

Project:	Type:
	Comments:



Highlights

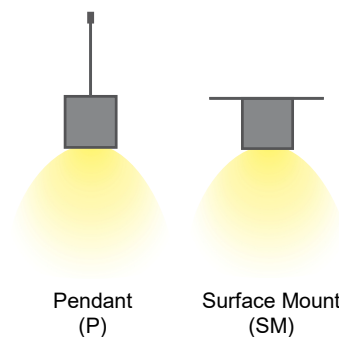
The TechoLED Moon series features smooth, round LED luminaires made with high-end aluminum extrusion and a PMMA diffuser. With diameters ranging from 23.6" to 47.2" (or a custom size of your choice), direct and direct/indirect illumination, and surface-mounted or pendant installation, it offers a simple 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/Indirect configuration, 90° 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.

Installation



Project:	Type:
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Configuration Example

Model #	Distribution	Diameter	Output	Color Temp.	Voltage	Finish
TECHOLED-MR-D-35-ME-30-U-S	Direct	35.4"	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	
MR	Moon - regressed	D	Direct	23	23.6"	HI	High
		DI	Direct/Indirect	35	35.4"	LO	Low
		DI2	D/I2-circuit	47	47.2"	ME	Medium
5-COLOR TEMP.		6-VOLTAGE		7-FINISH - EXTERIOR		8-FINISH - INTERIOR	
27	2700K	U	110-277V	S	Silver	S	Silver
30	3000K	HV	347V	W	White	W	White
35	3500K			B	Black	B	Black
40	4000K			C	Custom (RAL#)	C	Custom (RAL#)
RGB	RGB						
RGBW	RGBW						
D	Tunable White						
9-MOUNTING		10-DRIVER OPTIONS		11-OPTIONS		12-OPTIONS (CONT.)	
P	Pendant	DM	0-10V Dimming	RF-D	Remote Tunable (RF only)	EM	EM Battery (remote)
PS	Pendant (Stem)	2C	2 Channel	RF-R	Remote RGB/W (RF only)	X	None
SM	Surface Mount	DM1%	1% Dimming	M	Motion Sensor (remote)		
		LT1	LDE1 Lutron 1%	BM	BubblyNet BT Mesh		
		DA	Dali	CS	Casambi		
		DMX	DMX	AWN	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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Lumen Output Details

Model #	Diameter	Output	Color Temp.	Wattage	Down Lumen Out.	Up Lumen Out.
TECHOLED-MR-D-23-LO-30-U-S	23.6"	Low	3000K	20W	1700Lm	
TECHOLED-MR-D-23-ME-30-U-S	23.6"	Medium	3000K	40W	3400Lm	
TECHOLED-MR-D-23-HI-30-U-S	23.6"	High	3000K	60W	5100Lm	
TECHOLED-MR-D-35-LO-30-U-S	35.4"	Low	3000K	45W	3825Lm	
TECHOLED-MR-D-35-ME-30-U-S	35.4"	Medium	3000K	90W	7650Lm	
TECHOLED-MR-D-35-HI-30-U-S	35.4"	High	3000K	135W	11475Lm	
TECHOLED-MR-D-47-LO-30-U-S	47.2"	Low	3000K	90W	7650Lm	
TECHOLED-MR-D-47-ME-30-U-S	47.2"	Medium	3000K	180W	15300Lm	
TECHOLED-MR-D-47-HI-30-U-S	47.2"	High	3000K	270W	22950Lm	
TECHOLED-MR-DI-23-LO-30-U-S	23.6"	Low	3000K	30W	1700Lm	850Lm
TECHOLED-MR-DI-23-ME-30-U-S	23.6"	Medium	3000K	60W	3400Lm	1700Lm
TECHOLED-MR-DI-23-HI-30-U-S	23.6"	High	3000K	120W	6800Lm	3400Lm
TECHOLED-MR-DI-35-LO-30-U-S	35.4"	Low	3000K	60W	3060Lm	2040Lm
TECHOLED-MR-DI-35-ME-30-U-S	35.4"	Medium	3000K	120W	6800Lm	3400Lm
TECHOLED-MR-DI-35-HI-30-U-S	35.4"	High	3000K	180W	9860Lm	5440Lm
TECHOLED-MR-DI-47-LO-30-U-S	47.2"	Low	3000K	110W	5610Lm	3740Lm
TECHOLED-MR-DI-47-ME-30-U-S	47.2"	Medium	3000K	220W	11220Lm	7480Lm
TECHOLED-MR-DI-47-HI-30-U-S	47.2"	High	3000K	325W	16660Lm	11220Lm

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

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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

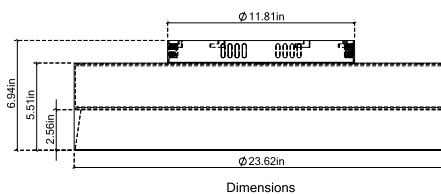
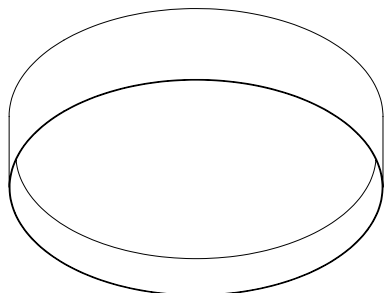
Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

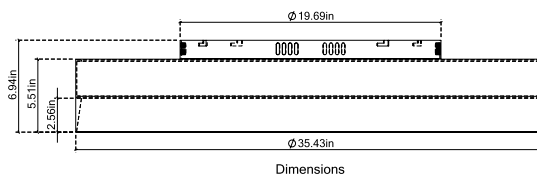
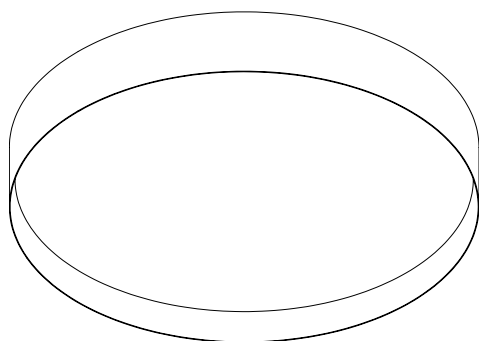
Project:	Type:
	Comments:

Dimensions and Mounting (Surface Mount)

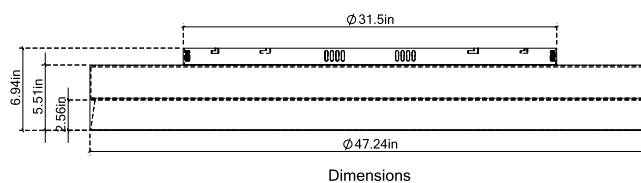
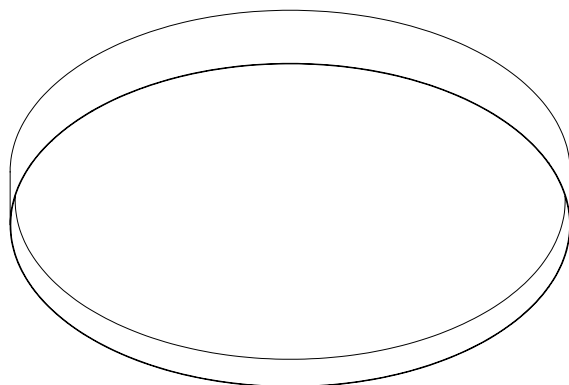
TECHOLED-MR-D-23



TECHOLED-MR-D-35



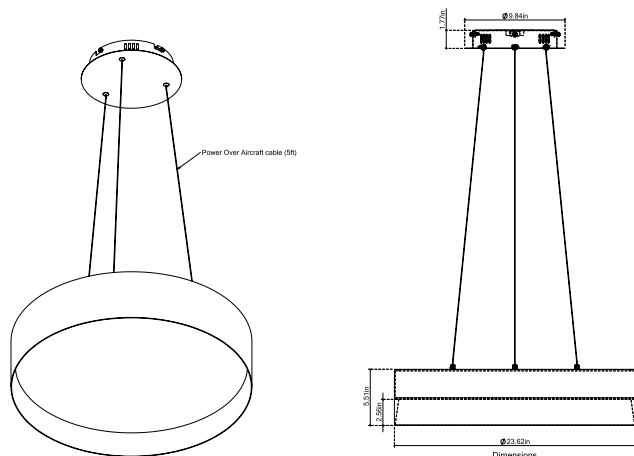
TECHOLED-MR-D-47



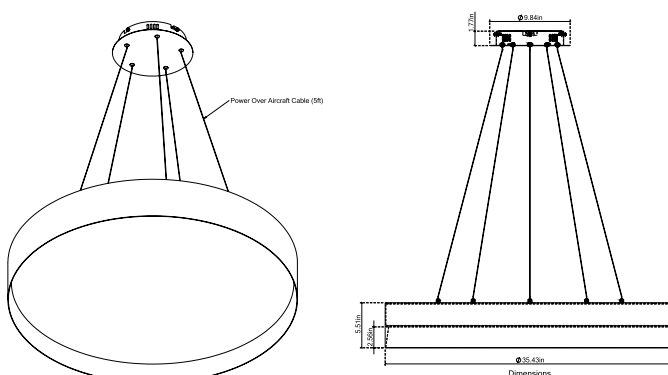
Project:	Type:
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Dimensions and Mounting (Pendant)

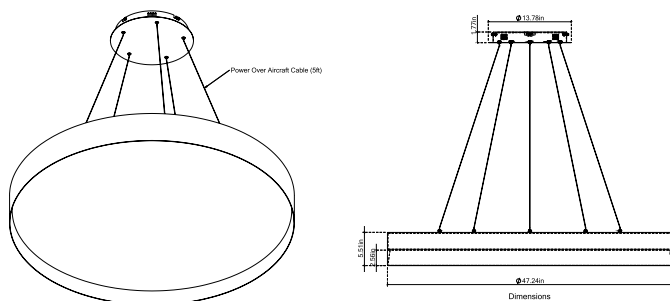
■ TECHOLED-MR-DI-23



■ TECHOLED-MR-DI-35

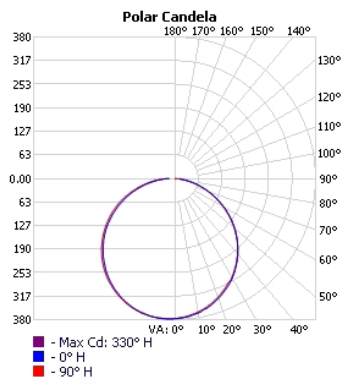


■ TECHOLED-MR-DI-43

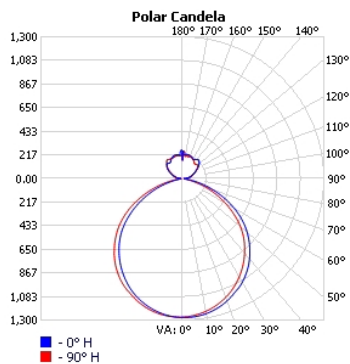


Project:	Type:
	Comments:

Photometrics



TECHOLED-MR-D



TECHOLED-MR-DI

Custom Colors Examples



RAL 1003



RAL 2004



RAL 3000



RAL 4001



RAL 5002

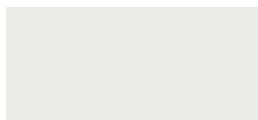


RAL 6000

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

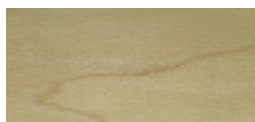
■ Custom Wooden Colors



American Walnut



Cherry



Maple



Light Oak

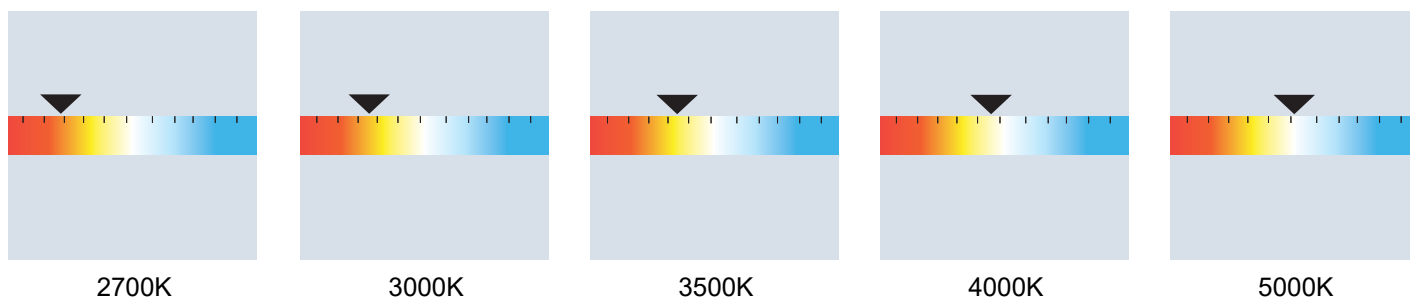


Palisander Santos

Project:	Type:
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Color Temperature

Color Temperature



Tunable White

