



The Melo Cylinder would greatly create possibilities in the whole commercial area. Multiple sizes, beam options , and high visual comfort COB LED. It is now available in pendant surface and wall mount configurations which offers a beautiful and achitectual cylinder solutions.

TECHNICAL DATA

Wattage

4 inch 25W/18W/12W

6 inch 40W/30W/20W

8 inch 58W/44W/29W

Optics 15°/24°/36°/60° (clear lens)

105° (frosted lens for 4" & 6")

70°(drop lens only for 4")

Wall wash (only for 4")

CRI 80(standard), 90+(optional)

CCT 2700K, 3000K, 3500K, 4000K

Driver 0-10V Dimming, dim to 1%

TRIAC Dimming

Input Voltage 120-277V, 50/60Hz

Operating Temp. -4°F to 77°F(-20°C to 25°C)

Certifications cULus conforms to UL Std. 1598

Cert. to CSA Std. C22.2 No.250.0

Suitable for damp locations

RoHS compliant

Power Factor >0.9 at full load

Harmonic Distortion <20% at full load

Projected Lifetime L70 - 100,000 Hours

FEATURES

- **Optical Performance:** COB LED chip with a standard CRI of 80+ and an optional high CRI of 90+, offering a selection of beam angles including 15°, 24°, 36°, 60°, 105°, 70°(for drop lens) and wall wash .
- **Mounting Options:** Modular design with pendant, surface and wall mount.



Modular design for endless possibilities

These models blend timeless aesthetics and high-performance COB LED to create pleasant, uniformly illuminated indoor environments.



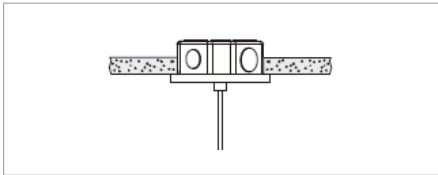
ORDERING INFORMATION

EXAMPLE: MELO04R-SP30901-10D-36-WH-WH

MELO							
1. Series	2. Size	3. Shape	4. Power	5. CCT	6. CRI	7. Voltage	8. Dimming
MELO	04 4 inch 06 6 inch 08 8 inch	R Round	SP Wattage Selectable 25W/18W/12W for 4inch 40W/30W/20W for 6inch 58W/44W/29W for 8inch *Static wattages available.	27 2700K 30 3000K 35 3500K 40 4000K	80 80+ CRI (Standard) 90 90+ CRI (Optional)	1 120-277V	01D 0-10V Dimming, dim to 1% or Triac Dimming *Triac dimming only works at 120V.
9. Installation		10. Beam Angle	11. Baffle		12. Options		13. Finish
Blank Surface mount for recessed J-box ACPMK Aircraft Cable Pendant Mount Kits RPMK Rod Pendant Mount Kits WM Wall Mount <i>*Aircraft & rod pendant mount and conduit surface mount need to order separate mount kits.</i> <i>Please refer to the following accessory table for details.</i>		15 15° clear lens 24 24° clear lens 36 36° clear lens 60 60° clear lens 105 105° frosted lens <i>*105° frosted lens is only available for 4 inch & 6 inch. Actual beam angle will vary if used with HCB or SDL.</i>	<i>Anti-glare reflector</i> WH White BK Black GD Golden CM Chrome		Blank None HCB Honeycomb SDL Soft Diffused Lens <i>*HCB or SDL are only for anti-glare reflector. HCB and SDL can't be used together.</i>		WH White BK Black <i>*White or black finish is standard. Custom color is available for a premium setup fee.</i> <i>Consult customer service for additional information.</i>
		70 70° Drop Lens <i>*Drop lens is only available for 4 inch.</i>	<i>Drop Lens</i> DL Drop Lens 1 inch thickness				
		WW Wall wash <i>*Wall wash is only available for 4 inch.</i>	<i>Wall Wash</i> WH White				

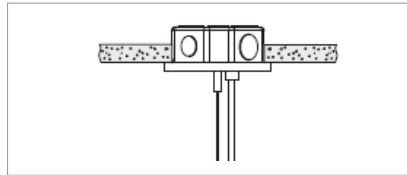
ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)

For Recessed Junction Box



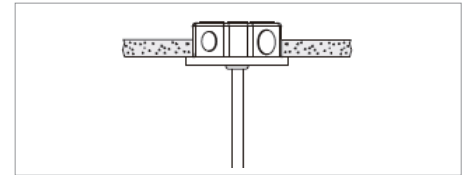
MELO-PMK-AC-RM-4-4FT-WH
MELO-PMK-AC-RM-4-4FT-BK

Aircraft cable mount for 4" MELO, 4ft long cable, (recessed junction box). WH is for white. BK is for black.



MELO-PMK-AC-RM-6/8-4FT-WH
MELO-PMK-AC-RM-6/8-4FT-BK

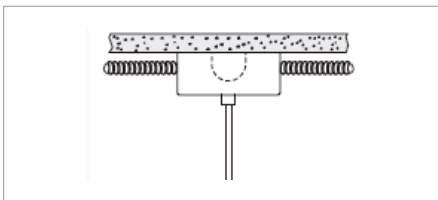
Aircraft cable mount for 6" and 8" MELO, 4ft long cable, (recessed junction box). WH is for white. BK is for black.



MELO-PMK-RS-RM-4/6/8-4FT-WH
MELO-PMK-RS-RM-4/6/8-4FT-BK

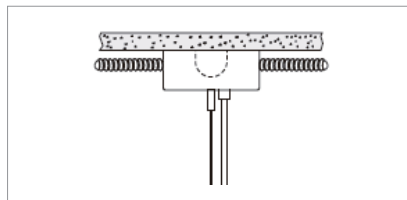
Rigid stem mount for 4"/6"/8" MELO, 4ft long stem, (recessed junction box). WH is for white. BK is for black.

For Conduit Surface Junction Box



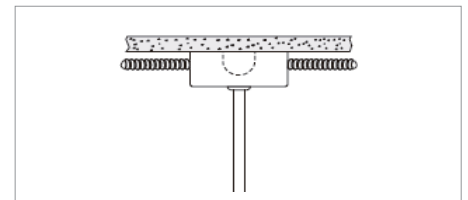
MELO-PMK-AC-SM-4-4FT-WH
MELO-PMK-AC-SM-4-4FT-BK

Aircraft cable mount for 4" MELO, 4ft long cable, (conduit surface junction box). WH is for white. BK is for black.



MELO-PMK-AC-SM-6/8-4FT-WH
MELO-PMK-AC-SM-6/8-4FT-BK

Aircraft cable mount for 6" and 8" MELO, 4ft long cable, (conduit surface junction box). WH is for white. BK is for black.



MELO-PMK-RS-SM-4/6/8-4FT-WH
MELO-PMK-RS-SM-4/6/8-4FT-BK

Rigid stem mount for 4"/6"/8" MELO, 4ft long stem, (conduit surface junction box). WH is for white. BK is for black.



MELO-SMK-SM-SM-4/6/8-WH
MELO-SMK-SM-SM-4/6/8-BK

Conduit surface mount kits for 4"/6"/8" MELO, (conduit surface junction box). WH is for white. BK is for black.

Note:

4ft cable and rigid stem are standard. 2ft/8ft/12ft are available. Please contact Customer Service.

ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



AAL-EBU-AC08D-YYY

Remote 8W LED Emergency Battery Back-up 120-347VAC

AAL-EBU-AC15D-YYY

Remote 15W LED Emergency Battery Back-up 120-347VAC

AAL-EBU-AC25D-YYY

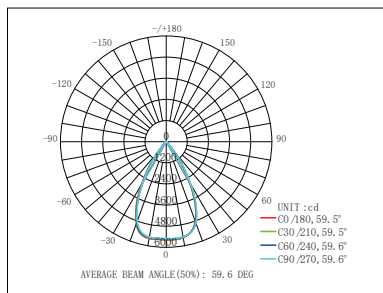
Remote 25W LED Emergency Battery Back-up 120-347VAC

NOTE:

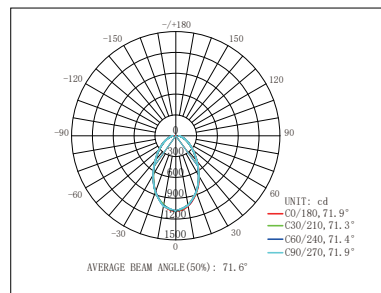
1. The 8W EBU supports up to 60W total lighting load, 15W EBU supports up to 100W total lighting load, while the 25W EBU supports up to 150W total lighting load.
2. The dimming control wire is optional when the combined power of all connected lights is lower than the EBU's rated power.
3. The dimming control wire must be connected when the total power of all connected lights exceeds the EBU's rated capacity.

PHOTOMETRY

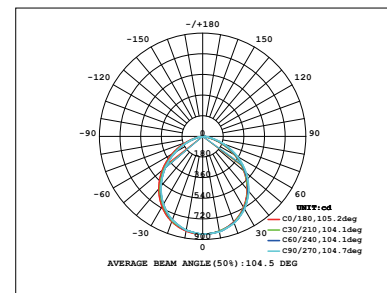
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



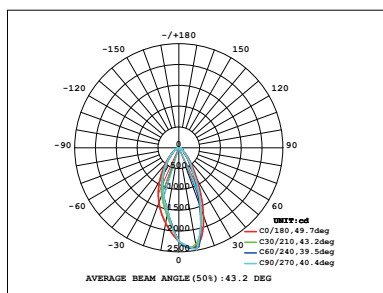
60°



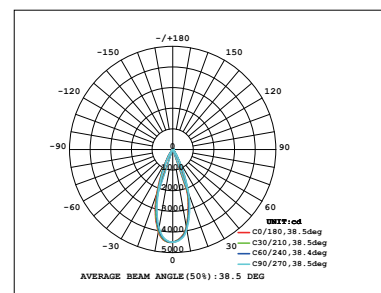
70° drop lens



105°



Wall Wash



38°

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Wattage	2700K		3000K		3500K		4000K	
	Ra>80	Ra>90	Ra>80	Ra>90	Ra>80	Ra>90	Ra>80	Ra>90
25W/18W/12W selectable	2250lm 90lm/w	1900lm 76lm/w	2375lm 95lm/w	2000lm 80lm/w	2450lm 98lm/w	2050lm 82lm/w	2500lm 100lm/w	2100lm 84lm/w
40W/30W/20W selectable	4000lm 100lm/w	3400lm 85lm/w	4200lm 105lm/w	3560lm 89lm/w	4320lm 108lm/w	3640lm 91lm/w	4400lm 110lm/w	3720lm 93lm/w
58W/45W/30W selectable	4930lm 85lm/w	4176lm 72lm/w	5220lm 90lm/w	4408lm 76lm/w	5394lm 93lm/w	4524lm 78lm/w	5510lm 95lm/w	4640lm 80lm/w

*The above lumen outputs apply to highest wattage with white trim and 60° beam angle.

Correlated Trim Color Multiplier	White Trim	Black Trim	Gold Trim	Chrome Trim
Multiplier for Lumen Output	1	0.92	0.97	0.94

DIMMER COMPATIBLE

0-10V Dimming (Dim to 10%)

LEVITON DD710	LUTRON MS-Z101	LUTRON NTSTV-DV	LEGRAND RH4FBL3PTC	LUTRON DVSTV	LEVITON IP710
✓	✓	✓	✓	✓	✓

0-10V Dimming (Dim to 1%)

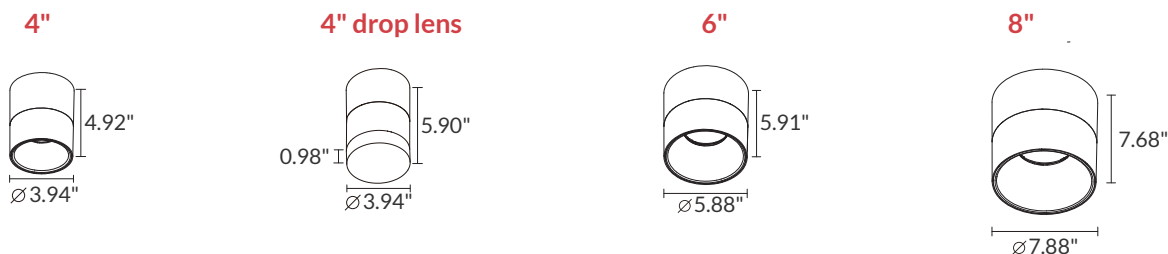
LEVITON DD710	LUTRON MS-Z101	LUTRON NTSTV-DV	LEGRAND RH4FBL3PTC	LUTRON DVSTV	LEVITON IP710
✗	4% below	✓	✓	✓	✓

TRIAC Dimming

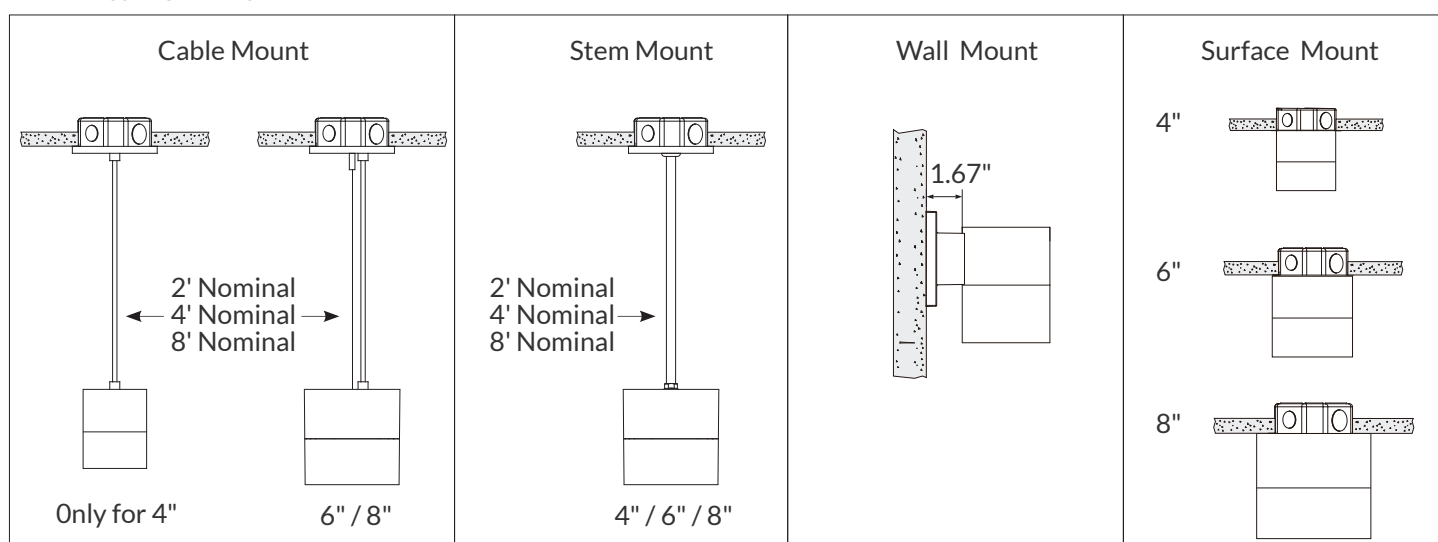
DV600P	DVCL-153P	6683	DV603P	6672	S-600P	MSCL-DP153M	S-603P
✓	✓	✓	✓	✗	✓	✓	✓

LG-600P	TGCL-153DH	SCL-153P	6674-LEVITON	CTCL-153P	CT-603PG
✓	✓	✓	✓	✓	✓

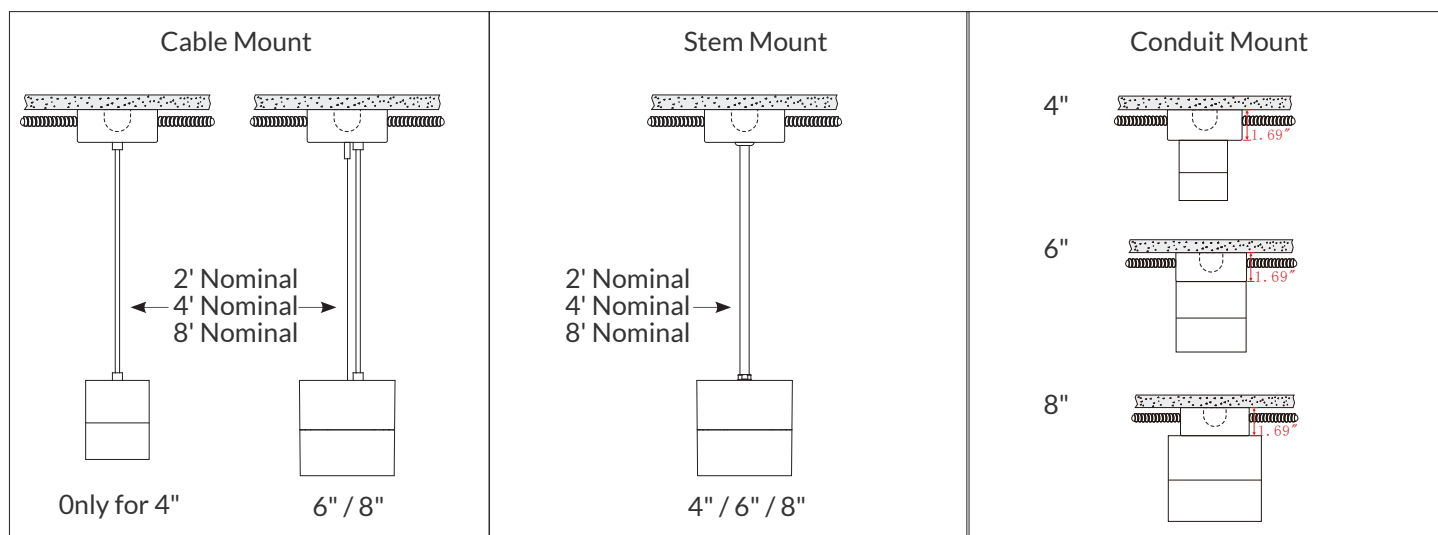
DIMENSIONS



For recessed J-boxes



For conduit surface J-boxes



CANOPY OPTIONS

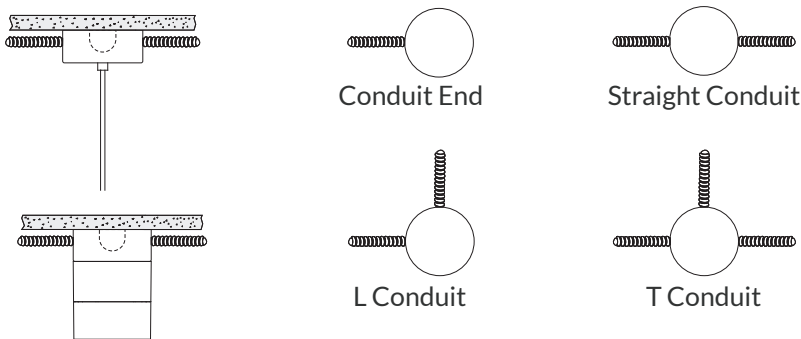
Flat Canopy For Recessed J-box

If J-box is recessed (3" octagon, 4" octagon and 4" round), a 4.5" flat canopy is provided for mounting to recessed junction box in white or black powder coat painted finish.

Conduit Deep Canopy For Conduit surface J-box

If standard 4" octagonal J-box is surface mounted, a Ø5.97" round x 2.38" deep canopy with conduit cutout is provided for mounting. Conduit cutout canopy has 4 key slots, one in each side, and can be configured to accommodate any ceiling layout using 1/2" or 3/8" conduit. Conduit cutout canopy is provided white and black powder coat painted finish.

Conduit Mounting Example



MOUNTING

Cable Pendant Mount

White/black cable is provided in length specified (4' standard). Installers can cut the cable in the field to desired length.

Notes:

1. For 4", the cable and aircraft cable is combined in one pipe.
2. For 6" and 8", the cable and aircraft cable are separated.

Stem Pendant Mount

Ø12/25" steel stem is provided in length specified (4' standard) and is provided in white or black finish.

Swivel design suitable for a sloped ceiling.

Surface Mount

Surface mount to recessed or surface conduit junction box.

Wall Mount

Wall mount to recessed junction box.

MOUNTING

Pendant Mount

For Recessed J-box



Cable Pendant
4"



Cable Pendant
6" / 8"



Stem Pendant
Tilt up to 30°
4" / 6" / 8"

For Conduit Surface J-box



Cable Pendant
4"



Cable Pendant
6" / 8"



Stem Pendant
Tilt up to 30°
4" / 6" / 8"

Surface Mount

For Recessed J-box



Surface Mount
4" / 6" / 8"

For Conduit Surface J-box



Surface Mount 4"

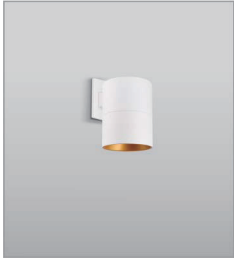


Surface Mount 6"



Surface Mount 8"

Wall Mount



Wall Mount 4"



Wall Mount 6"



Wall Mount 8"