

|      |  |             |  |
|------|--|-------------|--|
| Date |  | Project     |  |
| Type |  | Part Number |  |

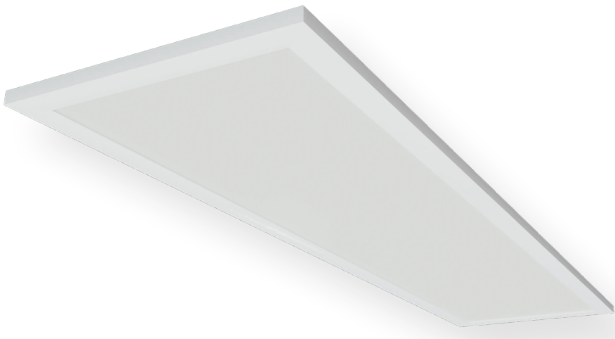


# AIM Series

## 1x4 Backlit Flat Panel

### ORDERING INFORMATION

|                      |                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order Code           | R35104                                                                                                                                                    |
| Model Number         | RENO-14BLPL-UNV/347-MWMCCT-HL                                                                                                                             |
| Case Quantity        | 2                                                                                                                                                         |
| DLC / Energy Star ID | S-EPG3HS<br>Luminaires for Ambient Lighting of<br>Interior Commercial Spaces<br>S-JCSD3L<br>Low-Bay Luminaires for Commercial<br>and Industrial Buildings |



### PHYSICAL DATA

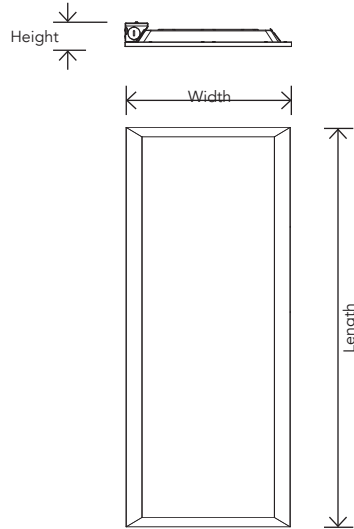
|                  |                                                     |
|------------------|-----------------------------------------------------|
| Dimensions       | 12" x 47.8" x 1.8" (30.48 cm x 121.41 cm x 4.57 cm) |
| Lens / Diffuser  | Frosted Polycarbonate, PMMA                         |
| Case / Housing   | Powder Coated Aluminum (White)                      |
| Mounting Type(s) | Suspended, Surface mounted, Recessed                |

### PERFORMANCE DATA

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Wattage               | 20/25/30/40W                                                                        |
| Voltage               | 120-347V AC                                                                         |
| CCT                   | 35/40/5000K (Typical range+/-5%)                                                    |
| Lumen                 | 2,500 - 5200 lm                                                                     |
| Efficacy              | 125 - 130lm/W                                                                       |
| CRI                   | 80+                                                                                 |
| Lifespan              | L70 100,000 hrs, INESA LM-80 testing report: 9,000 hrs (INESA TM-21 extrapolations) |
| Dimming               | 0-10V                                                                               |
| Power Factor          | >0.9                                                                                |
| THD                   | 20%                                                                                 |
| Operating Temperature | -4°F to +122°F (-20°C to +50°C) - See table for more details                        |

| Wattage | 3500K    |          | 4000K    |          | 5000K    |          | Voltage  |
|---------|----------|----------|----------|----------|----------|----------|----------|
|         | Lumens   | Efficacy | Lumens   | Efficacy | Lumens   | Efficacy |          |
| 20W     | 2,500 lm | 125 lm/W | 2,600 lm | 130 lm/W | 2,540 lm | 127 lm/W | 120-347V |
| 25W     | 3,125 lm | 125 lm/W | 3,250 lm | 130 lm/W | 3,175 lm | 127 lm/W | 120-347V |
| 30W     | 3,750 lm | 125 lm/W | 3,900 lm | 130 lm/W | 3,810 lm | 127 lm/W | 120-347V |
| 40W     | 5,008 lm | 125 lm/W | 5,200 lm | 130 lm/W | 5,080 lm | 127 lm/W | 120-347V |

## DIMENSIONS



Width: 12" (304 mm)

Height: 1.8" (45.4 mm)

Length: 47.8" (1214 mm)

Weight: 3.5 lbs (1.59 kg)

## ACCESSORIES

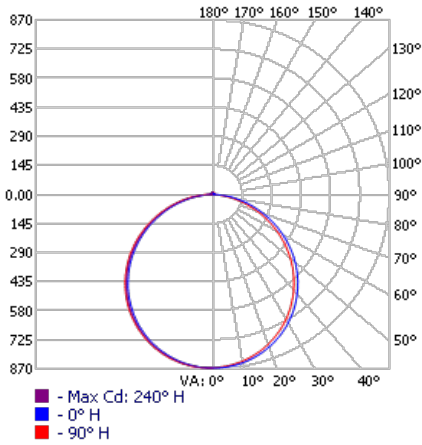
| Order# | Name / Description                               |
|--------|--------------------------------------------------|
| R39201 | 1X4 Surface Mount Frame                          |
| R39211 | 1X4 Recessed Flange Kit                          |
| R39204 | Aircraft Suspension Cable                        |
| R83001 | Emergency LED Driver (100-347V AC, 50-60Hz, 15W) |

# RENO-14BLPL-UNV/347-MWMCCT-HL | INDIVIDUAL SPECSHEET

## PHOTOMETRICS

|     |       |            |
|-----|-------|------------|
| 20W | 4000K | 2,588.9 lm |
|-----|-------|------------|

### LUMINOUS INTENSITY DISTRIBUTION



### ZONAL LUMEN SUMMARY

| Zone   | Lumen   | % Fixture |
|--------|---------|-----------|
| 0-30   | 674.9   | 26.1      |
| 0-40   | 1,108.9 | 42.8      |
| 0-60   | 1,975.1 | 76.3      |
| 60-90  | 574.1   | 22.2      |
| 70-100 | 257.9   | 10        |
| 90-120 | 13.7    | 0.5       |
| 0-90   | 2,549.2 | 98.5      |
| 90-180 | 39.7    | 1.5       |
| 0-180  | 2,588.9 | 100       |

### ILLUMINANCE AT A DISTANCE

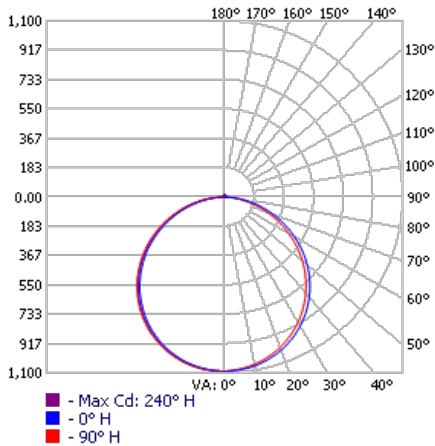
| Height  | Center Beam fc | Beam Width (V / H) |
|---------|----------------|--------------------|
| 4.0 ft  | 54.08 fc       | 12.5 / 12.3 ft     |
| 8.0 ft  | 13.52 fc       | 25.0 / 24.6 ft     |
| 12.0 ft | 6.01 fc        | 37.5 / 37.0 ft     |
| 16.0 ft | 3.38 fc        | 50.0 / 49.3 ft     |
| 20.0 ft | 2.16 fc        | 62.5 / 61.6 ft     |

Vertical Spread: 114.7° | Horizontal Spread: 114.0°

See IES Files for details.

|     |       |            |
|-----|-------|------------|
| 25W | 4000K | 3,257.2 lm |
|-----|-------|------------|

### LUMINOUS INTENSITY DISTRIBUTION



### ZONAL LUMEN SUMMARY

| Zone   | Lumen   | % Fixture |
|--------|---------|-----------|
| 0-30   | 849.2   | 26.1      |
| 0-40   | 1,395.2 | 42.8      |
| 0-60   | 2,485.0 | 76.3      |
| 60-90  | 722.3   | 22.2      |
| 70-100 | 324.5   | 10        |
| 90-120 | 17.2    | 0.5       |
| 0-90   | 3,207.3 | 98.5      |
| 90-180 | 49.9    | 1.5       |
| 0-180  | 3,257.2 | 100       |

### ILLUMINANCE AT A DISTANCE

| Height  | Center Beam fc | Beam Width (V / H) |
|---------|----------------|--------------------|
| 4.0 ft  | 68.04 fc       | 12.5 / 12.3 ft     |
| 8.0 ft  | 17.01 fc       | 25.0 / 24.6 ft     |
| 12.0 ft | 7.56 fc        | 37.5 / 37.0 ft     |
| 16.0 ft | 4.25 fc        | 50.0 / 49.3 ft     |
| 20.0 ft | 2.72 fc        | 62.5 / 61.6 ft     |

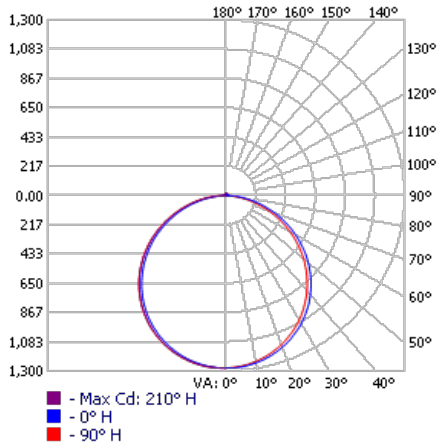
Vertical Spread: 114.7° | Horizontal Spread: 114.0°

See IES Files for details.

## PHOTOMETRICS (CONTINUED)

|     |       |            |
|-----|-------|------------|
| 30W | 4000K | 3,823.8 lm |
|-----|-------|------------|

### LUMINOUS INTENSITY DISTRIBUTION



### ZONAL LUMEN SUMMARY

| Zone   | Lumen   | % Fixture |
|--------|---------|-----------|
| 0-30   | 996.7   | 26.1      |
| 0-40   | 1,637.7 | 42.8      |
| 0-60   | 2,916.9 | 76.3      |
| 60-90  | 848.0   | 22.2      |
| 70-100 | 381.0   | 10        |
| 90-120 | 20.3    | 0.5       |
| 0-90   | 3,764.9 | 98.5      |
| 90-180 | 58.9    | 1.5       |
| 0-180  | 3,823.8 | 100       |

### ILLUMINANCE AT A DISTANCE

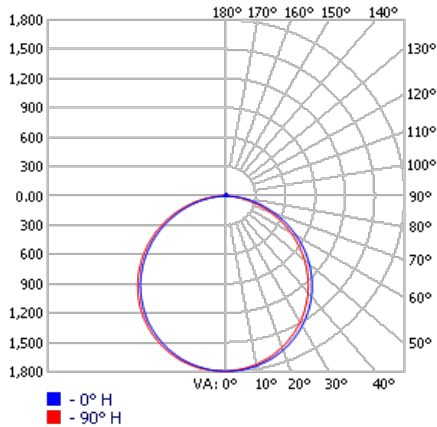
| Height  | Center Beam fc | Beam Width (V / H) |
|---------|----------------|--------------------|
| 4.0 ft  | 79.85 fc       | 12.5 / 12.3 ft     |
| 8.0 ft  | 19.96 fc       | 25.0 / 24.6 ft     |
| 12.0 ft | 8.87 fc        | 37.5 / 37.0 ft     |
| 16.0 ft | 4.99 fc        | 50.0 / 49.3 ft     |
| 20.0 ft | 3.19 fc        | 62.5 / 61.6 ft     |

Vertical Spread: 114.7° | Horizontal Spread: 114.0°

See IES Files for details.

|     |       |            |
|-----|-------|------------|
| 40W | 4000K | 5,363.8 lm |
|-----|-------|------------|

### LUMINOUS INTENSITY DISTRIBUTION



### ZONAL LUMEN SUMMARY

| Zone   | Lumen   | % Fixture |
|--------|---------|-----------|
| 0-30   | 1,398.4 | 26.1      |
| 0-40   | 2,297.5 | 42.8      |
| 0-60   | 4,091.9 | 76.3      |
| 60-90  | 1,189.2 | 22.2      |
| 70-100 | 534.2   | 10        |
| 90-120 | 28.6    | 0.5       |
| 0-90   | 5,281.1 | 98.5      |
| 90-180 | 82.7    | 1.5       |
| 0-180  | 5,363.8 | 100       |

### ILLUMINANCE AT A DISTANCE

| Height  | Center Beam fc | Beam Width (V / H) |
|---------|----------------|--------------------|
| 4.0 ft  | 112.05 fc      | 12.5 / 12.3 ft     |
| 8.0 ft  | 28.01 fc       | 25.0 / 24.6 ft     |
| 12.0 ft | 12.45 fc       | 37.5 / 37.0 ft     |
| 16.0 ft | 7.00 fc        | 50.0 / 49.3 ft     |
| 20.0 ft | 4.48 fc        | 62.5 / 61.6 ft     |

Vertical Spread: 114.7° | Horizontal Spread: 114.0°

See IES Files for details.

## SPECIFIER CONFIRMATION

| Order# | Quantity | Price |
|--------|----------|-------|
|--------|----------|-------|

I accept the specifications of the luminaire configuration.

| Signature | Company |
|-----------|---------|
| Name      | Date    |