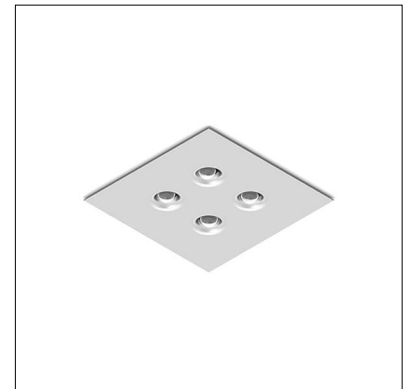
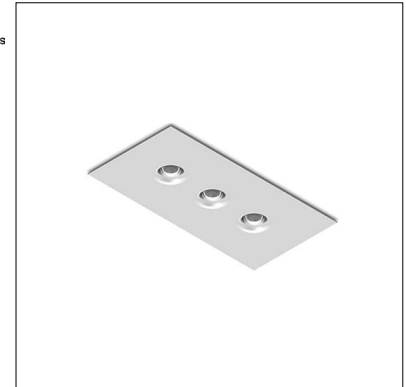


MULTICONE SQUARE-RECTANGLE F

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 Square-Rectangular F is a recessed with frame version offered in 3 square or 2 rectangle sizes with 4 standard finishes.



Fixture dimensions - see page 2

TECHNICAL DATA

Wattage	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)
Power Supply	Remote 500mA, not included. See page 3
Construction	Body: Powder Coated Steel
CCT	3000K, 4000K
CRI	>80
Delivered Lumens	See chart on page 2
Efficacy	See chart on page 2
Optics	60° (UGR<19)
LED Source	PCB LED
Lumen Maintenance	50,000 hrs L80, B10 (Ta 25°C)
Color Consistency	3-Step MacAdam
Finishes	White (RAL9016), Black (RAL9005), Fog (RAL7038), Graphite (RAL7024)
Fixture Dimensions	See chart on page 2
Fixture Cutout	L1 subtract - 0.59" x L2 subtract - 0.59" Height 2.95" minimum
IP Rating	IP20

ORDERING INFORMATION

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

	0			W		.US
Model No.	Driver	CCT	LED Power	Optic	Finish	
IO5.2331.01F1 - Rectangle 3 F	0 - Remote	2 - 3000K	7 - High Output	W - 60°	40 - White	.US
IO5.2321.02F1 - Square 4 F		3 - 4000K	6 - High Efficiency (16 F only)		50 - Black	
IO5.2331.03F1 - Rectangle 6 F			5 - Low Output (16 F only)		G0 - Fog	
IO5.2321.04F1 - Square 9 F			M - Medium Output (16 F only)		H0 - Graphite	
IO5.2321.05F1 - Square 16 F			NOTE: Medium Output (MO), High Efficiency (HE), and Low Output (LO) only available for Square 16 F			

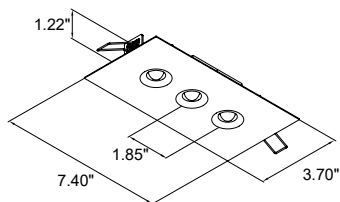
Job Name/Date:

Fixture Type Designation:

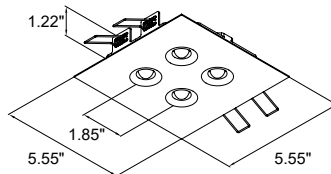
TECHNICAL DATA

	Rectangular 3 F (HO)	Square 4 F (HO)	Rectangular 6 F (HO)	Square 9 F (HO)
Wattage	4.7W	6.3W	9.4W	14.1W
Delivered Lumens (4000K)	655 lm	875 lm	1315 lm	1970 lm
Efficacy	139.4 lm/W	138.9 lm/W	139.9 lm/W	139.7 lm/W
Fixture Dim. (l,w,h)	7.40" x 3.70" x 1.22"	5.55" x 5.55" x 1.22"	5.55" x 7.40" x 1.22"	7.40" x 7.40" x 1.22"
	Square 16 F (LO)	Square 16 F (HE)	Square 16 F (MO)	Square 16 F (HO)
Wattage	15.9W	18.1W	22.7W	25W
Delivered Lumens (4000K)	2385 lm	2680 lm	3285 lm	3525 lm
Efficacy	150 lm/W	148.1 lm/W	144.7 lm/W	141 lm/W
Fixture Dim. (l,w,h)	9.25" x 9.25" x 1.22"	9.25" x 9.25" x 1.22"	9.25" x 9.25" x 1.22"	9.25" x 9.25" x 1.22"

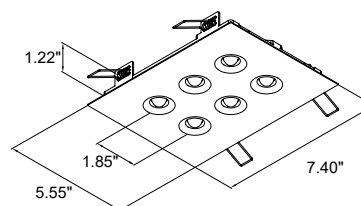
FIXTURE DIMENSIONS



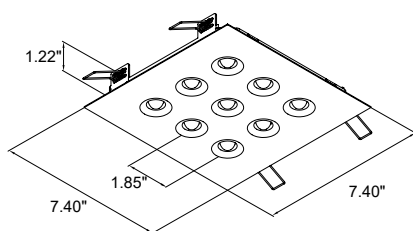
Rectangular 3 F



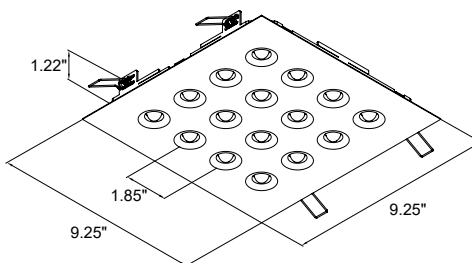
Square 4 F



Rectangular 6 F



Square 9 F



Square 16 F

FINISHES

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

Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES

500mA - Rectangle 3 F (4.7W), Square 4 F (6.3W), Rectangle 6 F (9.4W), Square 9 F (14.W)

Part Number	Description	Input/Output	# of Fixtures			
			4.7W	6.3W	9.4W	14.1W
PPLT00466-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 10W, Class 2, DAMP	1-2	1-1	1-1	—
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2, DAMP	1-4	1-3	1-2	1-1
PPLT00527	Phase Dim (120V only)	120VAC to 500mA, 25W, Class 2, IP66	2-5	2-3	1-2	1-1
PPLT00262	Leading / Trailing Edge Dimming to 10% (120V only)	120-277VAC to 500mA, 32W, Class 2	3-6	2-3	2-2	1-1
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-6	1-4	1-3	1-2
PPLT00538-P	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
PPLT00259	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	—
PPLT00195	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
PPLT00676	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
PPLT00180	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 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 C)			
			15.9W	18.1W	22.7W	25W
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2, DAMP	1-1	1-1	—	—
PPLT00527	Phase Dim (120V only)	120VAC to 500mA, 25W, Class 2, IP66	1-1	1-1	1-1	1-1
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-1	1-1	1-1	1-1
PPLT00538-P	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

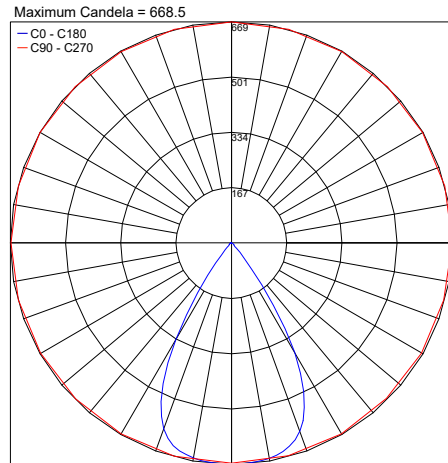
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures			
						15.9W	18.1W	22.7W	25W
PPLT00180	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 27W, Class 2	1-1	1-1	1-1	1-1

For other power supply options consult factory.

Job Name/Date:

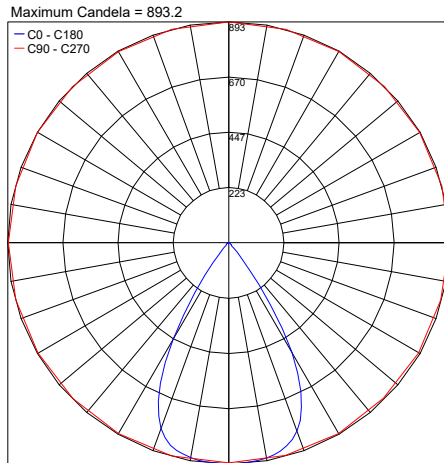
Fixture Type Designation:

PHOTOMETRIC DATA - Note: All photometry is 3000K



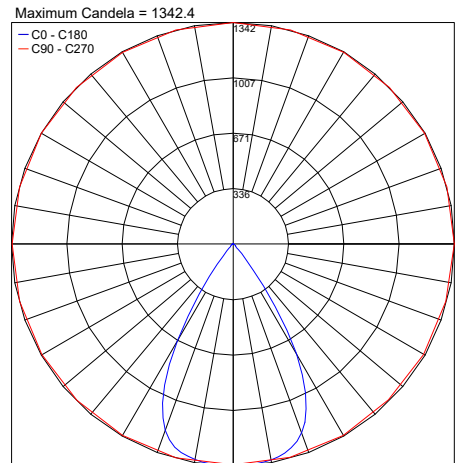
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RECTANGLE 3 F



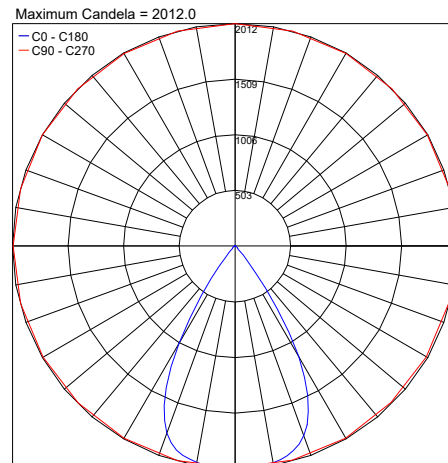
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SQUARE 4 F



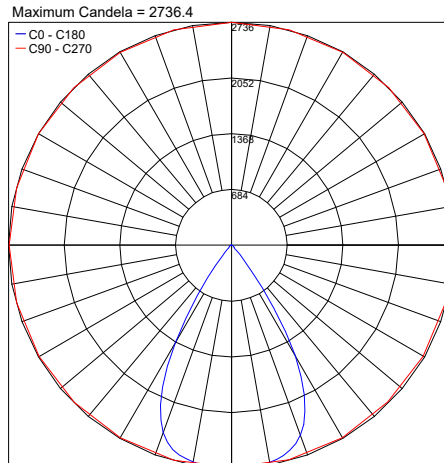
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RECTANGLE 6 F



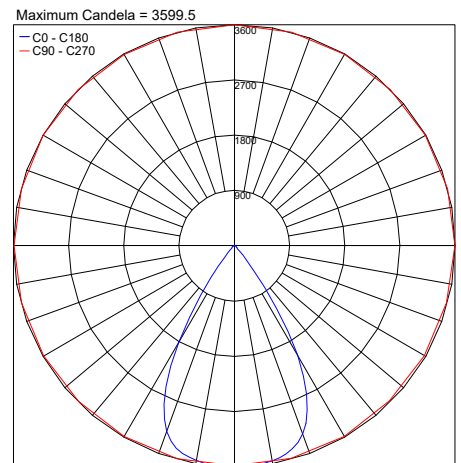
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SQUARE 9 F



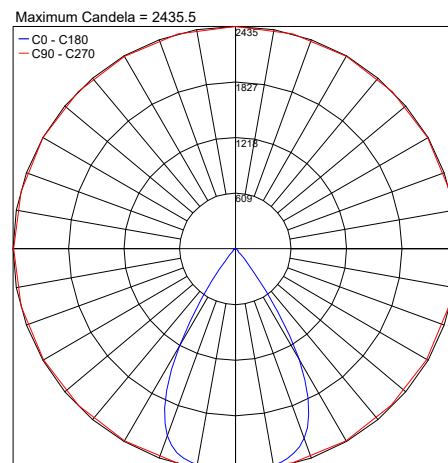
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SQUARE 16 F (High Efficacy)



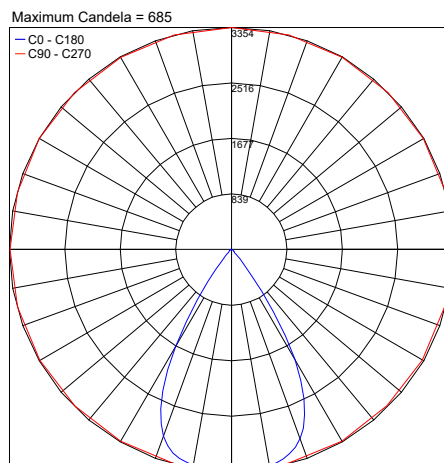
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SQUARE 16 F (High Output)



PHOTOMETRIC FILENAME : MULTICONE_SQUARE_16_F_3000K_WIDE_BEAM_CC_LO_9.3X9.3IN.IES

SQUARE 16 F (Low Output)



PHOTOMETRIC FILENAME : MULTICONE_SQUARE_16_F_3000K_WIDE_BEAM_CC_MO_9.3X9.3IN.IES

SQUARE 16 F (Medium Output)

Job Name/Date:

Fixture Type Designation: