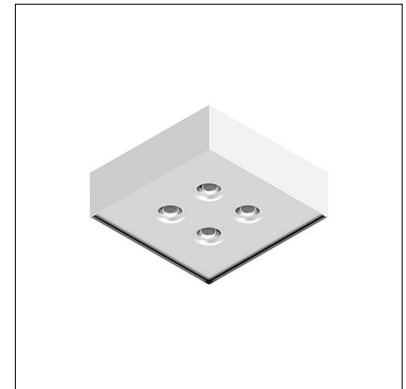
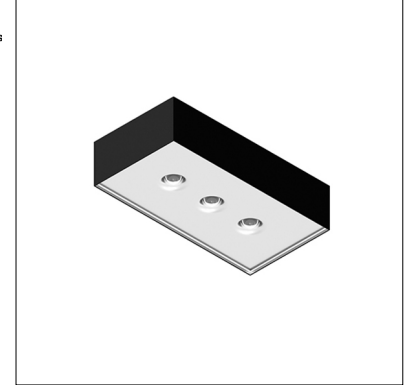


# MULTICONE SQUARE-RECTANGLE C

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 Square-Rectangular C is a ceiling mounted version offered in 3 square or 2 rectangle sizes with 4 standard finishes.



Fixture dimensions - see page 2

## TECHNICAL DATA

<b>Wattage</b>	4.7W (Rectangle 3 C), 6.3W (Square 4 C), 9.4W (Rectangle 6 C), 14.1 (Square 9 C), Square 16 C: 15.9W (Low Output), 18.1W (High Efficiency), 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: IO5.2322.01C1.027W.54.US. Power Supplies ordered separately.

	0			W			.US
Model No.	Driver	CCT	LED Power	Optic	Body Finish	Front Finish	
IO5.2332.01C1 - Rect. 3 C	0 - Remote	2 - 3000K	7 - High Output	W - 60°	4 - White	4 - White	.US
IO5.2322.02C1 - Square 4 C		3 - 4000K	6 - High Efficiency (16 C only)		5 - Black	5 - Black	
IO5.2332.03C1 - Rect. 6 C			5 - Low Output (16 C only)		G - Fog	G - Fog	
IO5.2322.04C1 - Square 9 C			M - Medium Output (16 C only)		H - Graphite	H - Graphite	
IO5.2322.05C1 - Square 16 C			<b>NOTE:</b> Medium Output (MO), High Efficiency (HE), and Low Output (LO) only available for Square 16 C				

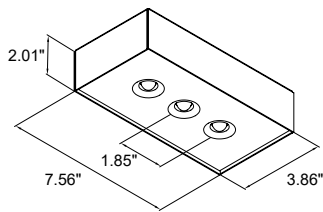
Job Name/Date:

Fixture Type Designation:

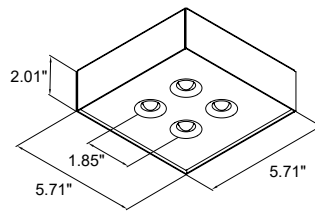
## TECHNICAL DATA

	Rectangular 3 C (HO)	Square 4 C (HO)	Rectangular 6 C (HO)	Square 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>	7.56" x 3.86" x 2.01"	5.71" x 5.71" x 2.01"	7.56" x 5.71" x 2.01"	7.56" x 7.56" x 2.01"
	Square 16 C (LO)	Square 16 C (HE)	Square 16 C (MO)	Square 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>	9.41" x 9.41" x 2.01"	9.41" x 9.41" x 2.01"	9.41" x 9.41" x 2.01"	9.41" x 9.41" x 2.01"

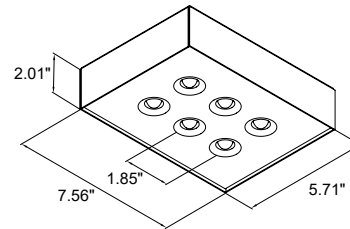
## FIXTURE DIMENSIONS



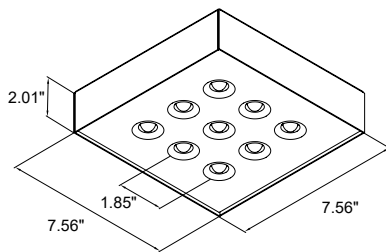
Rectangular 3 C



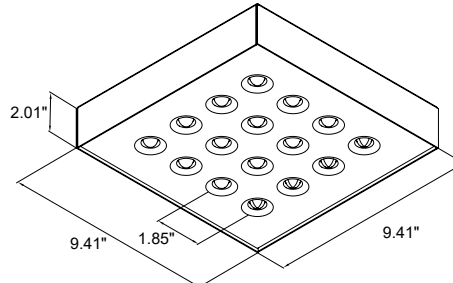
Square 4 C



Rectangular 6 C



Square 9 C



Square 16 C

## FINISHES

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

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

500mA - Rectangle 3 C (4.7W), Square 4 C (6.3W), Rectangle 6 C (9.4W), Square 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 - Square 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

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

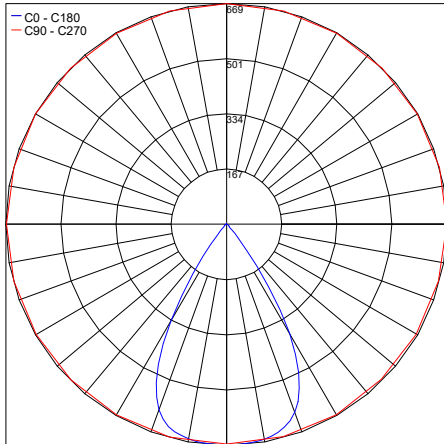
For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

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

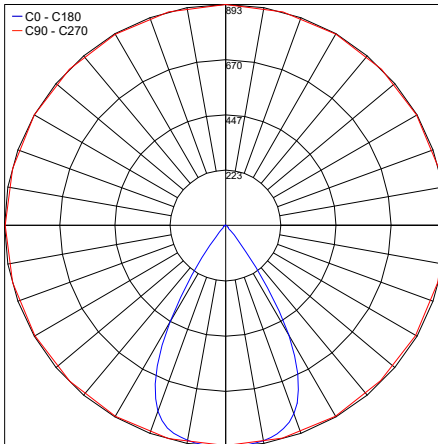
Maximum Candela = 668.5



PHOTOMETRIC FILENAME : MULTICONE\_RECTANGLE\_3\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_7.6X3.9IN.IES

**RECTANGLE 3 C**

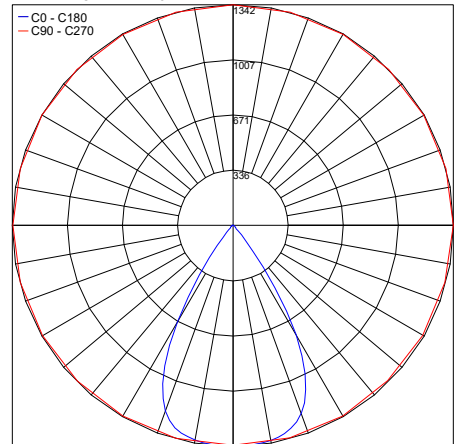
Maximum Candela = 893.2



PHOTOMETRIC FILENAME : MULTICONE\_SQUARE\_4\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_5.7X5.7IN.IES

**SQUARE 4 C**

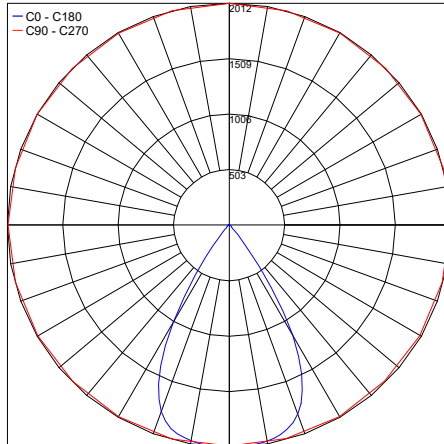
Maximum Candela = 1342.4



PHOTOMETRIC FILENAME : MULTICONE\_RECTANGLE\_6\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_7.6X5.7IN.IES

**RECTANGLE 6 C**

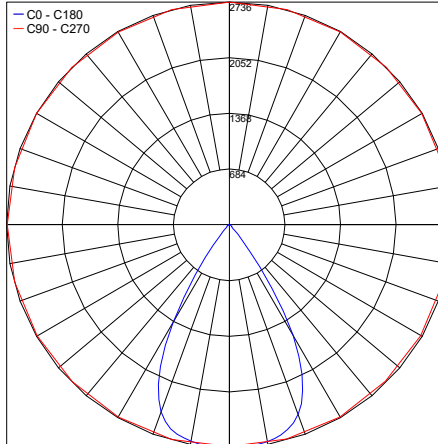
Maximum Candela = 2012.0



PHOTOMETRIC FILENAME : MULTICONE\_SQUARE\_9\_C\_3000K\_WIDE\_BEAM\_CC\_HO\_7.6X7.6IN.IES

**SQUARE 9 C**

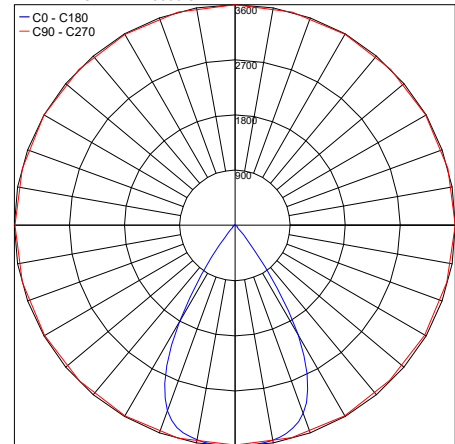
Maximum Candela = 2736.4



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_F\_3000K\_WIDE\_BEAM\_CC\_HE\_11.5IN.IES

**SQUARE 16 C (High Efficacy)**

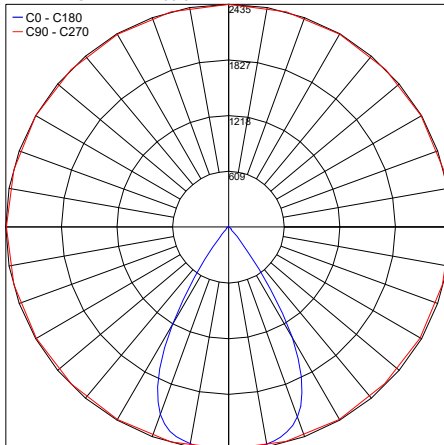
Maximum Candela = 3599.5



PHOTOMETRIC FILENAME : MULTICONE\_ROUND\_16\_F\_3000K\_WIDE\_BEAM\_CC\_HO\_11.5IN.IES

**SQUARE 16 C (High Output)**

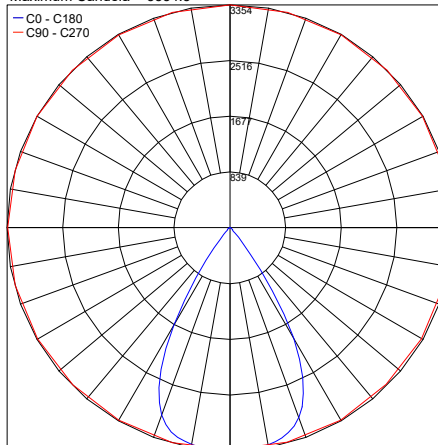
Maximum Candela = 2435.5



PHOTOMETRIC FILENAME : MULTICONE\_SQUARE\_16\_C\_3000K\_WIDE\_BEAM\_CC\_LO\_9.4X9.4IN.IES

**SQUARE 16 C (Low Output)**

Maximum Candela = 3354.5



PHOTOMETRIC FILENAME : MULTICONE\_SQUARE\_16\_C\_3000K\_WIDE\_BEAM\_CC\_MO\_9.4X9.4IN.IES

**SQUARE 16 C (Medium Output)**

Job Name/Date:

Fixture Type Designation: