

## RG4

### Recessed / Grid

The Regolo RG4 series is a narrow recessed, nominal 4" wide profile, slot unit designed for grid ceiling systems. The slender design is ideal for corridors, open and private offices, classrooms, lobbies and general purpose rooms.

**Construction:** The housing consists of visible white powder coat extruded aluminum trim rails, with formed 20 gauge galvanized steel back channel and heavy gauge end caps. Steel alignment tabs and white snap-in joiner clips are used for continuous row applications. Luminaire is finished textured white.

**Reflector / Driver:** Reflector / driver cover is finished with high reflectant white paint. Drivers are standard constant current electronic driver with 0-10V dimming input with dimming range from 100% down to 1% and Universal (UNV) voltage from 120 - 277V, 50/60 Hz.

**Shielding:** Extruded frosted or satin white acrylic snap-in lens with DR.

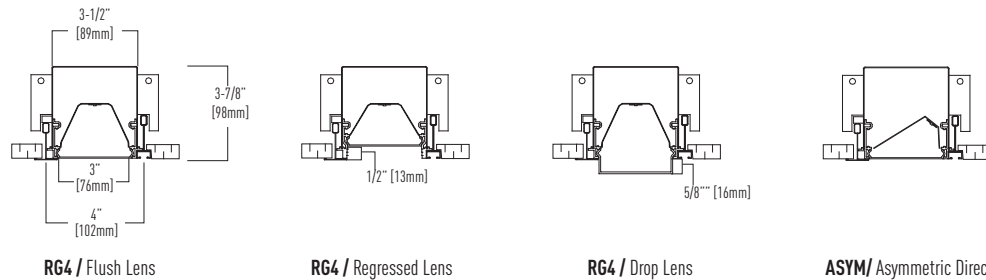
**LED Module:** Distributed LED array in a variety of lumen output packages. LED color is available in 3000K, 3500K, 4000K or 5000K and in 80CRI or 90CRI. Module is replaceable. L90 ≥ 100,000 hrs.

**Mounting:** Compatible with 9/16" and 1" T-Bar and Slotted Grid ceilings. IC rated. Individual mount or continuous rows.

**Labels:** EL Listed, conforms to UL Standard 1598/8750, CSA Standard C22.2 and Damp Location.

**Warranty:** 5-Year Warranty Standard

**Quick Ship:** 10 Day lead time for options highlighted in orange. Available in 4" nominal increments; includes 4' & 8' standalone fixtures and continuous rows.



#### ORDERING INFORMATION / Example: QS-RG4-05-L35-U-D-11-FRF-WH-4

RG4					
SERIES	LUMEN PACKAGE <sup>2</sup>	CRI/ CCT	VOLTAGE	DRIVER	
RG4 <sup>1</sup> - Recessed Linear LED Luminaire designed for Grid Ceilings, nominal 4" aperture width.	03 - 390 lm/ft (3.28W/ft)	L30 - 80 CRI, 3000K	U - Universal	<b>Dimming 0-10V</b> <b>D</b> - Dim to 1% (Standard) <b>D04</b> - Dim to 1%, Fade to Off <b>D02</b> - Eldoled Solodrive, Dim to 0% <b>TW10</b> - Tunable White <b>LUTRON</b> - See options on page 2	
	05 - 569 lm/ft (4.85W/ft)	L35 - 80 CRI, 3500K	1 - 120 Volts		
	06 - 724 lm/ft (6.38W/ft)	L40 - 80 CRI, 4000K	2 - 277 Volts		
	09 - 899 lm/ft (7.79W/ft)	L50 - 80 CRI, 5000K			
	10 - 1036 lm/ft (9.39W/ft)	H30 <sup>3</sup> - 90 CRI, 3000K			
		H35 <sup>3</sup> - 90 CRI, 3500K			
		H40 <sup>3</sup> - 90 CRI, 4000K			
QS-RG4 <sup>1</sup> - Quick Ship 10 Day Lead Time		TW - 90 CRI, 2700-6000K		<b>DALI Dimming</b> <b>ELE</b> - Eldoled Ecodrive, Dim to 1% <b>ELS</b> - Eldoled Solodrive, Dim to 0% <b>TWDA</b> - DALI Tunable White	

CIRCUITING <sup>5</sup> / EMERGENCY OPTIONS <sup>6</sup>			SHIELDING	FIXTURE FINISH	FIXTURE LENGTHS <sup>7</sup>	OPTIONS
<b>Qty of Power Circuits</b> <b>1 - 1 Circuit</b> <b>2 - 2 Circuits</b>	<b>Qty of Control Circuits</b> <b>1 - 1 Circuit</b> <b>2 - 2 Circuits</b>	<b>Options</b> <b>B10</b> - 10 Watt Battery Pack (CEC Compliant) <b>B15</b> - 15 Watt Battery Pack (CEC Compliant) <b>GTD</b> - Generator Transfer Device (120V or 277V) <b>EM</b> - Dedicated Emergency Circuit	<b>FRF</b> - Frosted Flush Lens <b>FRD</b> - Frosted Drop Lens (Opaque Ends) <b>FRL</b> - Frosted Drop Lens (Luminous Ends) <b>FRR</b> - Frosted Regressed Lens <b>STF</b> - Satin White Flush Lens <b>STD</b> - Satin White Drop Lens (Opaque Ends) <b>STL</b> - Satin White Drop Lens (Luminous Ends) <b>STR</b> - Satin White Regressed Lens	<b>WH</b> - White Painted Finish	<b>2 - 24"</b> <b>3 - 36"</b> <b>4 - 48"</b> <b>5 - 60"</b> <b>6 - 72"</b> <b>7 - 84"</b> <b>8 - 96"</b> <b>XX</b> - Specify run lengths in 6" increments (OS 4" increments). Consult factory for custom lengths.	<b>ASYM<sup>10</sup></b> - Asymmetric Reflector <b>CP</b> - Chicago Plenum <b>DSOS</b> - Combined Daylight and Occupancy Sensor <b>FLEX</b> - 6' of Flexible Conduit <b>GLR</b> - Fusing <b>PMT</b> - Perimeter Mount

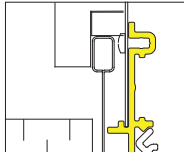
**Notes:**  
 1. Some products are DesignLights Consortium™ Qualified, refer to [www.designlights.org](http://www.designlights.org) Qualified Products List.  
 2. Nominal lumen output per foot for frosted lens and 3500K.  
 3. Efficacy reduction with 90CRI, consult factory for data.  
 4. Consult factory for specifications and manufacturer.  
 5. Multiple power circuits and control circuits can be accommodated. In Direct fixtures, the power and control circuits will be left to right within a fixture and/or row. Consult factory if the sum of the two numerals exceeds 4 (i.e. 22). Unable to accommodate left-right zoning in fixtures 5' or less.

**Notes (Continued):**  
 6. The EM Option will illuminate the direct light of a 4' section in fixtures 6' or greater.  
 7. Battery Pack not available in fixtures 3' or less.  
 8. The Satin White lens is recommended with the Regressed shielding.  
 9. Fixtures can be provided in custom run lengths down to the nearest (+/- 1/8").  
 10. Asymmetric reflector only available in the Frosted Flush Lens.

## Ceiling Grid Details

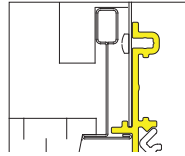
### 1" Grid Detail

1" Grid Detail

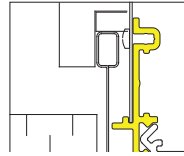


Standard Tile

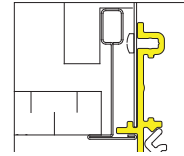
### 9/16" Grid Detail



Tegular Tile

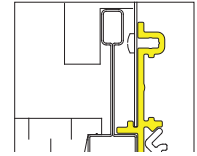


Standard Tile - 1-1/2"  
"T" height & supported by grid hook  
extension



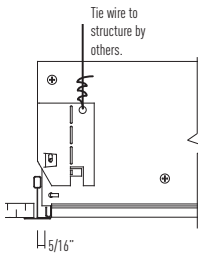
Standard Tile - Drop-down Luminaire

### Screw Slot Detail



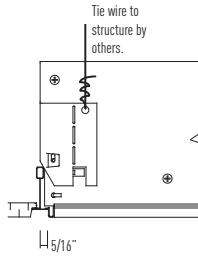
Tegular Tile

### 1" End Detail

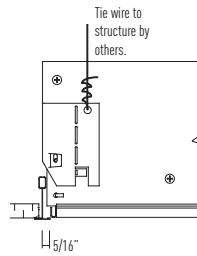


1/5/16"

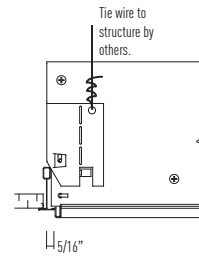
### 9/16" End Details



1/5/16"

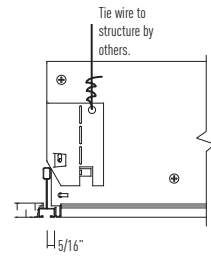


1/5/16"



1/5/16"

### Screw Slot End Detail



1/5/16"

Conventional, Techzone, and Logix ceilings are acceptable.

## Lens Options

### Shielding



Frosted

### Frosted Lens

This diffuser is designed for a balance between efficiency and lens uniformity. (Transmission ~ 89%)

### Satin White Lens

This diffuser is designed for visible lens uniformity. It's recommended for regressed lens configuration in our shallow housing. (Transmission ~ 69%)

## Lutron Driver Ordering Codes

Nulite Code	Lutron Prefix	Lutron Series	Dim Level	Quantity of Wires	Dim to Dark (Smooth)
L11*	PEQ	Hi-Lume™ Premiere	0.1%	2	X
L12	LTEA	Hi-Lume™ 2-Wire 120V forward phase	1%	No Control Wires - Uses Hot	
L15	LDE1	Hi-Lume™ H-Series	1%	2	X
L16	LDE5	Hi-Lume™ 5-Series	5%	2	

\*Maximum lumen package with L11 is 05

## Position

### Regressed Lens - "R"



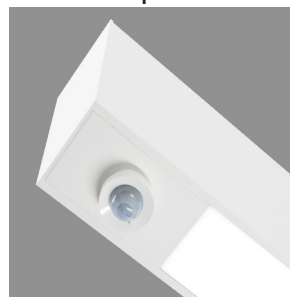
1/2" Regressed Lens (Satin White lens is

### Drop Lens - "L"



1/2" Drop Lens with Luminous Acrylic Ends

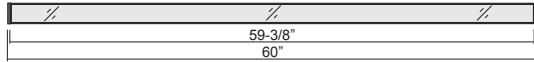
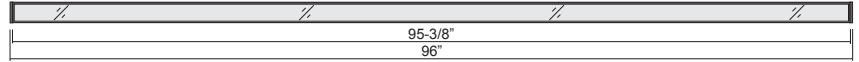
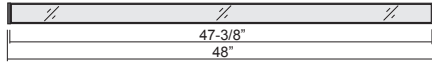
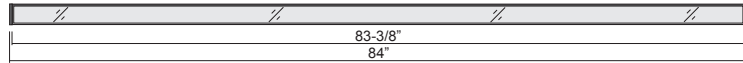
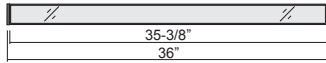
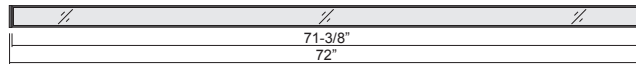
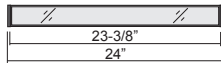
## DSOS Sensor Option:



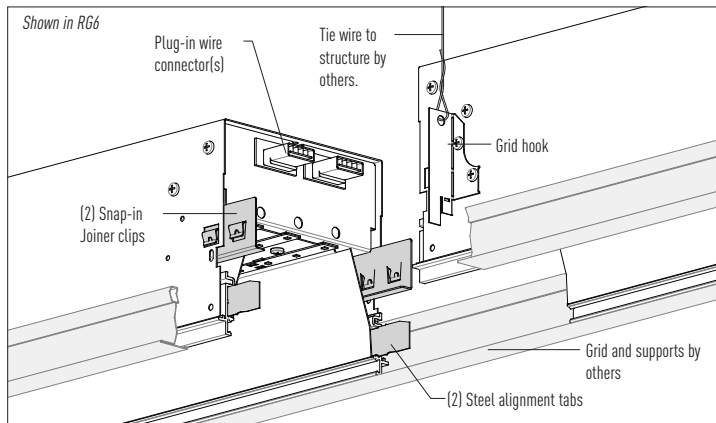
### Integral Daylight and Occupancy Sensor

The Regolo series is available with a combination PIR occupancy and daylight sensor for daylight harvesting. Consult factory for more details on sensor operation and commissioning.

## Individual Lengths



## Continuous Row Joiner Detail



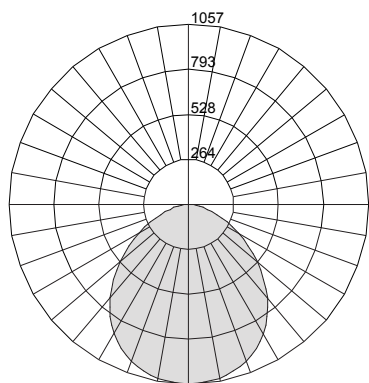
## Continuous Run Lengths

### Run Length

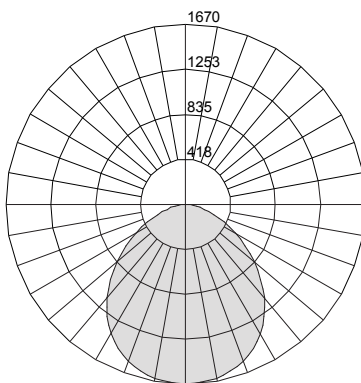
		2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'	22'	23'	24'	25'	26'	27'	28'	29'	30'	31'	32'	33'	34'	35'	36'	37'	38'	39'	40'	41'	42'	43'	44'		
Number of Housings	2'	1																																												
	3'		1																																											
	4'			1					1	1	1	1					1	1	1	1					1	1	1	1					1	1	1	1				1	1	1	1			
	5'				1				1				1				1				1					1	1	1		1				1				1								
	6'					1				1				1				1				1				1				1				1				1								
	7'						1				1				1				1				1				1				1				1				1							
	8'							1					1	1	1	1	2	1	1	1	2	2	2	2	3	2	2	2	3	3	3	3	4	3	3	3	4	4	4	4	5	4	4	4	5	

**Photometric Curves**

Cat. # RG4-05L35-...-FRF-...-4'  
*Frosted Flush Lens*  
 Wattage/ft - 4.85  
 Lumens/Watt - 117



Cat. # RG4-09L35-...-FRF-...-4'  
*Frosted Flush Lens*  
 Wattage/ft - 7.79  
 Lumens/Watt - 115



Cat. # RG4-05L40-...-FRF-...-4'-ASYM  
*Frosted Flush Lens*  
 Wattage - 5.25  
 Lumens/Watt - 110

