

# GR2Ri

Recessed 2" Linear LED Luminaire  
For Ambient Lighting



Preliminary



Project: \_\_\_\_\_  
 Cat#: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Product Description

Narrow aperture recessed direct linear LED Luminaire. Shallow less than 3" Integral Driver depth for shallow plenum applications. Nominal 2" aperture minimizes brightness with the choice of Flush Lens, Regress Lens and Baffle options. Controlled Optics with Diffuse Lambertian or Performance. Easy mounting between ceiling grid or drywall / hard ceiling.

### Construction

Housing is constructed out of die formed steel and aluminum and available in standard white or custom powder coat finishes. Lenses are extruded high light transmission UV stable acrylic.

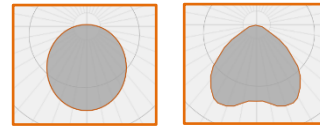
### Light Source

Light source comprised of mid power LEDs that are thermally engineered to ensure optimal efficacies over 100 lumens per watt and 80+ CRI. Luminaire light output guaranteed to achieve a minimum of 70% luminaire output over 100,000 hours at typical 25 deg. C operating conditions. LED components and luminaires are compliant with IESNA LM80.

### Certification and Warranty

Luminaires carry a limited 5 year limited warranty and all luminaires are UL listed for indoor damp rated lighting applications.

### Performance



D-Diffuse P-Performance

### Fixture Options

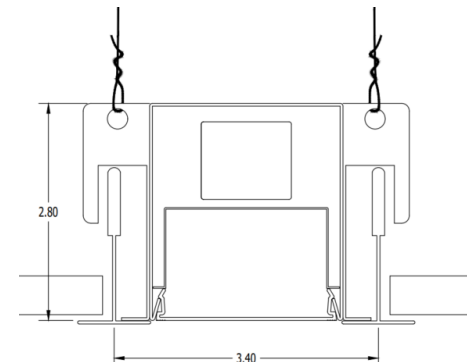
Example GR2Ri-D-5000-40K-010-M-G1-WH-04

| Series      | GR2Ri                         | 2" Aperture Recessed  | GR2Ri |
|-------------|-------------------------------|---|-------|
| Optics      | D<br>DR<br>P<br>PR<br>BS      | Standard Diffuse Lambertian Lens<br>Regress Diffuse Lens Performance<br>Performance Lens<br>Performance Lens Lens Regress<br>Baffle |       |
| Light Level | 375F<br>500F<br>750F<br>1000F | 375 lm/ft<br>500 lm/ft<br>750 lm/ft<br>1000 lm/ft   |       |
| Color       | 30K<br>35K<br>40K             | 3000K<br>3500K<br>4000K   |       |
| Driver      | STD<br>010                    | STD Switched Driver<br>0-10 volt Dimming to 1%  |       |
| Power       | M                             | 120-277v  |       |
| Ceiling     | G1<br>G9<br>GS<br>FL          | 15/16" Grid Ceiling<br>9/16" Grid Ceiling<br>Slot Grid Ceiling<br>Flange Drywall/Structure  |       |
| Finish      | WH<br>CC                      | White Powder coat Finish<br>Custom Color Finish   |       |
| Length      | 02<br>04                      | 2' Individual Grid Length Fixture<br>4' Individual Grid Length Fixture<br>NOTE: Not Continuous Row Mountable                        |       |
| Options     | EB                            | Emergency Battery<br>Consult Factory for Options  |       |

| GR2R       | System Lumens (System Watts) |                   |                   |                   |                   |
|------------|------------------------------|-------------------|-------------------|-------------------|-------------------|
|            | Optics Down                  |                   |                   |                   |                   |
| Lumens     | D                            | DR                | P                 | PR                | BS                |
| 375 lm/ft  | 1610lm<br>(12.1w)            | 1644lm<br>(12.1w) | 1557lm<br>(12.1w) | 1434lm<br>(12.1w) | 1446lm<br>(12.1w) |
| 500 lm/ft  | 2124lm<br>(15.7w)            | 2169lm<br>(15.7w) | 2054lm<br>(15.7w) | 1891lm<br>(15.7w) | 1907lm<br>(15.7w) |
| 750 lm/ft  | 3210lm<br>(23.6w)            | 3278lm<br>(23.6w) | 3105lm<br>(23.6w) | 2858lm<br>(23.6w) | 2883lm<br>(23.6w) |
| 1000 lm/ft | 4229lm<br>(31.0w)            | 4319lm<br>(31.0w) | 4090lm<br>(31.0w) | 3765lm<br>(31.0w) | 3797lm<br>(31.0w) |

Fixture Data for GR2Ri-D 4' Fixture, Lumens/Efficacy multiplier 0.97 for 3000K and 1.03 for 4000K. Test data may vary by +/- 5%

### Dimensions

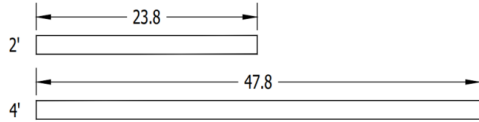


Due to ongoing product improvements, specifications are subject to change without notice. Consult website for latest information. [www.mojillum.com](http://www.mojillum.com)

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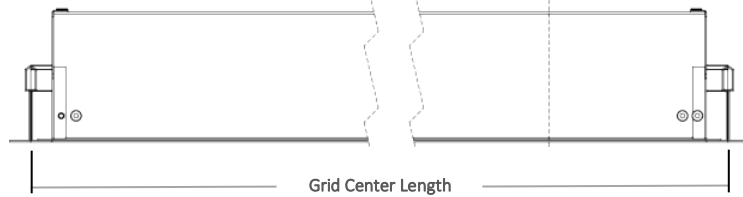
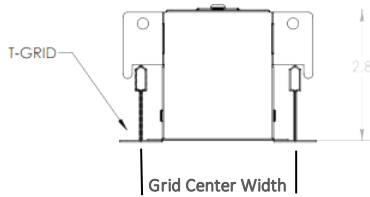
### Individual Fixture Lengths

Fixtures Fit Between Standard Grid Dimensions and are not Continuous Row Mountable



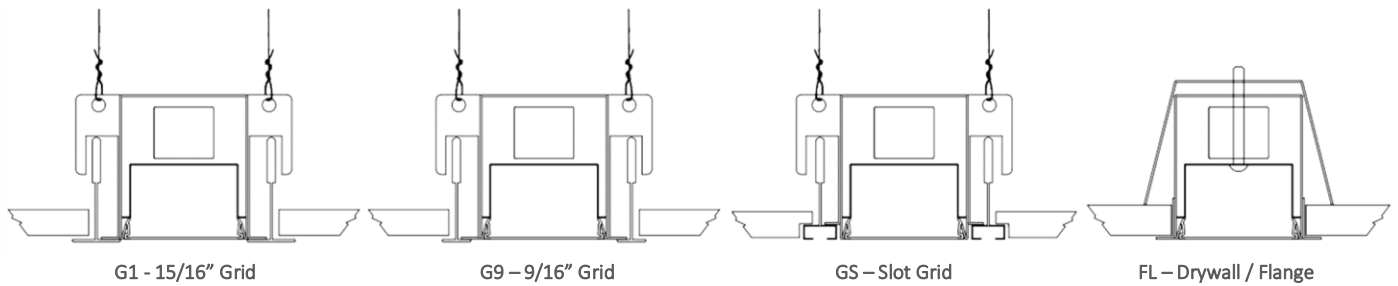
### Mounting

Grid G1, G9, GS and FL Drywall/Flange



| Grid Center Widths |         |
|--------------------|---------|
| Ceiling Type       | Centers |
| G1-15/16"          | 3.40"   |
| G9-9/16"           | 3.40"   |
| GS-9/16" Slot      | 3.27"   |

| G - Grid Centers Dimensions |        |        |
|-----------------------------|--------|--------|
| Fixture Length              | 2'     | 4'     |
| Width (G1 & G9)             | 3.40"  | 3.40"  |
| Width (GS)                  | 3.27"  | 3.27"  |
| Length                      | 24.00" | 48.00" |



| FL - Flange Fixture "Rough In" Opening |        |        |
|--|--------|--------|
| Fixture Length                         | 2'     | 4'     |
| Width                                  | 2.63"  | 2.63"  |
| Length                                 | 23.25" | 47.25" |