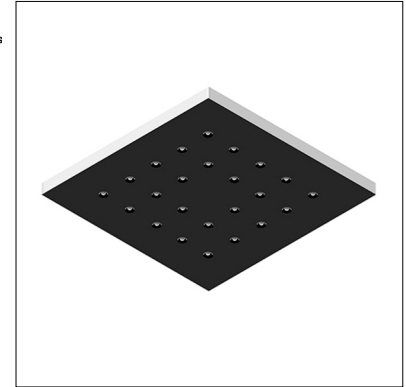


# MULTICONE PANEL C

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 Panel C is the surface mounted panel version offered in 2 square or 2 rectangular sizes with 4 standard finishes.



Fixture dimensions - see page 2

## TECHNICAL DATA

<b>Wattage</b>	See chart on page 2
<b>Power Supply</b>	Remote 500mA or 900mA, not included. See page 3
<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: IO5.2346.01C1.027W.54.US. Power Supplies / Accessories ordered separately.

	0			W			.US
Model No.	Driver	CCT	LED Power	Optic	Body Finish	Front Finish	
IO5.2346.01C1 - Panel 16 C	0 - Remote	2 - 3000K	7 - High Output	W - 60°	4 - White	4 - White	.US
IO5.2347.01C1 - Panel 24 C		3 - 4000K	6 - High Efficiency		5 - Black	5 - Black	
IO5.2345.02C1 - Panel 12 C			5 - Low Output		G - Fog	G - Fog	
IO5.2347.03C1 - Panel 24 C			M - Medium Output		H - Graphite	H - Graphite	
			<p><b>NOTE:</b> Low output (LO - Code 5) NOT available on Panel 24 C. High Output (HO - Code 7) NOT available on Panel 12 C or Panel 24 C.</p> <p><i>Please see table on page 2 for more clarification</i></p>				

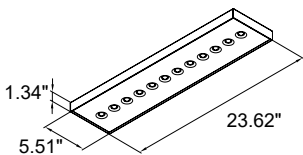
Job Name/Date:

Fixture Type Designation:

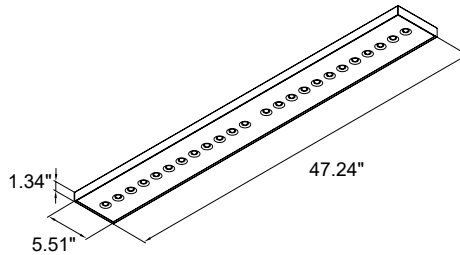
## TECHNICAL DATA

	Panel 16 C (LO) (Square)	Panel 16 C (HE) (Square)	Panel 16 C (MO) (Square)	Panel 16 C (HO) (Square)
<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>	23.62" x 23.62" x 1.34"	23.62" x 23.62" x 1.34"	23.62" x 23.62" x 1.34"	23.62" x 23.62" x 1.34"
	Panel 24 C (HE) (Square)	Panel 24 C (MO) (Square)	Panel 24 C (HO) (Square)	
<b>Wattage</b>	27.2W	34W	37.5W	
<b>Delivered Lumens (4000K)</b>	4020 lm	4925 lm	5290 lm	
<b>Efficacy</b>	147.8 lm/W	144.9 lm/W	141.1 lm/W	
<b>Fixture Dim. (l,w,h)</b>	23.62" x 23.62" x 1.34"	23.62" x 23.62" x 1.34"	23.62" x 23.62" x 1.34"	
	Panel 12 C (LO) (Rect.)	Panel 12 C (HE) (Rect.)	Panel 12 C (MO) (Rect.)	
<b>Wattage</b>	11.9W	13.7W	17W	
<b>Delivered Lumens (4000K)</b>	1790 lm	2010 lm	2465 lm	
<b>Efficacy</b>	150.4 lm/W	146.7 lm/W	145 lm/W	
<b>Fixture Dim. (l,w,h)</b>	23.62" x 5.51" x 1.34"	23.62" x 5.51" x 1.34"	23.62" x 5.51" x 1.34"	
	Panel 24 C (LO) (Rect.)	Panel 24 C (HE) (Rect.)	Panel 24 C (MO) (Rect.)	
<b>Wattage</b>	23.9W	27.2W	34W	
<b>Delivered Lumens (4000K)</b>	3580 lm	4020 lm	4925 lm	
<b>Efficacy</b>	149.8 lm/W	147.8 lm/W	144.9 lm/W	
<b>Fixture Dim. (l,w,h)</b>	47.24" x 5.51" x 1.34"	47.24" x 5.51" x 1.34"	47.24" x 5.51" x 1.34"	

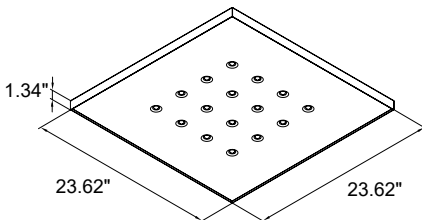
## FIXTURE DIMENSIONS



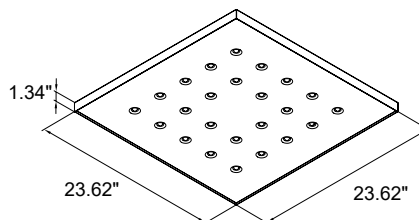
Panel 12 C



Panel 24 C



Panel 16 C



Panel 24 C

## FINISHES

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

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

500mA - Panel 16 C Square (Low Output - High Efficacy - Medium Output - High Output)

Part Number	Description	Input/Output	# of Fixtures			
			15.9W (LO)	18.1W (HE)	22.7W (MO)	25W (HO)
<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

## SUGGESTED POWER SUPPLIES

900mA - Panel 24 C Square (Low Output - High Efficacy - Medium Output - High Output)

Part Number	Description	Input/Output	# of Fixtures			
			23.9W (LO)	27.2W (HE)	34W (MO)	37.5W (HO)
<a href="#">PPLT00465-P</a>	0-10V Dimming to 1.0%	120-277VAC to 900mA, 20W, Class 2, DAMP	1-1	—	—	—
<a href="#">PPLT00198</a>	0-10V Dimming to 10%	120-277VAC to 900mA, 45W, Class 2	1-1	1-1	1-1	1-1
<a href="#">PPLT00467-P</a>	0-10V Dimming to 1.0%	120-277VAC to 900mA, 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 900mA, 100W, Class 2	1-4	—	—	—

## SUGGESTED POWER SUPPLIES

500mA - Panel 12 C Rectangle (Low Output - High Efficacy - Medium Output)

Part Number	Description	Input/Output	# of Fixtures		
			11.9W (LO)	13.7W (HE)	17W (MO)
<a href="#">PPLT00527</a>	Phase Dim (120V only)	120VAC to 500mA, 25W, Class 2, IP66	1-1	1-1	1-1
<a href="#">PPLT00262</a>	Leading / Trailing Edge Dim to 10% (120V only)	120-277VAC to 500mA, 32W, Class 2	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
<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

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures		
						11.9W	13.7W	17W
<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	1-1	1-1	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	1-1	1-1	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	1-1	1-1	1-1

## SUGGESTED POWER SUPPLIES

900mA - Panel 24 C Rectangle (Low Output - High Efficacy - Medium Output)

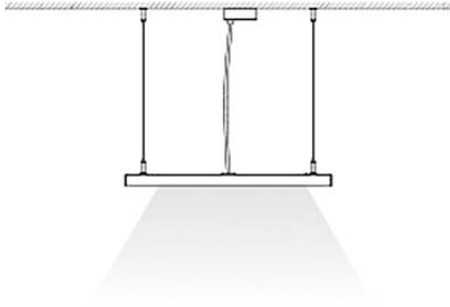
Part Number	Description	Input/Output	# of Fixtures		
			23.9W (LO)	27.2W (HE)	34W (MO)
<a href="#">PPLT00198</a>	0-10V Dimming to 10%	120-277VAC to 900mA, 45W, Class 2	1-1	1-1	1-1
<a href="#">PPLT00467-P</a>	0-10V Dimming to 1.0%	120-277VAC to 900mA, 50W, Class 2, DAMP	1-1	1-1	1-1
<a href="#">PPLT00538-P</a>	0-10V Dimming to 0.1% (4 channels)	120-277VAC to 900mA, 100W, Class 2	1-4	1-1	—

For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

## ACCESSORIES - Installation



### Panel Suspension Kit

**5.2391.01S1.f000.j0**

L 59.06"

**5.2391.02S1.f000.j0**

L 118.11"



### Panel Mounting Set (Plasterboard Ceiling)

**5.2392.01F0.0000.00**

Dimensions: 24.61" x 22.44"

Cutout: 22.83" x 21.65"

**5.2392.02F0.0000.00**

Dimensions: 22.44" x 6.69"

Cutout: 22.83" x 3.74"

**5.2392.03F0.0000.00**

Dimensions: 46.06" x 6.69"

Cutout: 46.46" x 3.74"

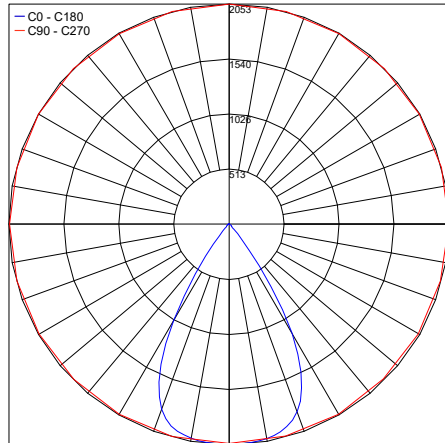
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

Note: All photometry is 3000K

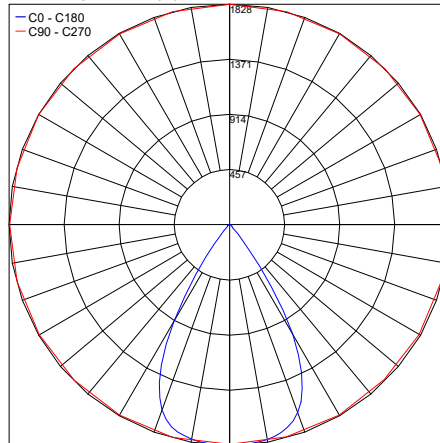
Maximum Candela = 2052.9



PHOTOMETRIC FILENAME: MULTICONE\_PANEL\_12\_C\_RECT\_3000K\_WIDE\_BEAM\_CC\_HE\_23.6IN.IES

PANEL 12 C RECTANGLE High Efficacy

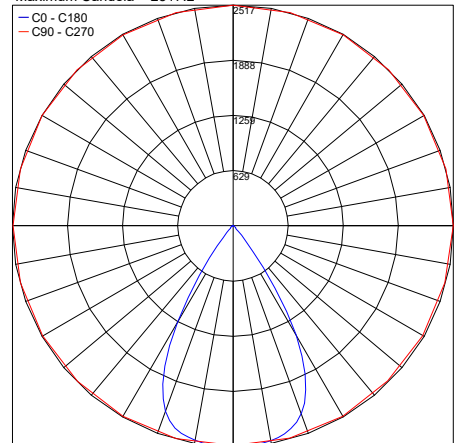
Maximum Candela = 1828.2



PHOTOMETRIC FILENAME: MULTICONE\_PANEL\_12\_C\_RECT\_3000K\_WIDE\_BEAM\_CC\_LO\_23.6IN.IES

PANEL 12 C RECTANGLE Low Output

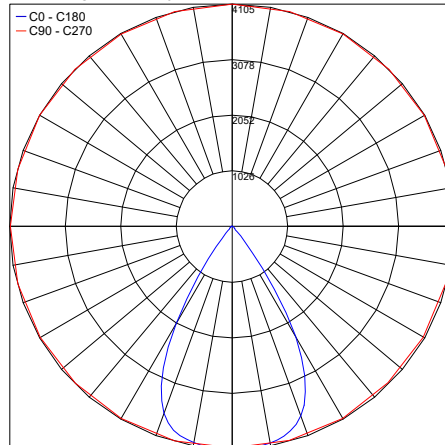
Maximum Candela = 2517.2



PHOTOMETRIC FILENAME: MULTICONE\_PANEL\_12\_C\_RECT\_3000K\_WIDE\_BEAM\_CC\_MO\_23.6IN.IES

PANEL 12 C RECTANGLE Medium Output

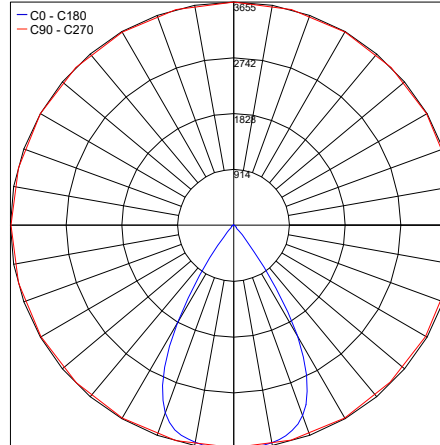
Maximum Candela = 4104.7



PHOTOMETRIC FILENAME: MULTICONE\_PANEL\_24\_C\_RECT\_3000K\_WIDE\_BEAM\_CC\_HE\_47.2IN.IES

PANEL 24 C RECTANGLE High Efficacy

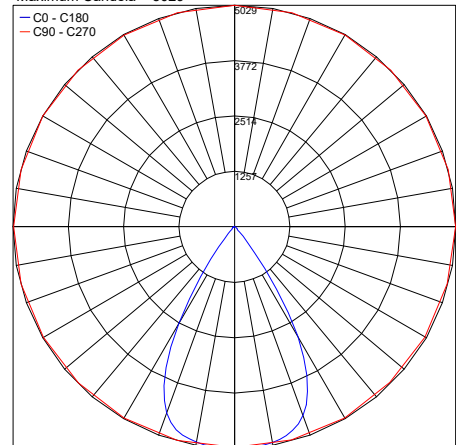
Maximum Candela = 3655.4



PHOTOMETRIC FILENAME: MULTICONE\_PANEL\_24\_C\_RECT\_3000K\_WIDE\_BEAM\_CC\_LO\_47.2IN.IES

PANEL 24 C RECTANGLE Low Output

Maximum Candela = 5029



PHOTOMETRIC FILENAME: MULTICONE\_PANEL\_24\_C\_RECT\_3000K\_WIDE\_BEAM\_CC\_MO\_47.2IN.IES

PANEL 24 C RECTANGLE Medium Output

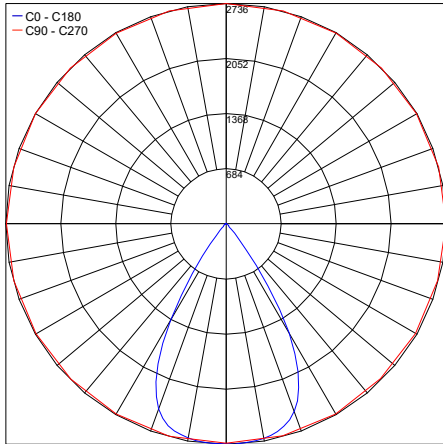
Job Name/Date:

Fixture Type Designation:

# MULTICONE PANEL C

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

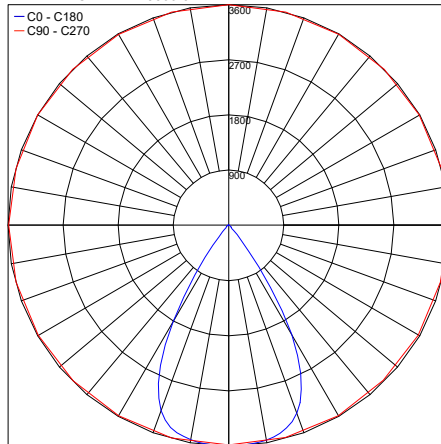
Maximum Candela = 2736.4



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_16\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_HE\_23.6IN.IES

PANEL 16 C SQUARE High Efficacy

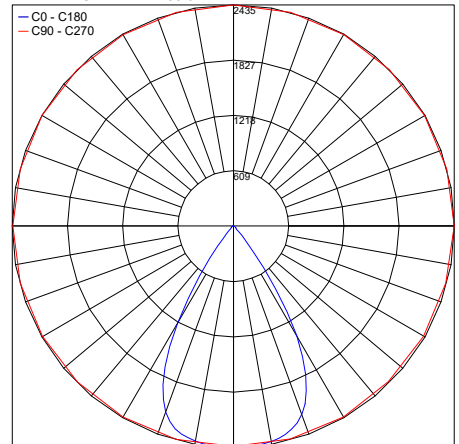
Maximum Candela = 3599.5



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_16\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_HO\_23.6IN.IES

PANEL 16 C SQUARE High Output

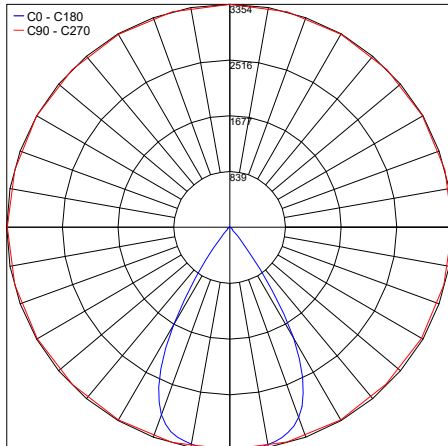
Maximum Candela = 2435.5



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_16\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_LO\_23.6IN.IES

PANEL 16 C SQUARE Low Output

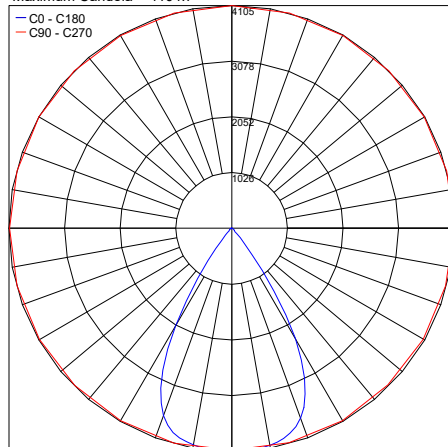
Maximum Candela = 3354.5



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_16\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_MO\_23.6IN.IES

PANEL 16 C SQUARE Medium Output

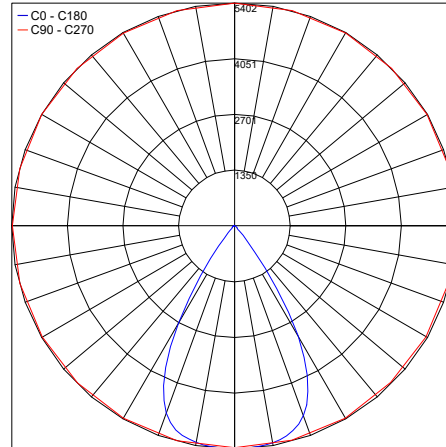
Maximum Candela = 4104.7



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_24\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_HE\_23.6IN.IES

PANEL 24 C SQUARE High Efficacy

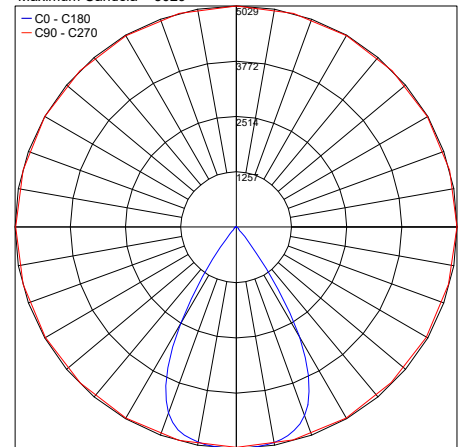
Maximum Candela = 5402



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_24\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_HO\_23.6IN.IES

PANEL 24 C SQUARE High Output

Maximum Candela = 5029



PHOTOMETRIC FILENAME : MULTICONE\_PANEL\_24\_C\_SQUARE\_3000K\_WIDE\_BEAM\_CC\_MO\_23.6IN.IES

PANEL 24 C SQUARE Medium Output

Job Name/Date:

Fixture Type Designation: