techoLED®
BROOKLYN • NY

MOON SERIES - DIRECT

Rev. Date: 09/10/2026

Project:	Type:
	Comments:



Highlights

The TechoLED Moon series features smooth, round LED luminaires made with high-end aluminum extrusion and a PMMA diffuser. With diameters ranging from 11.8” to 47.2” (or a custom size of your choice), direct and direct/indirect illumination, and surface-mounted or pendant installation, it offers a simple yet sleek lighting solution for any modern interior.

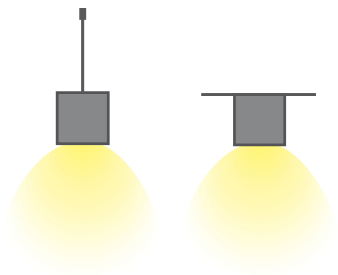
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 50,000 hour rated lifespan. Custom lumen packages available.

Optical: Direct configuration, 115° Beam angle

Construction: Damp location listed. High grade aluminum extrusion, PMMA diffuser, integral driver (inside canopy in pendant version), powder coat finish, custom finishes available.

5-year limited warranty

Installation



Pendant (P)

Surface Mount (SM)

techoLED®
BROOKLYN • NY

MOON SERIES - DIRECT

Rev. Date: 09/10/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Diameter	Output	Color Temp.	Voltage	Finish
TECHOLED-MS-D-11-ME-30-U-S	Direct	11.8"	Medium	3000K	110-277V	Silver

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-WATTAGE	
MS	MS - Circle	D	Direct	11	11.8"	HI	High
				15	15.7"	LO	Low
				18	18.9"	ME	Medium
				23	23.6"		
				35	35.4"		
				47	47.2"		

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						
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		

techoLED®
BROOKLYN • NY

MOON SERIES - DIRECT

Rev. Date: 09/10/2026

Project:	Type:
	Comments:

Lumen Output Details

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-MS-D-11-ME-30-U-S	11.8"	Medium	3000K	18W	1530Lm
TECHOLED-MS-D-11-HI-30-U-S	11.8"	High	3000K	25W	2125Lm
TECHOLED-MS-D-15-LO-30-U-S	15.7"	Low	3000K	18W	1530Lm
TECHOLED-MS-D-15-ME-30-U-S	15.7"	Medium	3000K	20W	1700Lm
TECHOLED-MS-D-15-HI-30-U-S	15.7"	High	3000K	30W	2550Lm
TECHOLED-MS-D-18-LO-30-U-S	18.9"	Low	3000K	18W	1530Lm
TECHOLED-MS-D-18-ME-30-U-S	18.9"	Medium	3000K	25W	2125Lm
TECHOLED-MS-D-18-HI-30-U-S	18.9"	High	3000K	40W	3400Lm
TECHOLED-MS-D-23-LO-30-U-S	23.6"	Low	3000K	25W	2125Lm
TECHOLED-MS-D-23-ME-30-U-S	23.6"	Medium	3000K	40W	3400Lm
TECHOLED-MS-D-23-HI-30-U-S	23.6"	High	3000K	60W	5100Lm
TECHOLED-MS-D-35-LO-30-U-S	35.4"	Low	3000K	50W	4250Lm
TECHOLED-MS-D-35-ME-30-U-S	35.4"	Medium	3000K	90W	7650Lm
TECHOLED-MS-D-35-HI-30-U-S	35.4"	High	3000K	135W	11475Lm
TECHOLED-MS-D-47-LO-30-U-S	47.2"	Low	3000K	80W	6800Lm
TECHOLED-MS-D-47-ME-30-U-S	47.2"	Medium	3000K	150W	12750Lm
TECHOLED-MS-D-47-HI-30-U-S	47.2"	High	3000K	200W	17000Lm

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

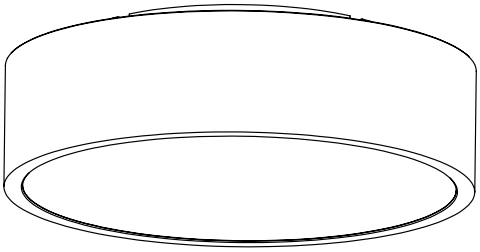
Options (cont.) Details

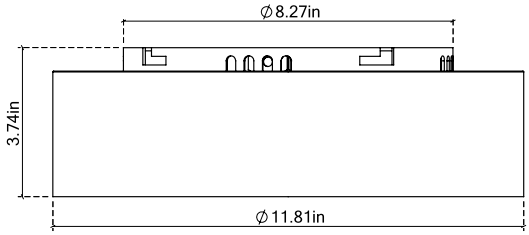
Code	Description
EM	Emergency Battery Backup (remote)

Project:	Type:
	Comments:

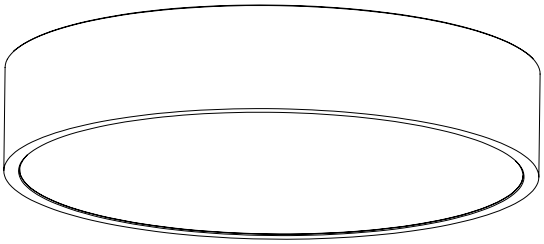
Dimensions and Mounting (Surface Mount)

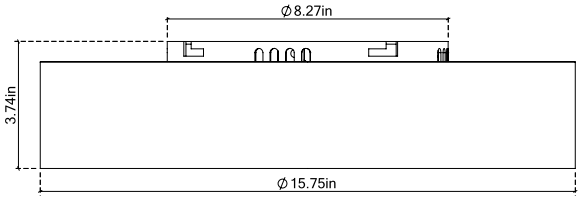
TECHOLED-MS-D-11-18



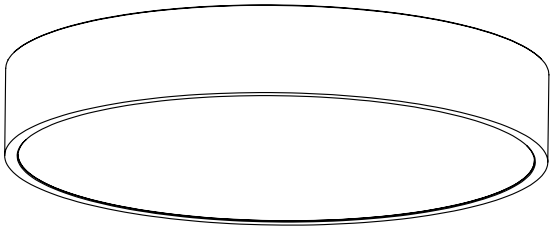


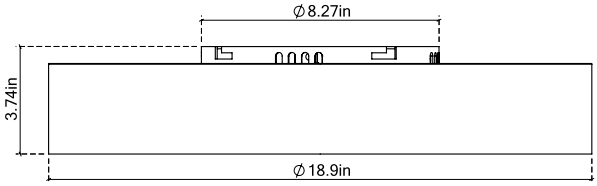
TECHOLED-MS-D-15-20





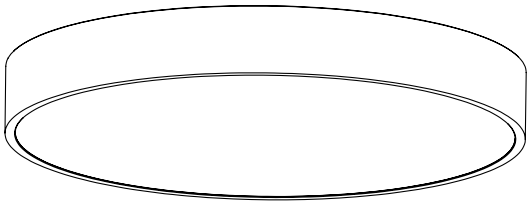
TECHOLED-MS-D-18-25

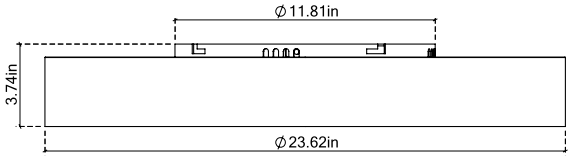




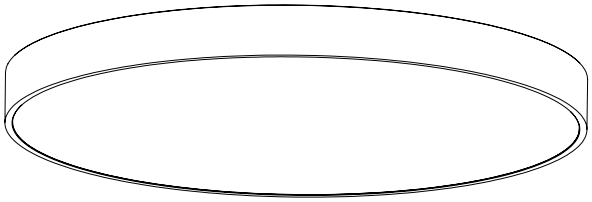
Project:	Type:
	Comments:

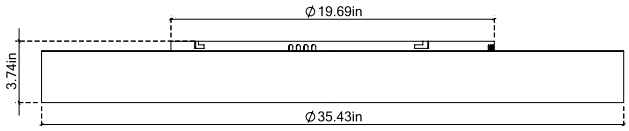
TECHOLED-MS-D-23-40



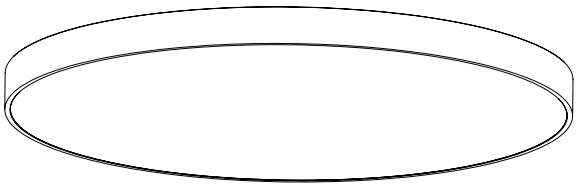


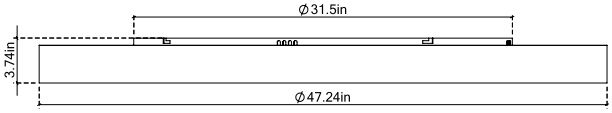
TECHOLED-MS-D-35-90





TECHOLED-MS-D-47-150

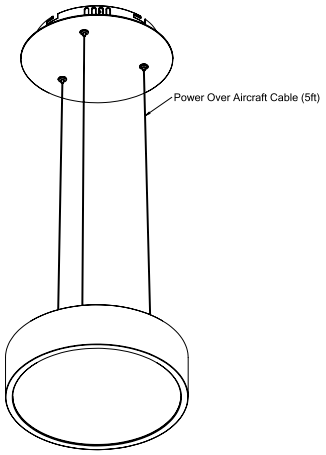


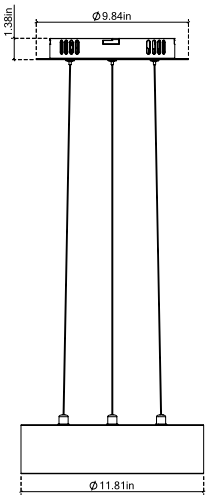


Project:	Type:
	Comments:

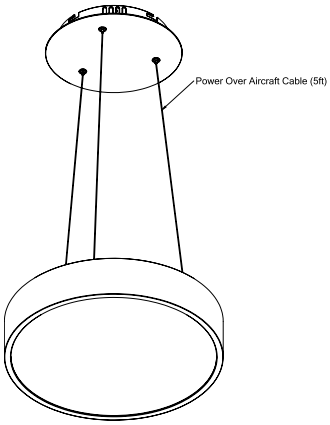
Dimensions and Mounting (Pendant)

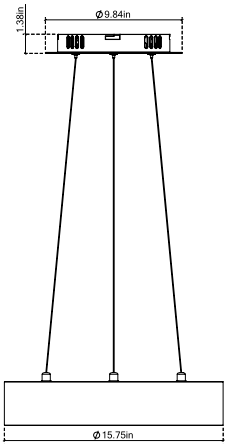
TECHOLED-MS-D-11-18



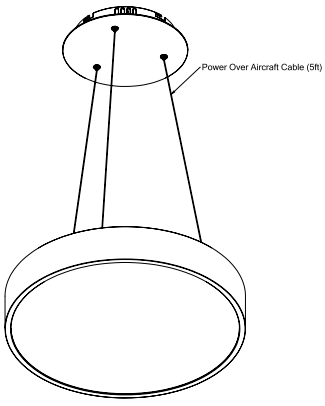


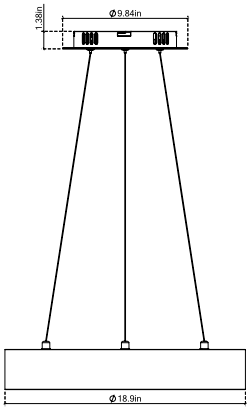
TECHOLED-MS-D-15-20



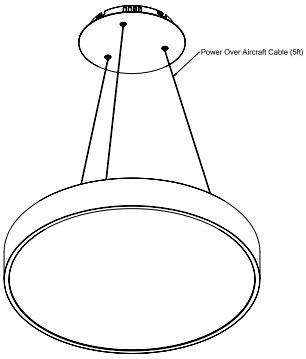


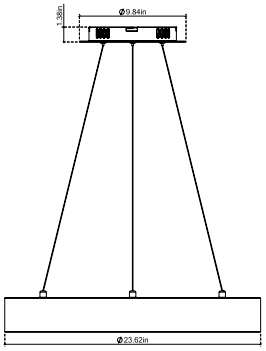
TECHOLED-MS-D-18-25





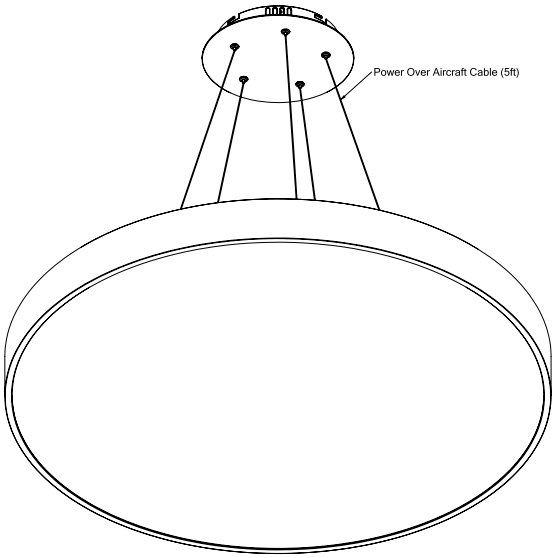
TECHOLED-MS-D-23-40

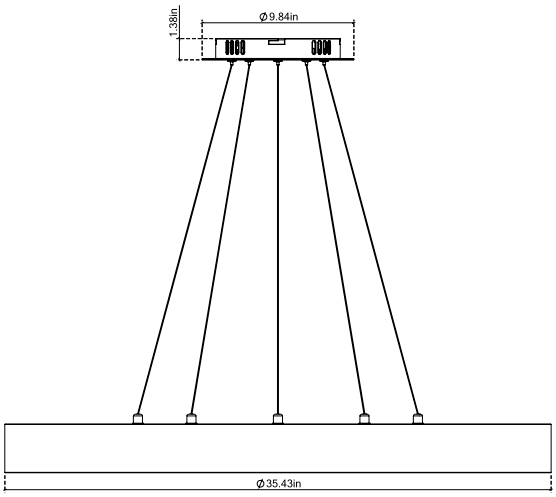




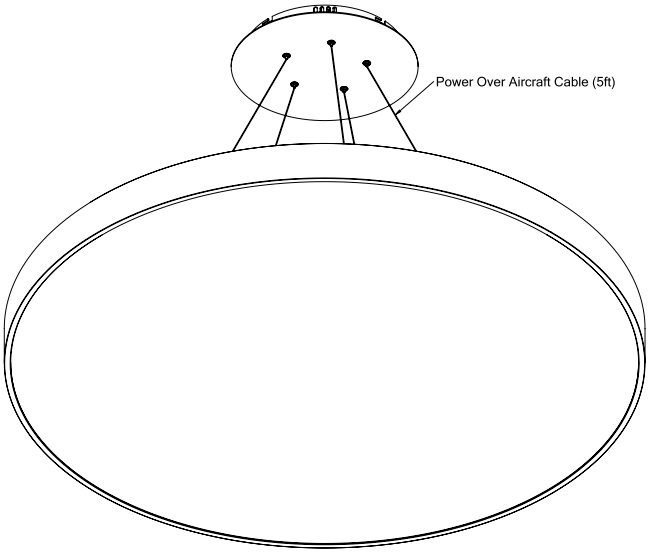
Project:	Type:
	Comments:

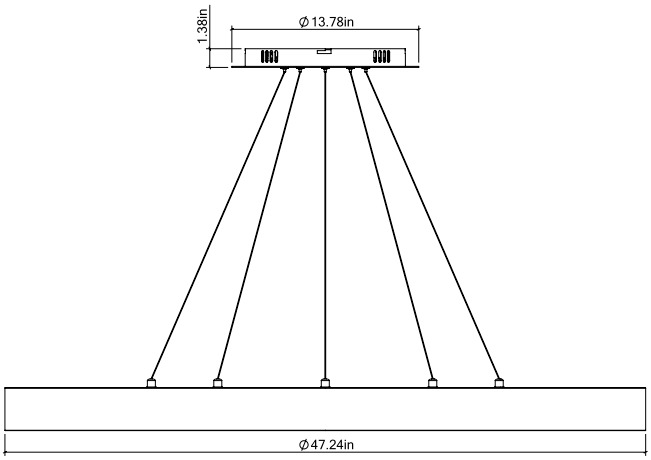
TECHOLED-MS-D-35-90





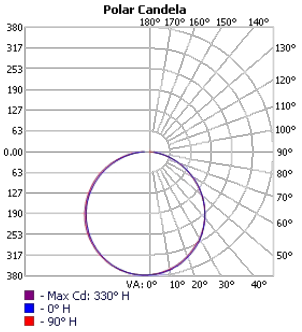
TECHOLED-MS-D-47-150



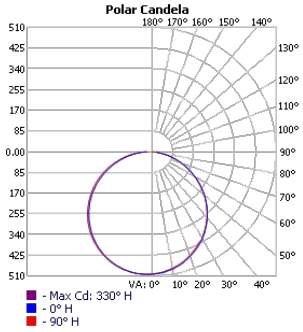


Project:	Type:
	Comments:

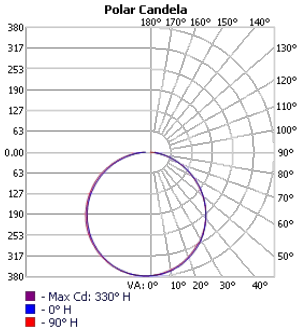
Photometrics



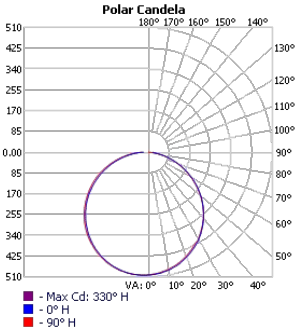
TECHOLED-MS-D-11-ME-30



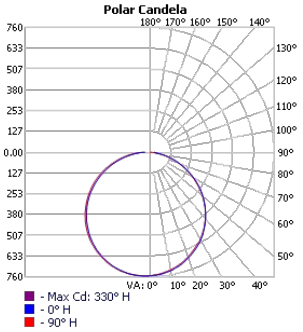
TECHOLED-MS-D-11-HI-30



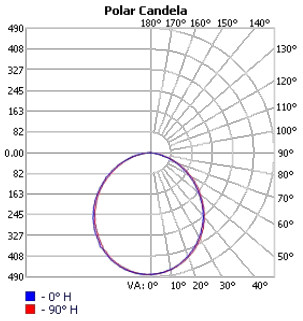
TECHOLED-MS-D-15-LO-30



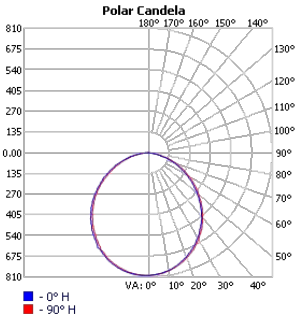
TECHOLED-MS-D-15-ME-30



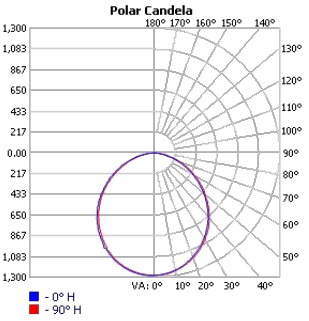
TECHOLED-MS-D-15-HI-30



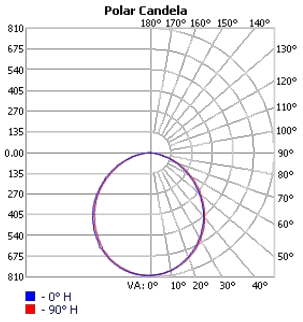
TECHOLED-MS-D-18-LO-30



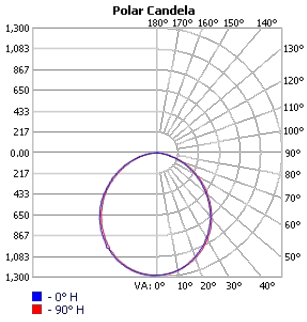
TECHOLED-MS-D-18-ME-30



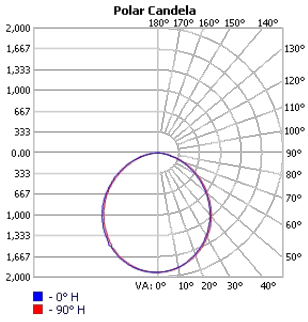
TECHOLED-MS-D-18-HI-30



TECHOLED-MS-D-23-LO-30



TECHOLED-MS-D-23-ME-30



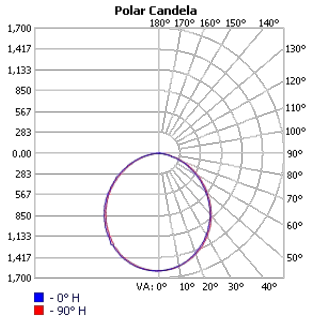
TECHOLED-MS-D-23-HI-30

techoLED®
BROOKLYN • NY

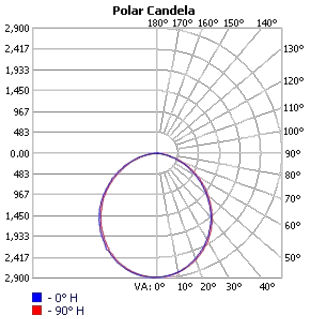
MOON SERIES - DIRECT

Rev. Date: 09/10/2026

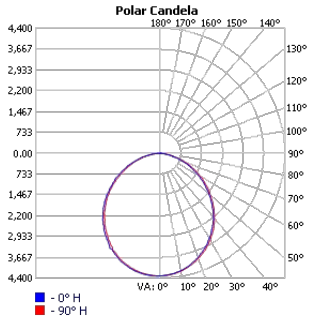
Project:	Type:
	Comments:



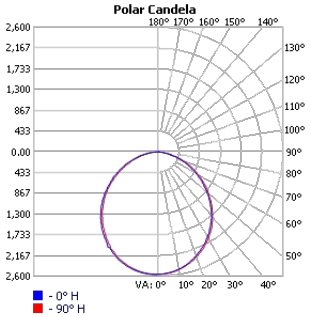
TECHOLED-MS-D-35-LO-30



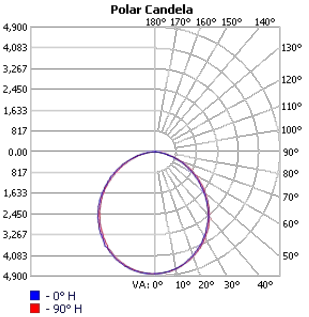
TECHOLED-MS-D-35-ME-30



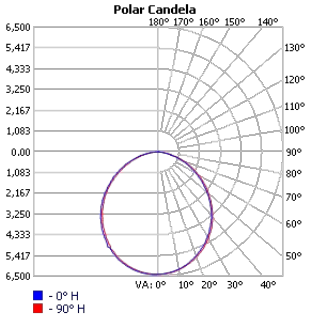
TECHOLED-MS-D-35-HI-30



TECHOLED-MS-D-47-LO-30



TECHOLED-MS-D-47-ME-30



TECHOLED-MS-D-47-HI-30

techoLED®
BROOKLYN • NY

MOON SERIES - DIRECT

Rev. Date: 09/10/2026

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

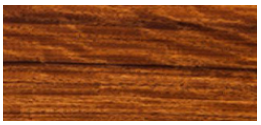
Custom Wooden Colors


American Walnut


Cherry


Maple

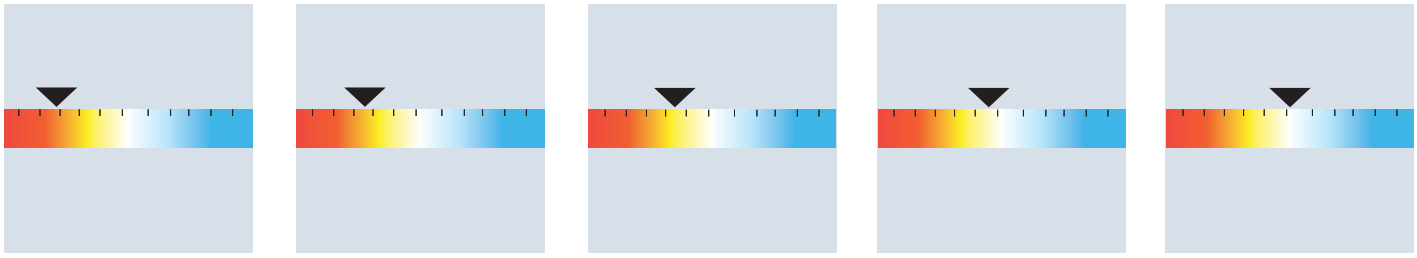

Light Oak


Palisander Santos

Project:	Type:
	Comments:

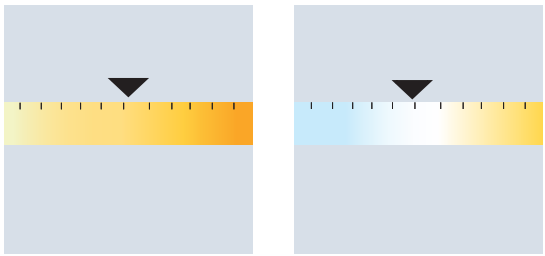
Color Temperature

Color Temperature



2700K | 3000K | 3500K | 4000K | 5000K

Tunable White



Dim To Warm | Tunable White