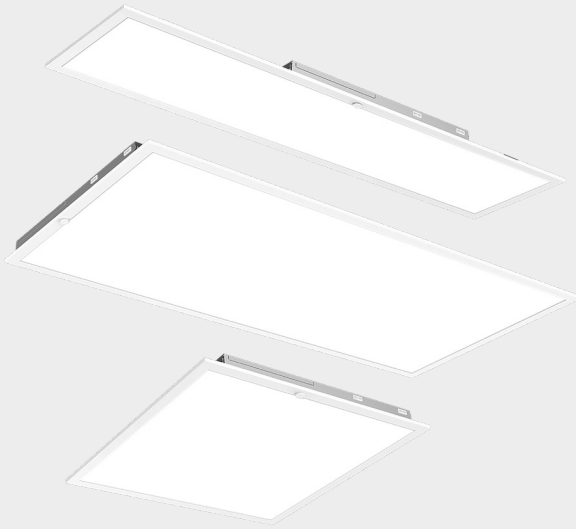


Date: \_\_\_\_\_ Project: \_\_\_\_\_

Type: \_\_\_\_\_ Part #: \_\_\_\_\_



## Aim Series

### High Power Back-Lit Panel w/ Sensor Compatibility

RENO Lighting's AIM Series high-power sensor-ready backlit panel is a versatile lighting solution for modern commercial environments.

Featuring an integrated sensor-ready port compatible with PIR and Bluetooth controls, it delivers flexible functionality in a seamless design. Engineered for visual comfort, the AIM Series offers less than 5% flicker, 90 CRI, uniform illumination, and long maintenance-free performance for a wide range of applications.



## Product Features

- DLC Premium.
- Available sizes: 1x4, 2x2, 2x4
- Integrated 2.5 mm sensor port. Compatible with both standalone and smart sensors
- Formed SPCC cold-rolled steel with powder-coated white finish
- PMMA lens
- Backlit technology offers even light distribution without shadowing
- Less than 5% flicker to minimize eye strain and visual fatigue
- Damp location rated
- Operating temp: -4°F to 104°F (-20°C to 50°C)
- Rated Lifetime > 100,000 hours
- 10 Year Limited Warranty

## Specifications

|                            |                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Voltage</b>             | 120-347V AC                                                                                                    |
| <b>Selectable Wattages</b> | 1x4: 20/35/40/45/50W (Default 50W)<br>2x2: 20/35/40/45/50W (Default 50W)<br>2x4: 30/40/50/60/72W (Default 72W) |
| <b>Selectable CCT</b>      | 30/35/40/50/65K (Default 4000K)                                                                                |
| <b>Power Factor</b>        | > 0.9                                                                                                          |
| <b>CRI</b>                 | 90+                                                                                                            |
| <b>Lumens</b>              | 1x4: Up to 6,644 lm<br>2x2: Up to 6,773 lm<br>2x4: Up to 9,663 lm                                              |
| <b>Efficacy</b>            | Up to 154 lm/W                                                                                                 |
| <b>Beam Angle</b>          | 125°                                                                                                           |
| <b>Dimming</b>             | 0-10V                                                                                                          |
| <b>Mounting</b>            | Surface, T-Grid, Suspension                                                                                    |
| <b>Applications</b>        | Office, Conference Rooms, Retail, Commercial Spaces, Healthcare                                                |

## Specifications - AIM Flat Panel 1x4

| Order #       | Model                        | Wattage | Efficacy   | Lumens     | CCT               |
|---------------|------------------------------|---------|------------|------------|-------------------|
| <b>R35331</b> | RENO-14BLPL-DV-MW-MCCT-HL-MS | 20W     | 146.1 lm/W | 2,850.6 lm | 30/35/40/50/6500K |
|               |                              | 35W     | 145.9 lm/W | 4,745.1 lm | 30/35/40/50/6500K |
|               |                              | 40W     | 145.1 lm/W | 5,377.3 lm | 30/35/40/50/6500K |
|               |                              | 45W     | 141.3 lm/W | 5,936.1 lm | 30/35/40/50/6500K |
|               |                              | 50W     | 141.8 lm/W | 6,845.9 lm | 30/35/40/50/6500K |

## Specifications - AIM Flat Panel 2x2

| Order #       | Model                        | Wattage | Efficacy   | Lumens     | CCT               |
|---------------|------------------------------|---------|------------|------------|-------------------|
| <b>R35332</b> | RENO-22BLPL-DV-MW-MCCT-HL-MS | 20W     | 154.2 lm/W | 3031.2 lm  | 30/35/40/50/6500K |
|               |                              | 35W     | 149.8 lm/W | 4,944.2 lm | 30/35/40/50/6500K |
|               |                              | 40W     | 148.5 lm/W | 5,498.6 lm | 30/35/40/50/6500K |
|               |                              | 45W     | 145.0 lm/W | 6,192.4 lm | 30/35/40/50/6500K |
|               |                              | 50W     | 143.6 lm/W | 6,997.7 lm | 30/35/40/50/6500K |

## Specifications - AIM Flat Panel 2x4

| Order #       | Model                        | Wattage | Efficacy   | Lumens      | CCT               |
|---------------|------------------------------|---------|------------|-------------|-------------------|
| <b>R35333</b> | RENO-24BLPL-DV-MW-MCCT-HL-MS | 30W     | 145.2 lm/W | 4,624.2 lm  | 30/35/40/50/6500K |
|               |                              | 40W     | 145.5 lm/W | 5,565.0 lm  | 30/35/40/50/6500K |
|               |                              | 50W     | 144.2 lm/W | 6,678.3 lm  | 30/35/40/50/6500K |
|               |                              | 60W     | 139.5 lm/W | 7,725.7 lm  | 30/35/40/50/6500K |
|               |                              | 72W     | 144.6 lm/W | 10,246.8 lm | 30/35/40/50/6500K |

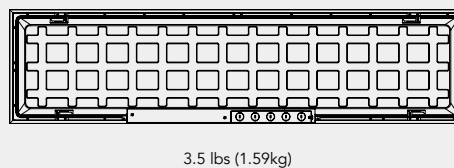
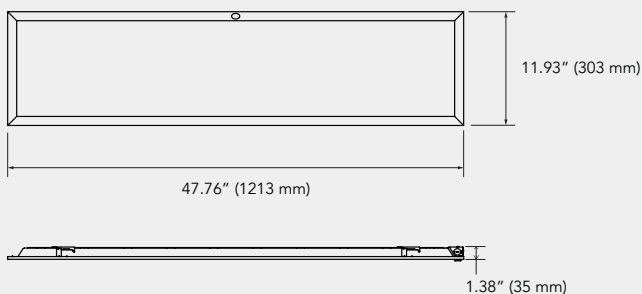
## DLC Certification

| Order #       | Model #                      | Application                                                       | DLC Standard | DLC Premium |
|---------------|------------------------------|-------------------------------------------------------------------|--------------|-------------|
| <b>R35331</b> | RENO-14BLPL-DV-MW-MCCT-HL-MS | 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces | S-Y7TYB8     | S-GJN3HN    |
| <b>R35332</b> | RENO-22BLPL-DV-MW-MCCT-HL-MS | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces | S-DFL7SM     | S-6YVQ10    |
| <b>R35333</b> | RENO-24BLPL-DV-MW-MCCT-HL-MS | High-Bay Luminaires for Commercial and Industrial Buildings       | S-86TWK9     | S-86TWK9    |

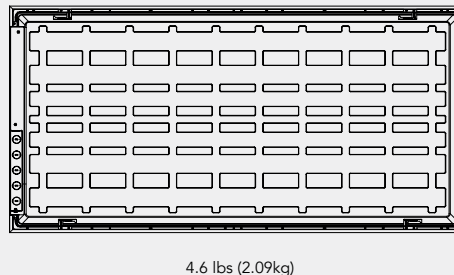
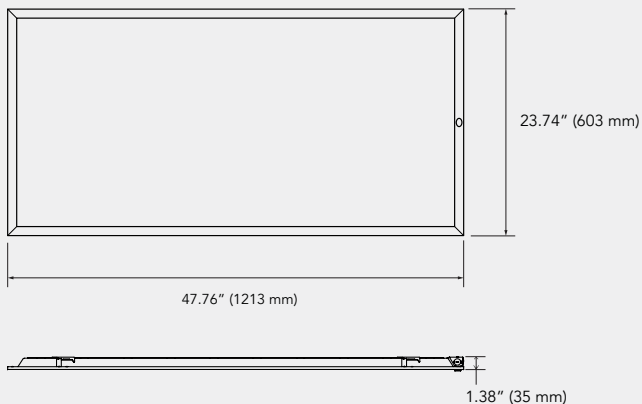
## Dimensions

Aim Flat Panel 1x4 | 2x4 | 2x2

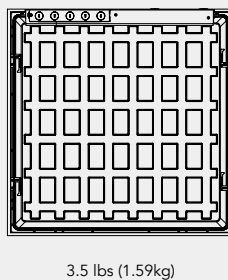
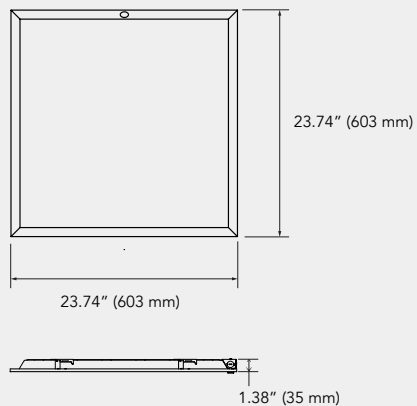
### R35331- AIM Flat Panel 1x4



### R35333- AIM Flat Panel 2x4

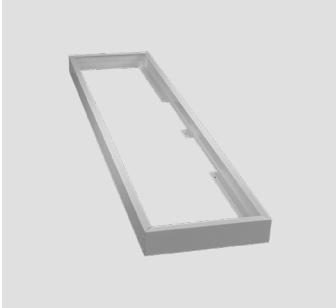


### R35332- AIM Flat Panel 2x2



## Accessories

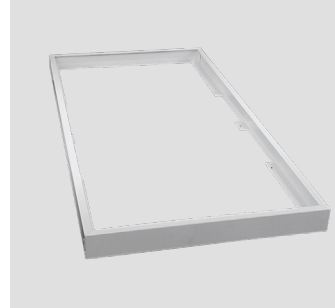
### Mounting



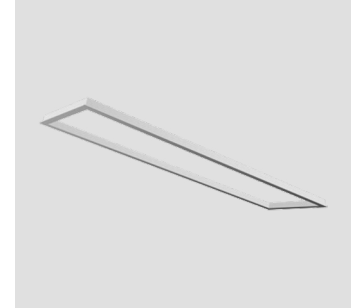
**1x4 Surface Mount Kit**  
 R39201  
 RENO-SMK14



**2x2 Surface Mount Kit**  
 R39202  
 RENO-SMK22



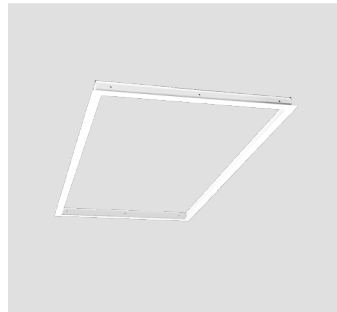
**2x4 Surface Mount Kit**  
 R39203  
 RENO-SMK24



**1x4 Recessed Flange**  
 R39211  
 RENO-RFK14



**2x2 Recessed Flange**  
 R39212  
 RENO-RFK22



**2x4 Recessed Flange**  
 R39213  
 RENO-RFK24



**10Ft Suspension Kit**  
 R39204  
 RENO-RP

| Order #       | Model #    | Description                                      |
|---------------|------------|--------------------------------------------------|
| <b>R39201</b> | RENO-SMK14 | 1 x 4 Surface Mount Frame                        |
| <b>R39202</b> | RENO-SMK22 | 2 x 2 Surface Mount Frame                        |
| <b>R39203</b> | RENO-SMK24 | 2 x 4 Surface Mount Frame                        |
| <b>R39211</b> | RENO-RFK14 | 1 x 4 Recessed Flange Kit                        |
| <b>R39212</b> | RENO-RFK22 | 2 x 2 Recessed Flange Kit                        |
| <b>R39213</b> | RENO-RFK24 | 2 x 4 Recessed Flange Kit                        |
| <b>R39204</b> | RENO-RP    | 10Ft Aircraft Suspension Cable for 1x4, 2x4, 2x2 |

## Accessories

### Emergency LED Drivers

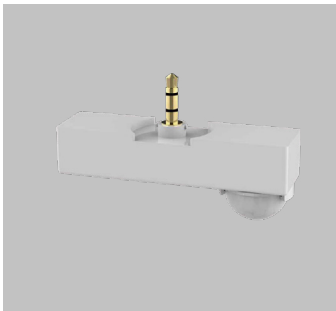


**Emergency LED Driver**  
R83001  
RENO-EM-H15

| Order #       | Model #     | Description                                                                            |
|---------------|-------------|----------------------------------------------------------------------------------------|
| <b>R83001</b> | RENO-EM-H15 | External Mount   15W   100-347Vac   50/60Hz   0.1A max   12W max   170V DC   5°C ~50°C |

## Accessories

### Sensor Remotes



**PIR Sensor for the Sensor-Ready Flat Panels**  
R74006  
RENO-SENSOR-PIR-2.5MM-H



**Remote Control for Standalone Sensor (with Screen)**  
R73002  
RENO-REMOTE-H



**Remote Control for Standalone Sensor (without Screen)**  
R73005  
RENO-REMOTE-H-ECO

| Order #       | Model #                 | Type   | Description                                                                      |
|---------------|-------------------------|--------|----------------------------------------------------------------------------------|
| <b>R74006</b> | RENO-SENSOR-PIR-2.5MM-H | Sensor | PIR Sensor for the Sensor-Ready Flat Panels R35321 / R35322 / R3532              |
| <b>R73002</b> | RENO-REMOTE-H           | Remote | Remote Control for Standalone Sensors with Screen (Only 1 needed per project)    |
| <b>R73005</b> | RENO-REMOTE-H-ECO       | Remote | Remote Control for Standalone sensors without Screen (Only 1 needed per project) |

## Accessories

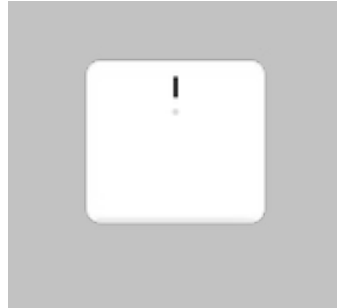
### RENO SMART NLC Sensors



**Bluetooth PIR sensor for the Sensor-Ready Flat Panels**

R75005

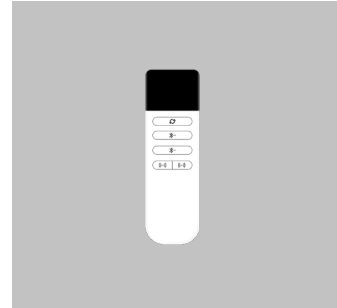
RENO-RS-JK-2.5MM-PIR-12V



**Ceiling Mounted Gateway for RENO Smart NLC System**

R75201

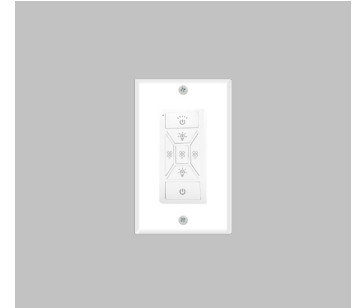
RENO-RS-GW-BCNW



**5-Key Reset Remote Controller**

R75301

RENO-RS-RC-BNNN



**7-Key Smart Wall Switch for RENO Smart NLC System**

R75302

RENO-RS-RC-BNNG

| Order #       | Model #                  | Description                                                                  |
|---------------|--------------------------|------------------------------------------------------------------------------|
| <b>R75005</b> | RENO-RS-JK-2.5MM-PIR-12V | Bluetooth PIR sensor for the Sensor-Ready Flat Panels (R35321/R35322/R35323) |
| <b>R75201</b> | RENO-RS-GW-BCNW          | Ceiling Mounted Gateway for RENO Smart NLC System                            |
| <b>R75301</b> | RENO-RS-RC-BNNN          | 5-Key Reset Remote Controller                                                |
| <b>R75302</b> | RENO-RS-RC-BNNG          | 7-Key Smart Wall Switch for RENO Smart NLC System                            |