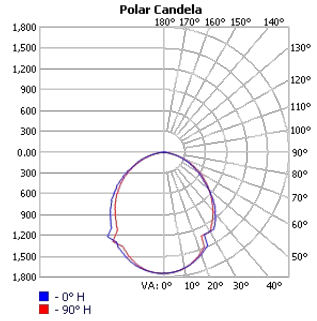
TECHOLED-HALO-D-23-ME-30



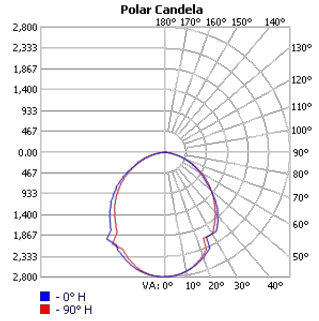
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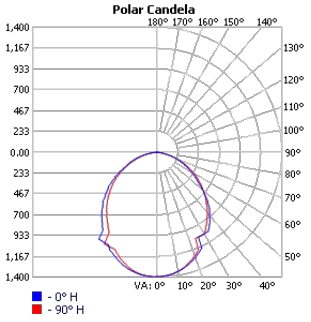
TECHOLED-HALO-D-35-LO-30



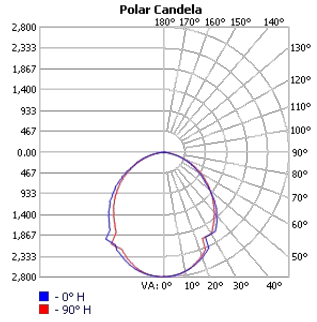
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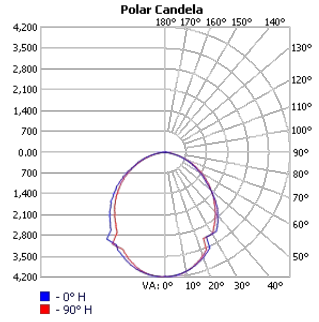
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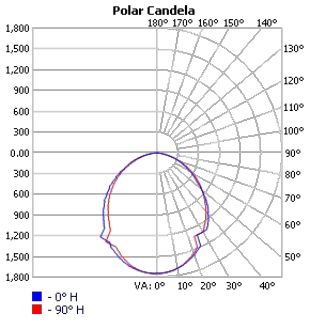
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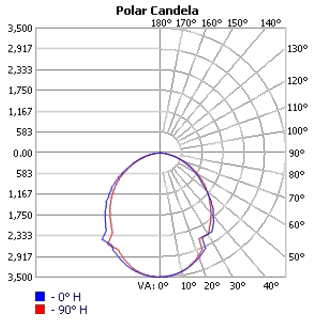
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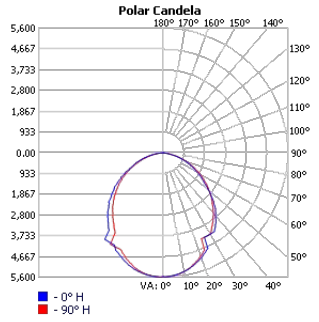
TECHOLED-HALO-D-47-HI-30



TECHOLED-HALO-D-59-LO-30

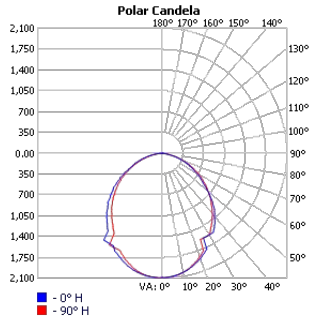


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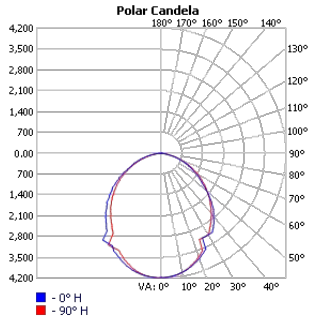


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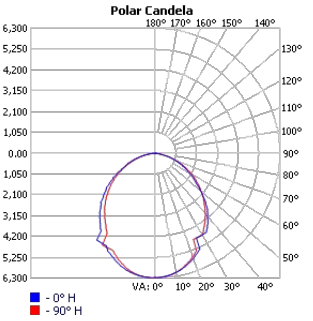
Project:	Type:
	Comments:



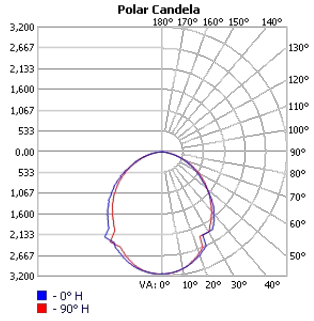
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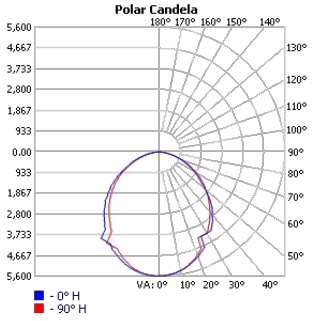
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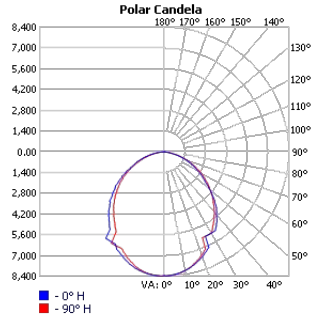
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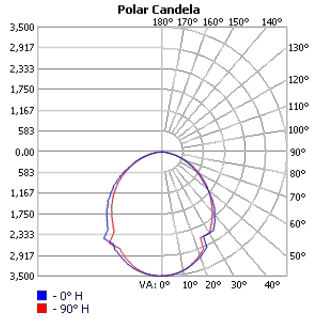
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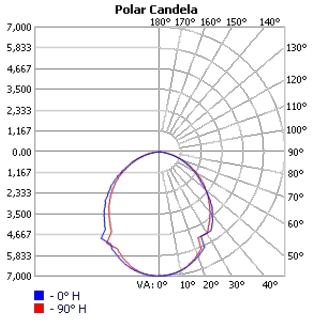
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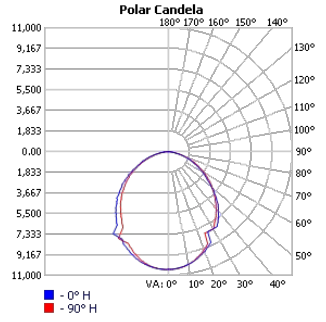
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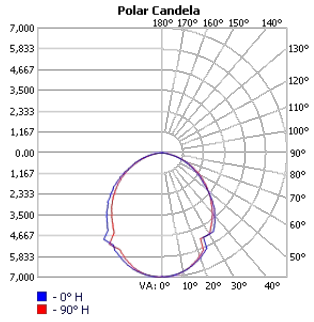
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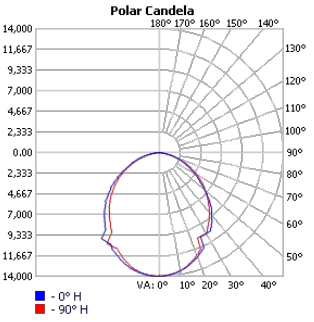
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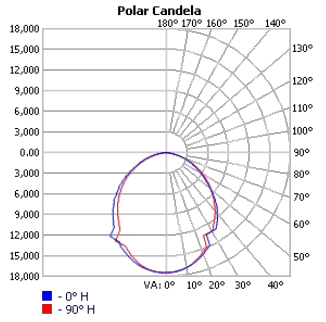
TECHOLED-HALO-D-118-HI-30



TECHOLED-HALO-D-196-LO-30



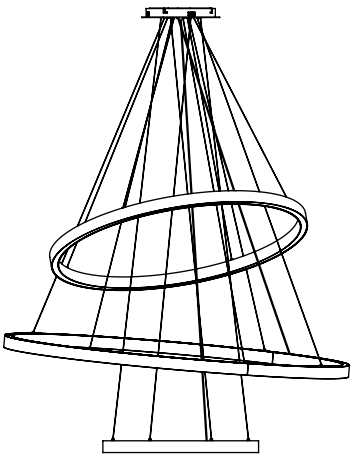
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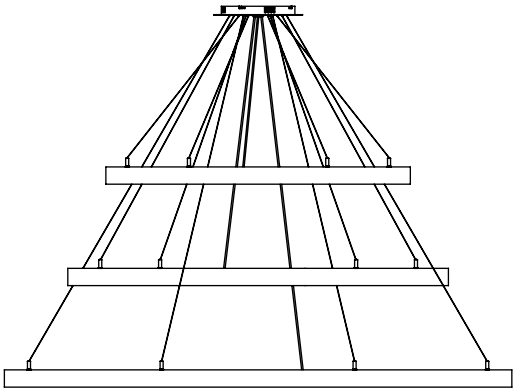


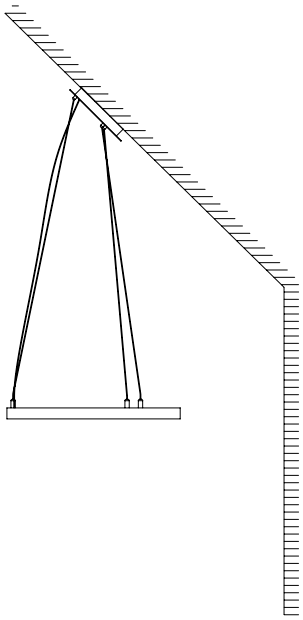
TECHOLED-HALO-D-196-HI-30

Project:	Type:
	Comments:

Mounting Option Examples







techoLED®
BROOKLYN • NY

HALO SERIES - DIRECT

Rev. Date: 11/23/2026

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

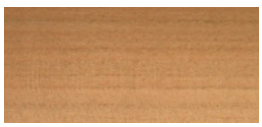

RAL 1036


RAL 8029

Any RAL color available, please refer to ralcolorchart.com

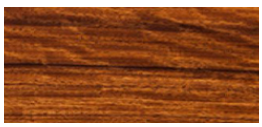
Custom Wooden Colors


American Walnut


Cherry


Maple


Light Oak


Palisander Santos