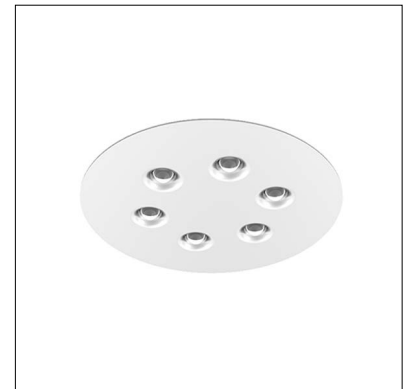


# MULTICONE ROUND-OVAL F

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 F is a recessed with a frame 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 F), 6.3W (Round 4 F), 9.4W (Round 6 F), 14.1 (Round 9 F), Round 16 F: 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>Fixture Cutout</b>	Ø0.59" - 2.95" minimum height
<b>IP Rating</b>	IP20

## ORDERING INFORMATION

Example: IO5.2311.01F1.027W.40.US. Power Supplies ordered separately.

	0			W		.US
<b>Model No.</b>	<b>Driver</b>	<b>CCT</b>	<b>LED Power</b>	<b>Optic</b>	<b>Finish</b>	
IO5.2311.01F1 - Oval 3 F	0 - Remote	2 - 3000K	7 - High Output	W - 60°	40 - White	.US
IO5.2301.02F1 - Round 4 F		3 - 4000K	6 - High Efficiency (16 F only)		50 - Black	
IO5.2301.03F1 - Round 6 F			5 - Low Output (16 F only)		G0 - Fog	
IO5.2301.04F1 - Round 9 F			M - Medium Output (16 F only)		H0 - Graphite	
IO5.2301.05F1 - Round 16 F			<b>NOTE:</b> Medium Output (MO), High Efficiency (HE), and Low Output (LO) only available for Round 16 F			

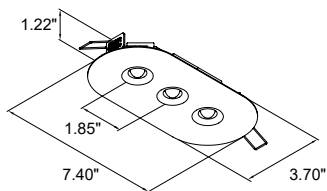
Job Name/Date:

Fixture Type Designation:

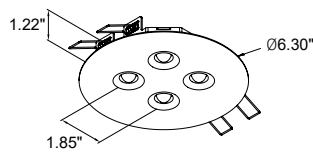
## TECHNICAL DATA

	Oval 3 F (HO)	Round 4 F (HO)	Round 6 F (HO)	Round 9 F (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>	7.40" x 3.70" x 1.22"	Ø6.30" x 1.22"	Ø7.40" x 1.22"	Ø8.94" x 1.22"
	Round 16 F (LO)	Round 16 F (HE)	Round 16 F (MO)	Round 16 F (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>	Ø11.54" x 1.22"	Ø11.54" x 1.22"	Ø11.54" x 1.22"	Ø11.54" x 1.22"

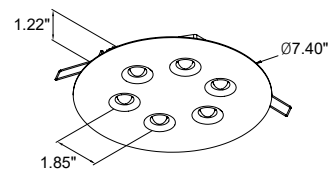
## FIXTURE DIMENSIONS



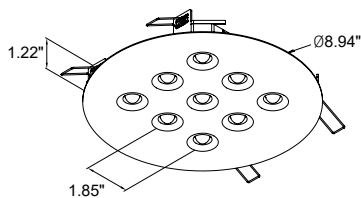
Oval 3 F



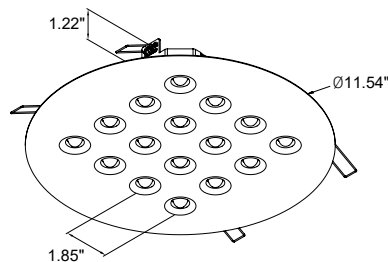
Round 4 F



Round 6 F



Round 9 F



Round 16 F

## FINISHES

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

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

500mA - Oval 3 F (4.7W), Round 4 F (6.3W), Round 6 F (9.4W), Round 9 F (14.1W)

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 F 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 F)			
			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 F

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.

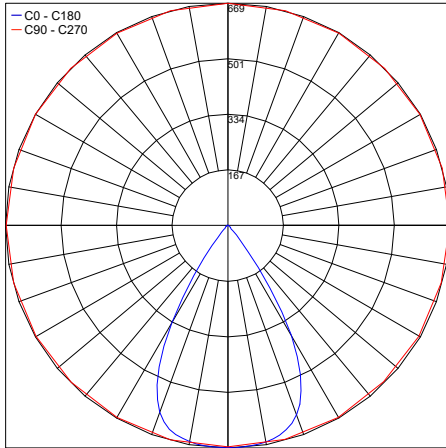
Job Name/Date:

Fixture Type Designation:

# MULTICONE ROUND-OVAL F

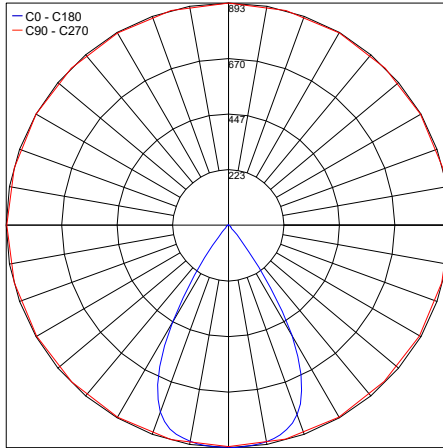
PHOTOMETRIC DATA - Note: All photometry is 3000K

Maximum Candela = 668.5



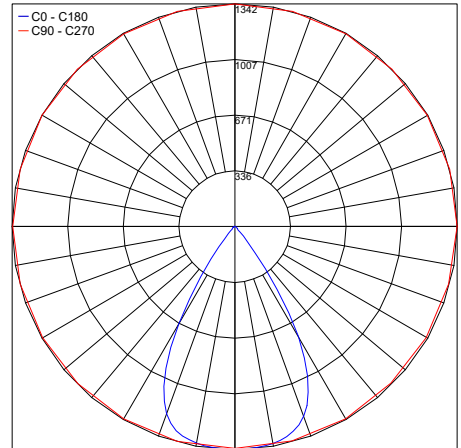
PHOTOMETRIC FILENAME : MULTICONE\_OVAL\_F\_3000K\_WIDE\_BEAM\_CC\_HO\_7.4IN.IES  
**OVAL F**

Maximum Candela = 893.2



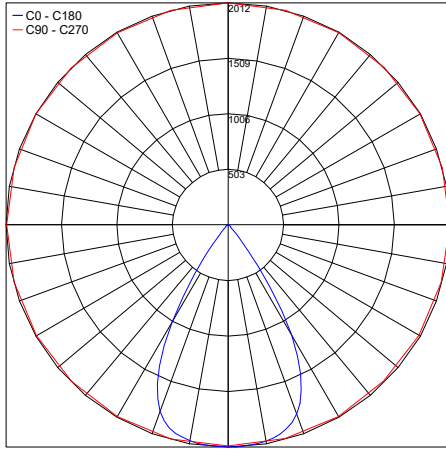
PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_4\_F\_3000K\_WIDE\_BEAM\_CC\_HO\_6.3IN.IES  
**ROUND 4 F**

Maximum Candela = 1342.4



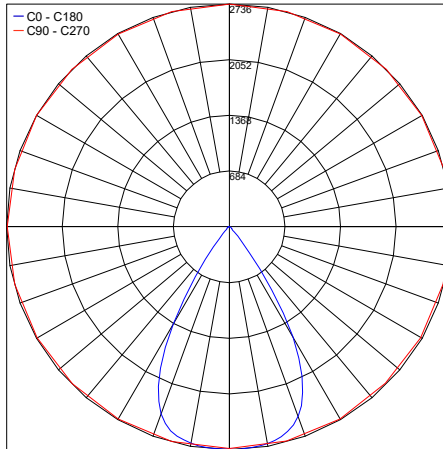
PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_6\_F\_3000K\_WIDE\_BEAM\_CC\_HO\_7.4IN.IES  
**ROUND 6 F**

Maximum Candela = 2012.0



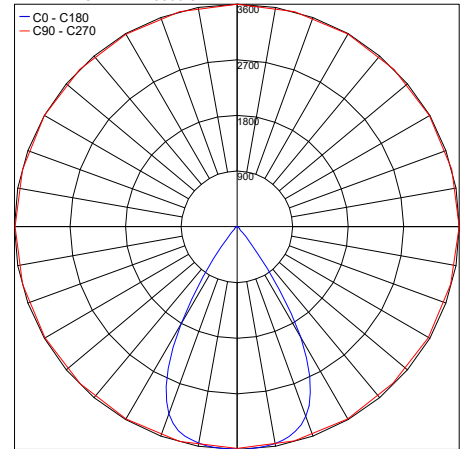
PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_9\_F\_3000K\_WIDE\_BEAM\_CC\_HO\_8.9IN.IES  
**ROUND 9 F**

Maximum Candela = 2736.4



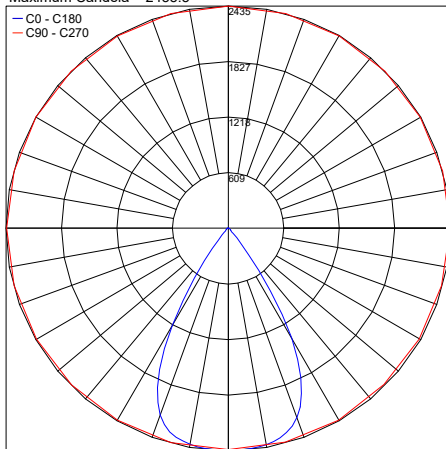
PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_F\_3000K\_WIDE\_BEAM\_CC\_HE\_11.5IN.IES  
**ROUND 16 F (High Efficacy)**

Maximum Candela = 3599.5



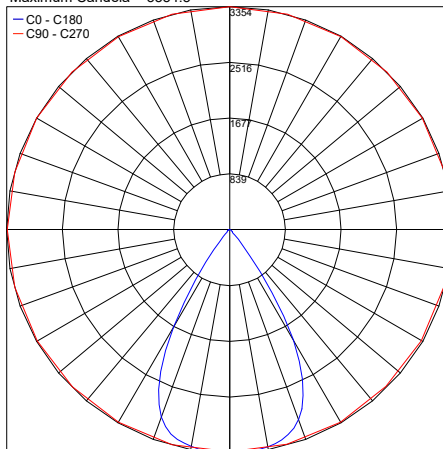
PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_F\_3000K\_WIDE\_BEAM\_CC\_HO\_11.5IN.IES  
**ROUND 16 F (High Output)**

Maximum Candela = 2435.5



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_F\_3000K\_WIDE\_BEAM\_CC\_LO\_11.5IN.IES  
**ROUND 16 F (Low Output)**

Maximum Candela = 3354.5



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_F\_3000K\_WIDE\_BEAM\_CC\_MO\_11.5IN.IES  
**ROUND 16 F (Medium Output)**

Job Name/Date:

Fixture Type Designation: