



Type:	Project:	Qty:
	Date:	
Catalog #:		

Description:

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

Specifications:

Construction: The housing consists of visible extruded aluminum trim rails with formed cold rolled 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.

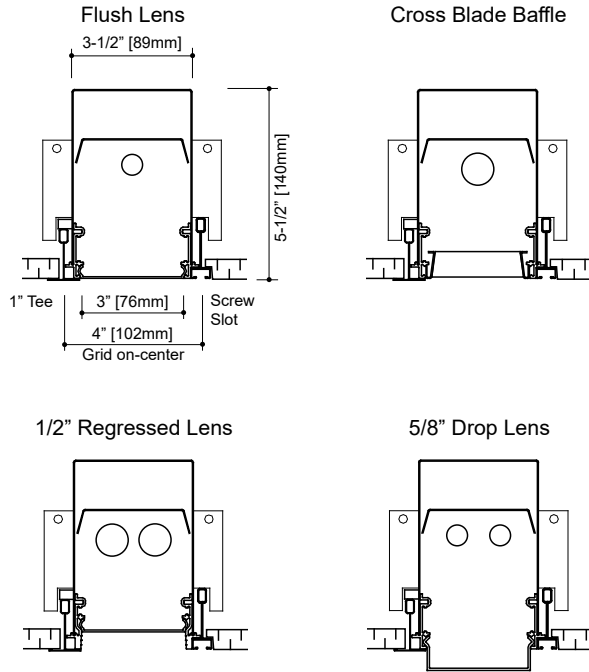
Reflector / Ballast: Reflector / ballast cover is finished with high reflectance white paint. Standard electronic, Class P, ballast. Universal (UNV) voltage ballast is from 120 - 277V.

Shielding: Extruded frosted acrylic or satin white acrylic snap-in lens with DR or semi-specular cross blade baffle.

Lamping: 1 or 2 lamp cross-section T5, T5HO or T8. Luminaire can be ordered with lamps, consult factory.

Mounting: Grid ceiling types. Non-IC rated. Individual mount or continuous runs. RG4 can be installed in the popular lay-in ceiling systems which have a 4" on-center zone.

Labels: UL / cUL listed, Non-IC rated for Damp location.



Ordering Information

Sample: RG4-2T5-N-277-PSN-1C-SBB-20'-GLR

Series	Lamp	Staggered	Voltage	Ballast	Circuit	Shielding / Position	Length	Options																																																																							
RG4																																																																															
RG4 (Grid - Norm. 4")	1T5 1T5HO 1T8 2T5 2T5HO 2T8	N (Non-staggered)	UNV 120 277 347 ¹	<table border="1"> <tr> <td>T8 Options</td> <td>Ballast Factor</td> </tr> <tr> <td>IS (Standard)</td> <td>N Normal (Standard)</td> </tr> <tr> <td>PS</td> <td>L Low</td> </tr> <tr> <td>HEIS</td> <td>H High</td> </tr> <tr> <td>HEPS</td> <td></td> </tr> <tr> <td>T5 / T5HO</td> <td>Ballast Factor</td> </tr> <tr> <td>PS (Standard)</td> <td>N Normal</td> </tr> <tr> <td>HEPS¹</td> <td></td> </tr> <tr> <td colspan="2">All Lamp Dimming Options</td> </tr> <tr> <td colspan="2">DIM¹ Dimming</td> </tr> <tr> <td colspan="2">SD¹ Step Dimming</td> </tr> <tr> <td colspan="2">IS=Instant Start</td> </tr> <tr> <td colspan="2">PS=Program Start</td> </tr> <tr> <td colspan="2">HEIS=High Efficiency Instant Start</td> </tr> <tr> <td colspan="2">HEPS=High Efficiency Program Start</td> </tr> </table>	T8 Options	Ballast Factor	IS (Standard)	N Normal (Standard)	PS	L Low	HEIS	H High	HEPS		T5 / T5HO	Ballast Factor	PS (Standard)	N Normal	HEPS ¹		All Lamp Dimming Options		DIM ¹ Dimming		SD ¹ Step Dimming		IS=Instant Start		PS=Program Start		HEIS=High Efficiency Instant Start		HEPS=High Efficiency Program Start		<table border="1"> <tr> <td>1C</td> <td>Single Circuit</td> <td rowspan="2">FR (Frosted)</td> <td rowspan="2">B (Baffle Flush)</td> <td>2'</td> <td rowspan="2">GLR Fusing</td> </tr> <tr> <td>2C²</td> <td>Dual Circuit</td> <td>3'</td> </tr> <tr> <td>1E</td> <td>Single Circuit w/ EM Circuit</td> <td rowspan="2">ST (Satin white)</td> <td rowspan="2">F (Flush Lens)</td> <td>4'</td> <td rowspan="2">FLEX 6" of Flex</td> </tr> <tr> <td>2E²</td> <td>Dual Circuit w/ EM Circuit</td> <td>5'</td> </tr> <tr> <td rowspan="2">1B³</td> <td rowspan="2">Single Circuit w/ Battery Pack</td> <td rowspan="2">SB (Semi-spec Blade)</td> <td rowspan="2">R (Regressed Lens)</td> <td>6'</td> <td rowspan="2">OS Occupancy Sensor at end of run / unit</td> </tr> <tr> <td>7'</td> </tr> <tr> <td rowspan="2">2B^{2,3}</td> <td rowspan="2">Dual Circuit w/ Battery Pack</td> <td rowspan="2"></td> <td rowspan="2">D (Opaque Ends Drop Lens)</td> <td>8'</td> <td rowspan="2">DS⁴ Daylight Sensor at end of run / unit</td> </tr> <tr> <td></td> </tr> <tr> <td colspan="4"></td> <td>Continuous Runs</td> <td></td> </tr> <tr> <td colspan="4"></td> <td>L (Luminous Ends Drop Lens)</td> <td>XX¹ Specify run length in 1' increment for non-staggered</td> </tr> </table>	1C	Single Circuit	FR (Frosted)	B (Baffle Flush)	2'	GLR Fusing	2C ²	Dual Circuit	3'	1E	Single Circuit w/ EM Circuit	ST (Satin white)	F (Flush Lens)	4'	FLEX 6" of Flex	2E ²	Dual Circuit w/ EM Circuit	5'	1B ³	Single Circuit w/ Battery Pack	SB (Semi-spec Blade)	R (Regressed Lens)	6'	OS Occupancy Sensor at end of run / unit	7'	2B ^{2,3}	Dual Circuit w/ Battery Pack		D (Opaque Ends Drop Lens)	8'	DS ⁴ Daylight Sensor at end of run / unit						Continuous Runs						L (Luminous Ends Drop Lens)	XX ¹ Specify run length in 1' increment for non-staggered
T8 Options	Ballast Factor																																																																														
IS (Standard)	N Normal (Standard)																																																																														
PS	L Low																																																																														
HEIS	H High																																																																														
HEPS																																																																															
T5 / T5HO	Ballast Factor																																																																														
PS (Standard)	N Normal																																																																														
HEPS ¹																																																																															
All Lamp Dimming Options																																																																															
DIM ¹ Dimming																																																																															
SD ¹ Step Dimming																																																																															
IS=Instant Start																																																																															
PS=Program Start																																																																															
HEIS=High Efficiency Instant Start																																																																															
HEPS=High Efficiency Program Start																																																																															
1C	Single Circuit	FR (Frosted)	B (Baffle Flush)	2'	GLR Fusing																																																																										
2C ²	Dual Circuit			3'																																																																											
1E	Single Circuit w/ EM Circuit	ST (Satin white)	F (Flush Lens)	4'	FLEX 6" of Flex																																																																										
2E ²	Dual Circuit w/ EM Circuit			5'																																																																											
1B ³	Single Circuit w/ Battery Pack	SB (Semi-spec Blade)	R (Regressed Lens)	6'	OS Occupancy Sensor at end of run / unit																																																																										
				7'																																																																											
2B ^{2,3}	Dual Circuit w/ Battery Pack		D (Opaque Ends Drop Lens)	8'	DS ⁴ Daylight Sensor at end of run / unit																																																																										
				Continuous Runs																																																																											
				L (Luminous Ends Drop Lens)	XX ¹ Specify run length in 1' increment for non-staggered																																																																										

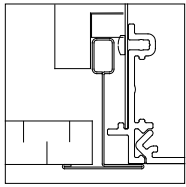
Notes:

1. Consult factory.
2. Not available in all options, consult factory.
3. Specific voltage must be ordered for this option.
4. Not available with luminous end drop lens.

Specifications and dimensions are subject to change without notification. Specification sheets on our website supersede all other versions. 2017 Rev. D1 Nulite reserves the right to bulk package any order.

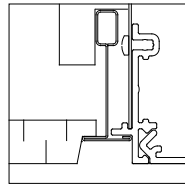
Ceiling Grid Details

1" Grid Detail

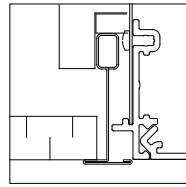


Standard Tile

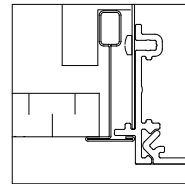
9/16" Grid Detail



Tegular Tile

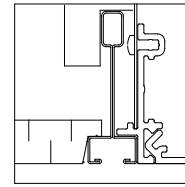


Standard Tile - 1-1/2" "T" height & supported by grid hook extension



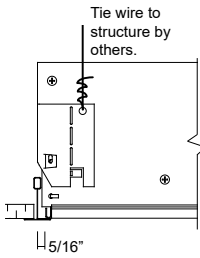
Standard Tile - Drop-down Luminaire

Screw Slot Detail

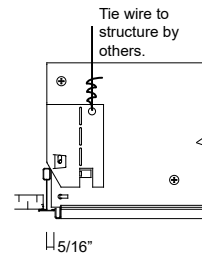
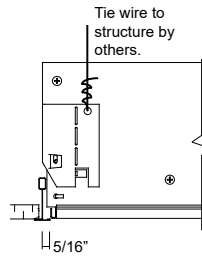
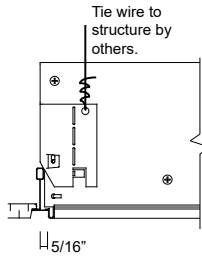


Tegular Tile

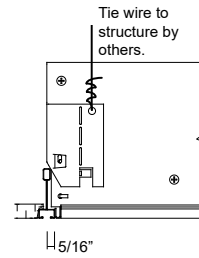
1" End Detail



9/16" End Details



Screw Slot End Detail



Shielding Options



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%)

Regressed Lens - "R"



1/2" Regressed Lens

Drop Lens - "L"



1/2" Drop Lens with Luminous Acrylic Ends

Drop Lens - "D"



1/2" Drop Lens with Opaque White Metal Ends

Semi-Specular Baffle



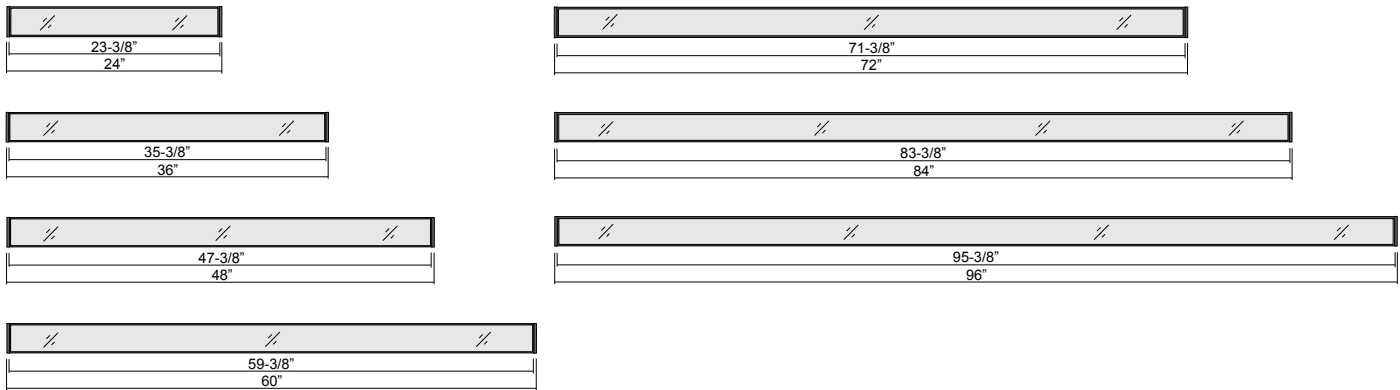
Sensor Options



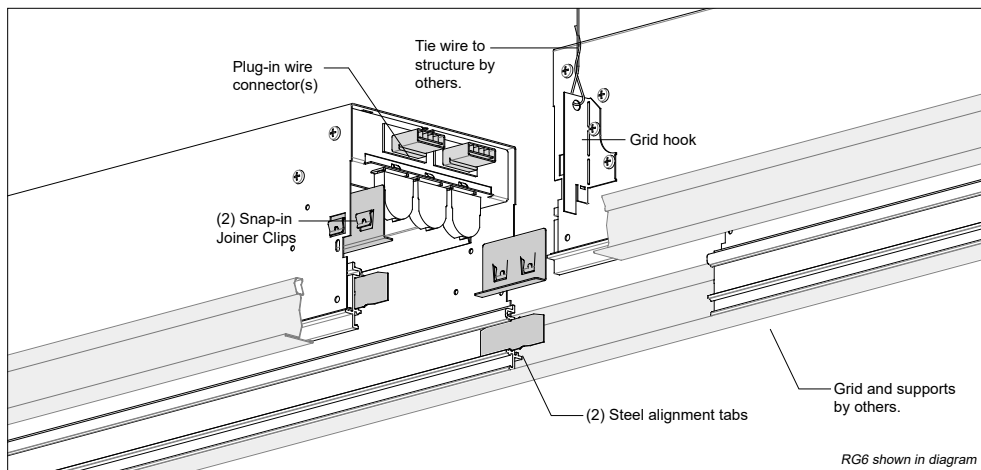
Occupancy or Daylight Sensor in a nominal 3" long insert plate. Lamps extend under the sensor plate and are removable without removing the sensor.

Specifications and dimensions are subject to change without notification.

Individual Lengths



Continuous Row Joiner Detail



Continuous Non-Staggered Run Lengths

Non-Staggered Run Length (A = Stand Alone Housing, S = Starter Housing, M = Mid Housing, E = End Housing)

	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	
24A	1																																							
36A		1																																						
48A			1																																					
60A				1																																				
72A					1																																			
84A						1																																		
96A							1																																	
72S								1	1							1	1							1	1						1	1								
96S										1	1	1	1	1	1			1	1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1	1	
96M																1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
36E								1		1						1	1							1	1					1		1								
48E									1		1						1	1							1	1					1		1							
60E												1							1								1									1				
72E													1							1									1								1			
84E														1							1									1							1			
96E															1									1							1							1		

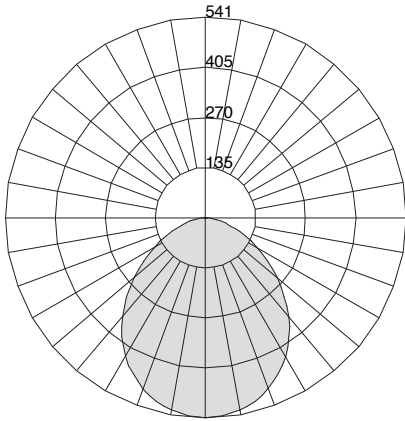
Shaded columns require all 4' lamps.

Specifications and dimensions are subject to change without notification.

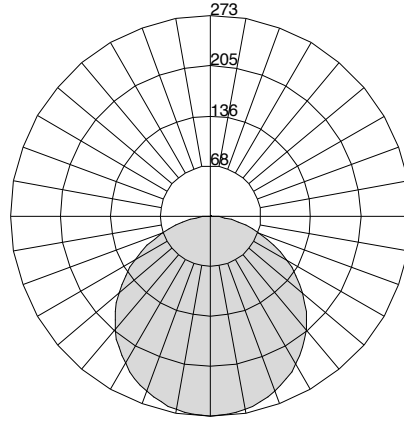
2017 Rev. D1

Photometric Curves

Cat. # RG4-1T8-N-...-FRF-...-4'
 Frosted Flush Lens
 Initial lamp lumens - 2800



Cat. # RG4-1T8-N-...-STF-...-4'
 Satin White Flush Lens
 Initial lamp lumens - 2800



Specifications and dimensions are subject to change without notification.