



AIM Series

Architectural Indirect Curved Panel



Product Features

- Unique curved aperture lens provides soft, even illumination
- Slim 2-61/64" height for shallow plenum applications
- Edge-lit design with PMMA light guide plate for excellent optical clarity
- Prismatic lens provides high-performance diffusion with minimal light loss
- UGR <19 rating optimized for low UGR applications
- Power Factor >0.9
- THD <20%
- 0-10V Dimming
- Driver integrated with a 2kV Surge Protection
- Operating Temperature (-13°F~104°F) -25°C~40°C
- Rated lifetime L70: >100,000 hours
- 10 year limited warranty



Date		Project	
Type		Part Number	

ARCHITECTURAL LUMINAIRES BY  RENO LIGHTING

The AIM Series Architectural Curved Panel is an avant-garde architectural recessed lighting solution designed to provide a unique visual aesthetic while keeping glare to a minimum. The panel's sleek concave curve provides soft, even illumination, while its slim profile is optimized for shallow plenum spaces, ensuring compatibility with any existing space. With a UGR rating of <19, it is a low-glare solution suitable for offices, educational facilities, and conference rooms.



Key Specifications

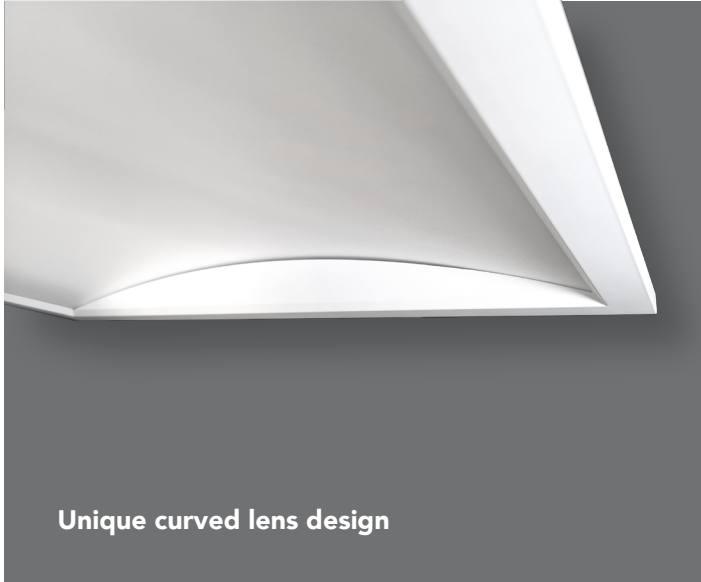
Lumens	Up to 125 lm/W
Voltage	120-347V
Wattage	1'x4 & 2'x2': Selectable 25/30/40W 2'x4': Selectable 30/40/50W
CRI	>80
CCT	35/40/5000K
UGR	<19
Dimming	0-10V
Sizes	1x4: 11-29/32" (L) x 47-11/16" (W) 2x2: 23-11/16" (L) x 23-11/16" (W) 2x4: 47-1/4" (L) x 23-11/16" (W)
Mounting	Recessed (into exposed T-Bars)
Finish	White



AIM Series | Architectural Indirect Curved Panel

ARCHITECTURAL LUMINAIRES BY  RENO[™]
LIGHTING

Design Features



Specifications

Order#	Model	Wattage	Voltage	Lumens	CCT	Size
R35121	RENO-14BPID-DV-MCCT-MW	25/30/45W	120-347V	3,125/3,750/5,000 lm	35/40/5000K	1' x 4'
R35122	RENO-22BPID-DV-MCCT-MW	25/30/45W	120-347V	3,125/3,750/5,000 lm	35/40/5000K	2' x 2'
R35123	RENO-24BPID-DV-MCCT-MW	30/40/50W	120-347V	3,750/5,000/6,250 lm	35/40/5000K	2' x 4'

DLC Certification

Order#	Model	Application	Standard	Premium
R35121	RENO-14BPID-DV-MCCT-MW	Low-Bay Luminaires for Commercial and Industrial Buildings	–	S-YC9WLK
R35122	RENO-22BPID-DV-MCCT-MW	Low-Bay Luminaires for Commercial and Industrial Buildings	–	S-MW6VGN
R35123	RENO-24BPID-DV-MCCT-MW	Low-Bay Luminaires for Commercial and Industrial Buildings	–	S-GYLQG2

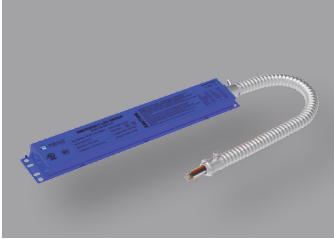




AIM Series | Architectural Indirect Curved Panel

ARCHITECTURAL LUMINAIRES BY  **RENO**
LIGHTING

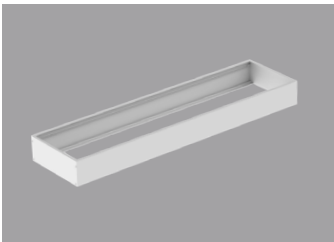
Accessories – Emergency LED Driver



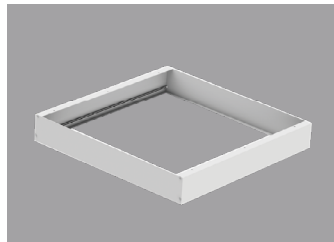
R83001
RENO-EMS-H15
Emergency LED Driver
(100-347V AC, 50-60Hz, 15W)

Order#	Model	Description	Wattage	Runtime
R83001	RENO-EM-H15	Emergency Battery Backup	15W	≥90 min

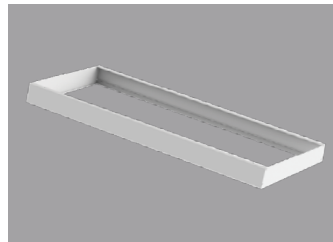
Accessories – Mounting Options



R39201
RENO-SMK14
1'X4' Surface Mounted Kits



R39202
RENO-SMK22
2'X2' Surface Mounted Kits



R39203
RENO-SMK24
2'X4' Surface Mounted Kits

Order#	Model	Description
R39201	RENO-SMK14	1'X4' Surface Mounted Kits
R39202	RENO-SMK22	2'X2' Surface Mounted Kits
R39203	RENO-SMK24	2'X4' Surface Mounted Kits

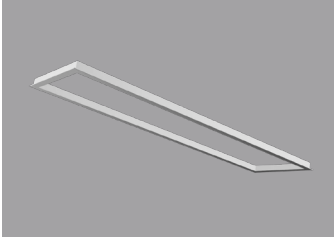




AIM Series | Architectural Indirect Curved Panel

ARCHITECTURAL LUMINAIRES BY 

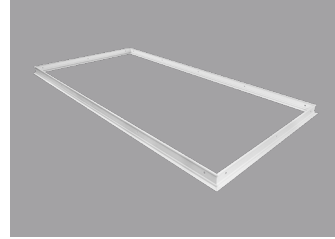
Accessories – Mounting Options



R39211
RENO-RMK14
Recessed Flange Kit for 1'X4'
Fixtures



R39212
RENO-RMK22
Recessed Flange Kit for 2'X2'
Fixtures

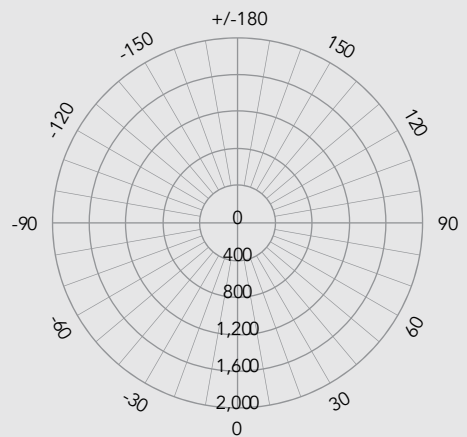


R39213
RENO-RMK24
Recessed Flange Kit for 2'X4'
Fixtures

Order#	Model	Description
R39211	RENO-RMK14	Recessed Flange Kit for 1'X4' Fixtures
R39212	RENO-RMK22	Recessed Flange Kit for 2'X2' Fixtures
R39213	RENO-RMK24	Recessed Flange Kit for 2'X4' Fixtures

Photometrics

1' x 4' INDIRECT CURVED PANEL (25W@4000K)



C 180°, 84.8° — C 90°, 270.86° —

1' x 4' INDIRECT CURVED PANEL (25W@4000K)

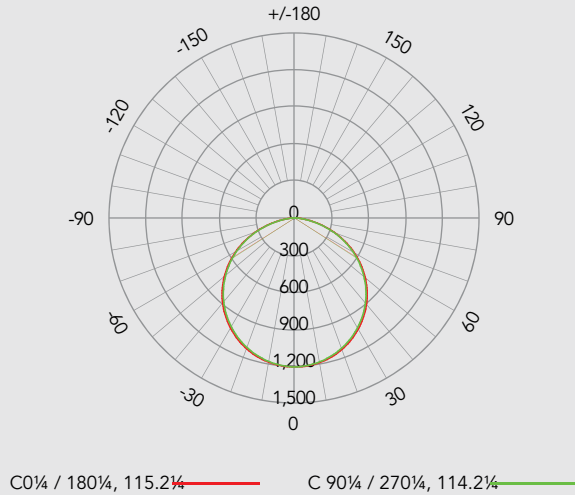
Height	E_{avg} E_{max}	Diameter
0.5 m	2,971, 61,691 lx	91.29 cm
1 m	742.7, 15,421 lx	182.57 cm
1.5 m	330.1, 685.41 lx	273.86 cm
2 m	185.7, 385.61 lx	365.15 cm
2.5 m	118.8, 246.81 lx	456.43 cm

Flux Out: 2,029 lm | Angle: 84.78°



Photometrics

1' x 4' INDIRECT CURVED PANEL (30W@4000K)

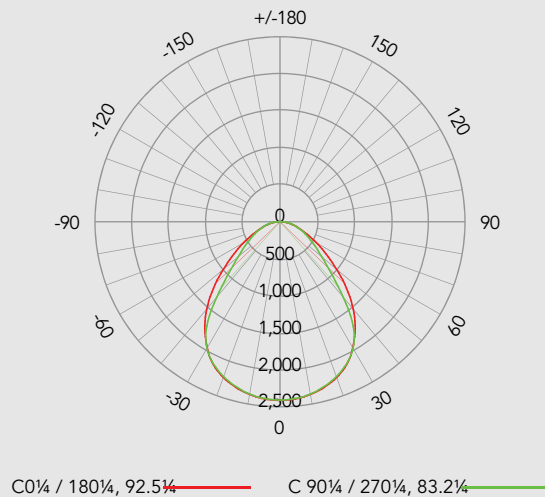


1' x 4' INDIRECT CURVED PANEL (30W@4000K)

Height	E_{avg} E_{max}	Diameter
0.5 m	1,318, 48,231 lx	154.35 cm
1 m	329.5, 12,061 lx	308.71 cm
1.5 m	146.4, 535.81 lx	463.06 cm
2 m	82.38, 301.41 lx	617.41 cm
2.5 m	52.72, 192.91 lx	771.76 cm

Flux Out: 2,651 lm | Angle: 114.112°

1' x 4' INDIRECT CURVED PANEL (40W@4000K)



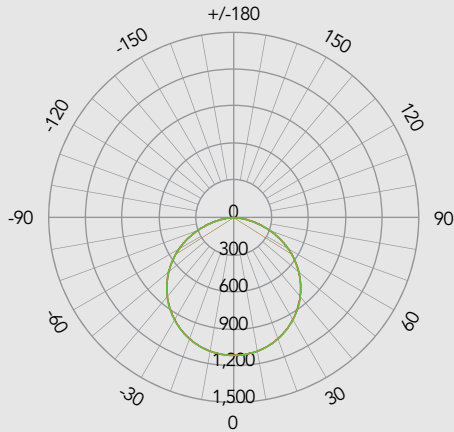
1' x 4' INDIRECT CURVED PANEL (40W@4000K)

Height	E_{avg}	Diameter
0.5 m	9,529.16 lx	97.53 cm
1 m	2,382.29 lx	192.02 cm
1.5 m	1,058.80 lx	289.56 cm
2 m	595.57 lx	384.04 cm
2.5 m	381.17 lx	481.58 cm

Flux Out: ? lm | Angle: 84.78°

Photometrics

2' x 2' INDIRECT CURVED PANEL (25W@4000K)



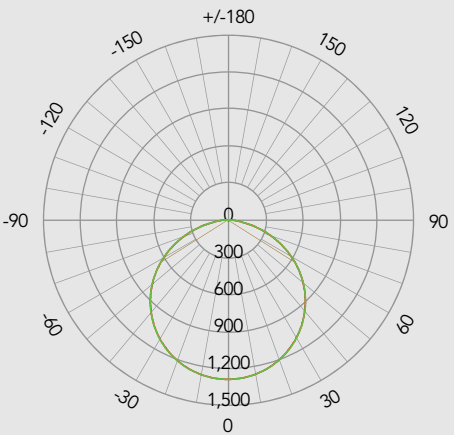
C0° / 180°, 115.2° — C 90° / 270°, 115.3° —

2' x 2' INDIRECT CURVED PANEL (25W@4000K)

Height	E_{avg}, E_{max}	Diameter
0.5 m	1,186, 43,121 lx	157.57 cm
1 m	296.4, 10,781 lx	315.14 cm
1.5 m	131.7, 479.11 lx	472.71 cm
2 m	74.10, 269.51 lx	630.29 cm
2.5 m	47.42, 172.51 lx	787.86 cm

Flux Out: 2,385 lm | Angle: 115.2°

2' x 2' INDIRECT CURVED PANEL (30W@4000K)



C0° / 180°, 115.2° — C 90° / 270°, 115.4° —

2' x 2' INDIRECT CURVED PANEL (30W@4000K)

Height	E_{avg}, E_{max}	Diameter
0.5 m	1,388, 50,461 lx	157.63 cm
1 m	347.0, 12,621 lx	315.26 cm
1.5 m	154.2, 560.71 lx	472.90 cm
2 m	86.75, 315.41 lx	630.53 cm
2.5 m	55.52, 201.81 lx	788.16 cm

Flux Out: 2,792 lm | Angle: 115.22°

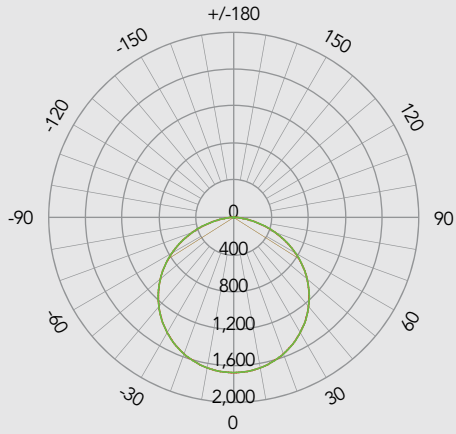


AIM Series | Architectural Indirect Curved Panel

ARCHITECTURAL LUMINAIRES BY  RENO[™] LIGHTING

Photometrics

2' x 2' INDIRECT CURVED PANEL (40W@4000K)



C0° / 180°, 115.21°  C 90° / 270°, 115.31° 

2' x 2' INDIRECT CURVED PANEL (40W@4000K)

Height	E_{avg}, E_{max}	Diameter
0.5 m	1,800, 65,481 lx	157.63 cm
1 m	450.1, 16,371 lx	315.26 cm
1.5 m	200.0, 727.61 lx	472.90 cm
2 m	112.5, 409.31 lx	630.53 cm
2.5 m	72.01, 261.91 lx	788.16 cm

Flux Out: 3,621 lm | Angle: 115.22°



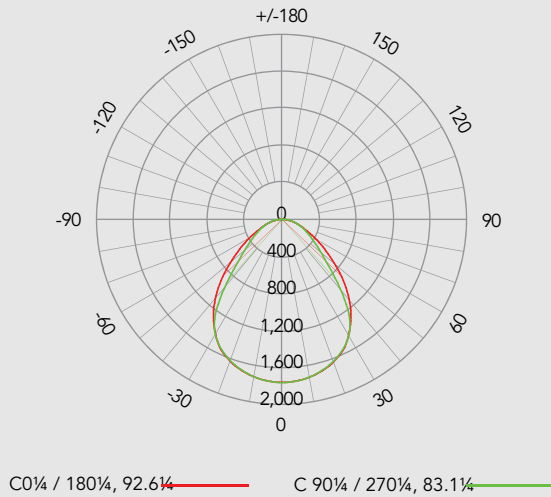


AIM Series | Architectural Indirect Curved Panel

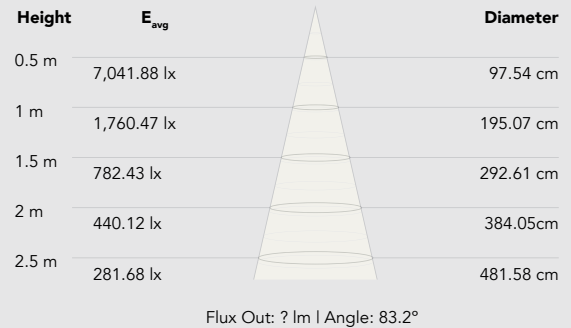
ARCHITECTURAL LUMINAIRES BY RENO[™] LIGHTING

Photometrics

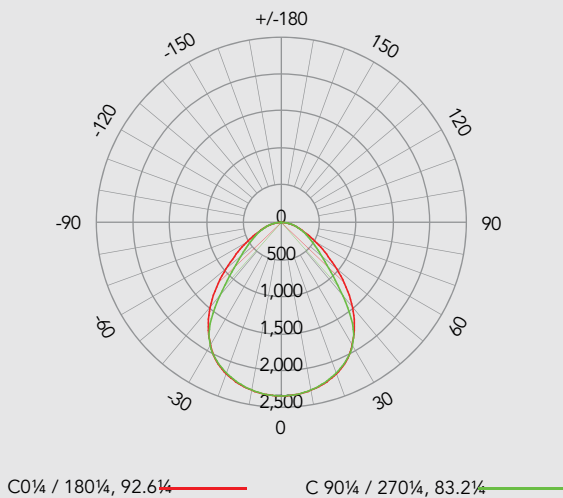
2' x 4' INDIRECT CURVED PANEL (30W@4000K)



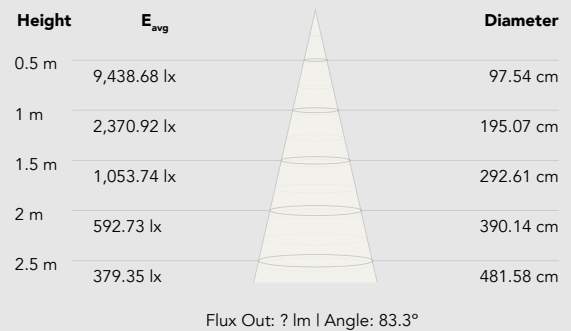
2' x 4' INDIRECT CURVED PANEL (30W@4000K)



2' x 4' INDIRECT CURVED PANEL (40W@4000K)



2' x 4' INDIRECT CURVED PANEL (40W@4000K)



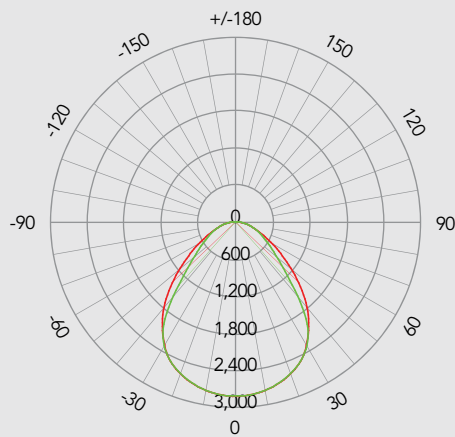


AIM Series | Architectural Indirect Curved Panel

ARCHITECTURAL LUMINAIRES BY  RENO[™] LIGHTING

Photometrics

2' x 4' INDIRECT CURVED PANEL (50W@4000K)



C0° / 180°, 92.4%

C 90° / 270°, 83.3%

2' x 4' INDIRECT CURVED PANEL (50W@4000K)

Height	E _{avg}	Diameter
0.5 m	11,185.52 lx	97.54 cm
1 m	2,796.38 lx	195.07 cm
1.5 m	1,242.84 lx	292.61 cm
2 m	699.09 lx	390.14 cm
2.5 m	447.42 lx	487.68 cm

Flux Out: ? lm | Angle: 83.4°





AIM Series | Architectural Indirect Curved Panel

ARCHITECTURAL LUMINAIRES BY  **RENO**
LIGHTING

Dimensions

1' x 4'

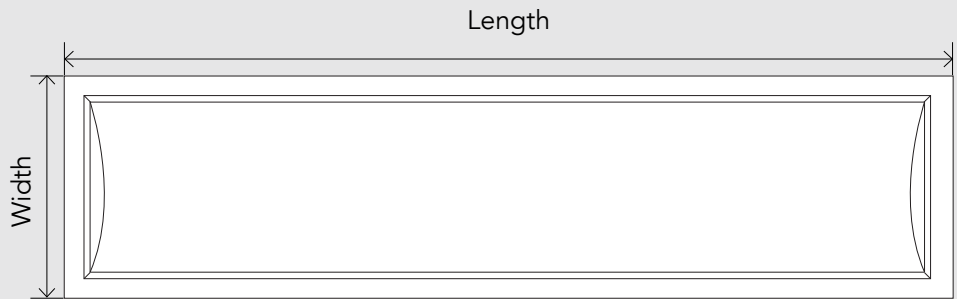
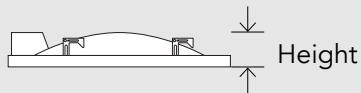
Length: 11 - 29/32"

Width: 47-11/16"

Height: 1-31/32"

Height 1-7/8"

w/Driver:



2' x 2'

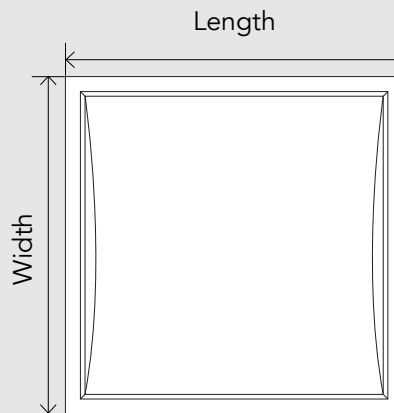
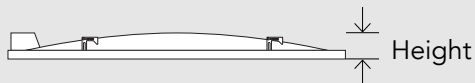
Length: 23-11/16"

Width: 23-11/16"

Height: 1-31/32"

Height 1-3/4"

w/Driver:



2' x 4'

Length: 47-1/4"

Width: 23-11/16"

Height: 2-61/64"

Height 1-3/4"

w/Driver:

