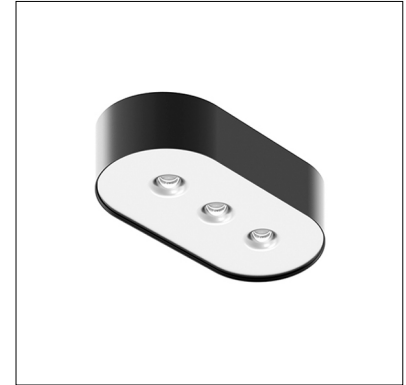


# MULTICONE ROUND-OVAL C

Multicone is a family of round, square or rectangle fixtures that have a minimal design and modern technology that can be surface-mounted (wall or ceiling), recessed (with or without trim), or suspended suitable for indoor environments. The innovative Multicone technology involves retracting the lens together with the LED source in a mechanically formed front resulting in natural light that is healthy for the eyes with UGR<19. Multicone Round-Oval C is a ceiling mounted version offered in 1 oval shape or 4 round shapes with 4 standard finishes.



Fixture dimensions - see page 2

## TECHNICAL DATA

<b>Wattage</b>	4.7W (Oval 3 C), 6.3W (Round 4 C), 9.4W (Round 6 C), 14.1 (Round 9 C), Round 16 C: 15.9W (Low Output), 18.1W (High Efficacy), 22.7W (Medium Output), 25W (High Output)
<b>Power Supply</b>	Remote 500mA, not included. See page 2.
<b>Construction</b>	Body: Powder Coated Steel
<b>CCT</b>	3000K, 4000K
<b>CRI</b>	>80
<b>Delivered Lumens</b>	See chart on page 2
<b>Efficacy</b>	See chart on page 2
<b>Optics</b>	60° (UGR<19)
<b>LED Source</b>	PCB LED
<b>Lumen Maintenance</b>	50,000 hrs L80, B10 (Ta 25°C)
<b>Color Consistency</b>	3-Step MacAdam
<b>Finishes</b>	White (RAL9016), Black (RAL9005), Fog (RAL7038), Graphite (RAL7024)
<b>Fixture Dimensions</b>	See chart on page 2
<b>IP Rating</b>	IP20

## ORDERING INFORMATION

Example: IO5.2312.01C1.027W.54.US. Power Supplies ordered separately.

	.	0			W	.			.US
Model No.	Driver	CCT	LED Power	Optic	Body Finish	Front Finish			
IO5.2312.01C1 - Oval 3 C	0 - Remote	2 - 3000K	7 - High Output	W - 60°	4 - White	4 - White			.US
IO5.2302.02C1 - Rnd 4 C		3 - 4000K	6 - High Efficiency (16 F only)		5 - Black	5 - Black			
IO5.2302.03C1 - Rnd 6 C			5 - Low Output (16 F only)		G - Fog	G - Fog			
IO5.2302.04C1 - Rnd 9 C			M - Medium Output (16 F only)		H - Graphite	H - Graphite			
IO5.2302.05C1 - Rnd 16 C			<b>NOTE:</b> Medium Output (MO), High Efficiency (HE), and Low Output (LO) only available for Round 16 C						

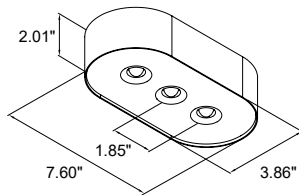
Job Name/Date:

Fixture Type Designation:

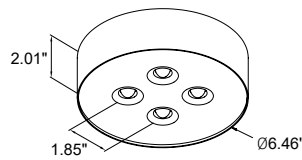
## TECHNICAL DATA

	Oval 3 C (HO)	Round 4 C (HO)	Round 6 C (HO)	Round 9 C (HO)
<b>Wattage</b>	4.7W	6.3W	9.4W	14.1W
<b>Delivered Lumens (4000K)</b>	655 lm	875 lm	1315 lm	1970 lm
<b>Efficacy</b>	139.4 lm/W	138.9 lm/W	139.9 lm/W	139.7 lm/W
<b>Fixture Dim. (l,w,h)</b>	7.60" x 3.86" x 2.01"	Ø6.46" x 2.01"	Ø7.56" x 2.01"	Ø9.09" x 2.01"
	Round 16 C (LO)	Round 16 C (HE)	Round 16 C (MO)	Round 16 C (HO)
<b>Wattage</b>	15.9W	18.1W	22.7W	25W
<b>Delivered Lumens (4000K)</b>	2385 lm	2680 lm	3285 lm	3525 lm
<b>Efficacy</b>	150 lm/W	148.1 lm/W	144.7 lm/W	141 lm/W
<b>Fixture Dim. (l,w,h)</b>	Ø11.69" x 2.01"	Ø11.69" x 2.01"	Ø11.69" x 2.01"	Ø11.69" x 2.01"

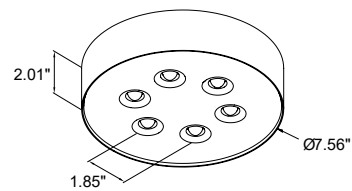
## FIXTURE DIMENSIONS



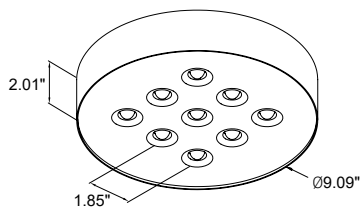
Oval 3 C



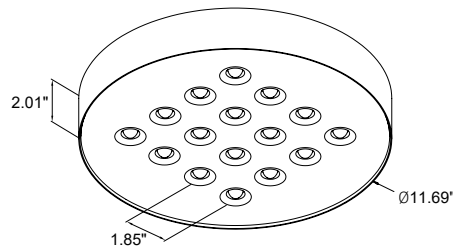
Round 4 C



Round 6 C



Round 9 C



Round 16 C

## FINISHES

-  white (RAL9016)
-  fog (RAL7038)
-  graphite (RAL7024)
-  black (RAL9005)

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

500mA - Oval 3 C (4.7W), Round 4 C (6.3W), Round 6 C (9.4W), Round 9 C (14.W)

Part Number	Description	Input/Output	# of Fixtures			
			4.7W	6.3W	9.4W	14.1W
<a href="#">PPLT00466-P</a>	0-10V Dimming to 1.0%	120-277VAC to 500mA, 10W, Class 2, DAMP	1-2	1-1	1-1	—
<a href="#">PPLT00465-P</a>	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2, DAMP	1-4	1-3	1-2	1-1
<a href="#">PPLT00527</a>	Phase Dim (120V only)	120VAC to 500mA, 25W, Class 2, IP66	2-5	2-3	1-2	1-1
<a href="#">PPLT00262</a>	Leading / Trailing Edge Dimming to 10% (120V only)	120-277VAC to 500mA, 32W, Class 2	3-6	2-3	2-2	1-1
<a href="#">PPLT00467-P</a>	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-6	1-4	1-3	1-2
<a href="#">PPLT00538-P</a>	0-10V Dimming to 0.1% (4 channels)	120-277VAC to 500mA, 100W, Class 2	1-20	1-12	1-8	1-4

## Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures			
						4.7W	6.3W	9.4W	14.1W
<a href="#">PPLT00259</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W, Class 2	1-2	1-1	1-1	—
<a href="#">PPLT00195</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 19W, Class 2	2-4	2-3	1-2	1-1
<a href="#">PPLT00676</a>	PEQ0	L3DA	100%-1%	Hi-Lume™ Premier 0.1% EcoSystem™ (0.1% DIM) F2B	120-277VAC to 500mA, 20W, Class 2	2-4	1-3	1-2	1-1
<a href="#">PPLT00180</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 27W, Class 2	4-5	3-4	2-2	—

## SUGGESTED POWER SUPPLIES

500mA - Round 16 C version 15.9W (Low Output), 18.1W (High Efficacy), 22.7W (Medium Output), 25W (High Output)

Part Number	Description	Input/Output	# of Fixtures (Round 16 C)			
			15.9W	18.1W	22.7W	25W
<a href="#">PPLT00465-P</a>	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2, DAMP	1-1	1-1	—	—
<a href="#">PPLT00527</a>	Phase Dim (120V only)	120VAC to 500mA, 25W, Class 2, IP66	1-1	1-1	1-1	1-1
<a href="#">PPLT00467-P</a>	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-1	1-1	1-1	1-1
<a href="#">PPLT00538-P</a>	0-10V Dimming to 0.1% (4 channels)	120-277VAC to 500mA, 100W, Class 2	1-4	1-4	1-4	1-4

## Suggested Lutron Compatible - Round 16 C

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures			
						15.9W	18.1W	22.7W	25W
<a href="#">PPLT00180</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 27W, Class 2	1-1	1-1	1-1	1-1

For other power supply options consult factory.

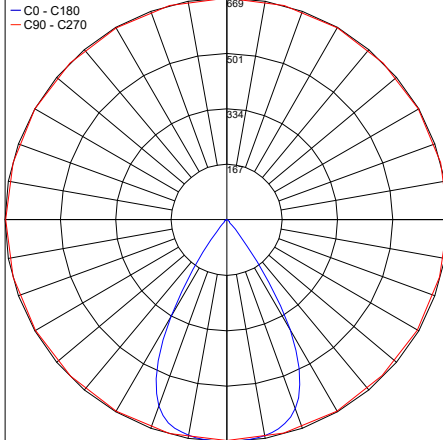
Job Name/Date:

Fixture Type Designation:

# MULTICONE ROUND-OVAL C

## PHOTOMETRIC DATA - Note: All photometry is 3000K

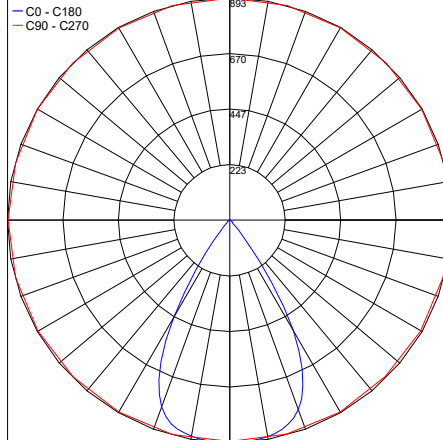
Maximum Candela = 668.5



PHOTOMETRIC FILENAME : MULTICONE\_OVAL\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_7.6IN.IES

OVAL C

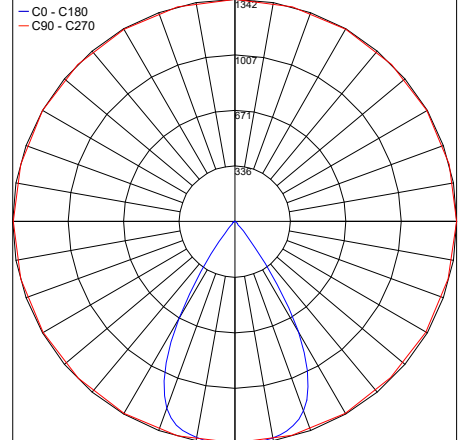
Maximum Candela = 893.2



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_4\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_6.5IN.IES

ROUND 4 C

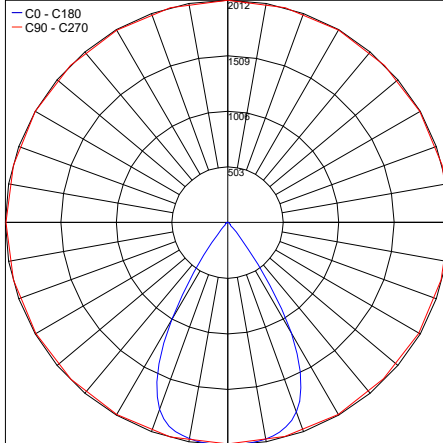
Maximum Candela = 1342.4



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_6\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_7.6IN.IES

ROUND 6 C

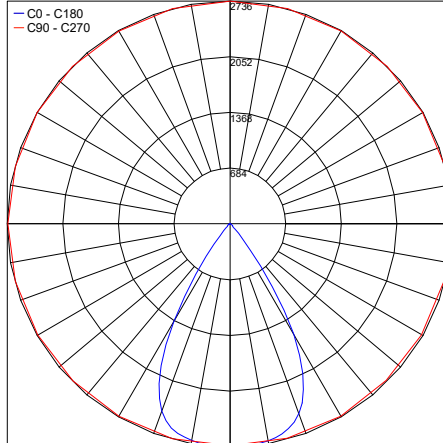
Maximum Candela = 2012.0



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_9\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_9.1IN.IES

ROUND 9 C

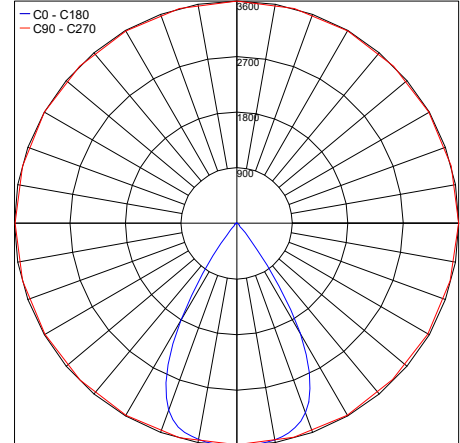
Maximum Candela = 2736.4



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_C\_3000K\_WIDE\_BEAM\_CC\_HE\_11.7IN.IES

ROUND 16 C (High Efficacy)

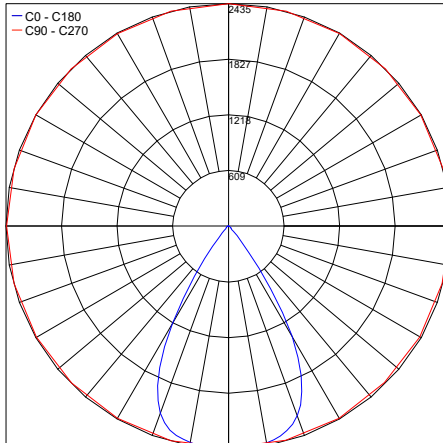
Maximum Candela = 3599.5



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_11.7IN.IES

ROUND 16 C (High Output)

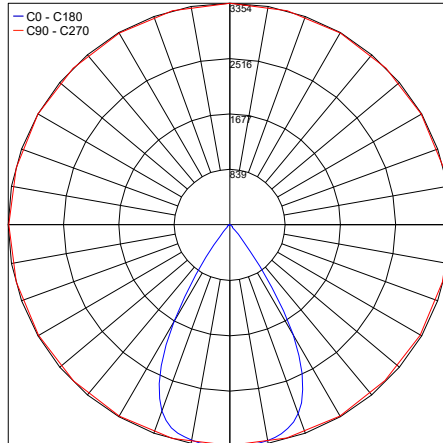
Maximum Candela = 2435.5



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_C\_3000K\_WIDE\_BEAM\_CC\_LO\_11.7IN.IES

ROUND 16 C (Low Output)

Maximum Candela = 3354.5



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_C\_3000K\_WIDE\_BEAM\_CC\_MO\_11.7IN.IES

ROUND 16 C (Medium Output)

Job Name/Date:

Fixture Type Designation: