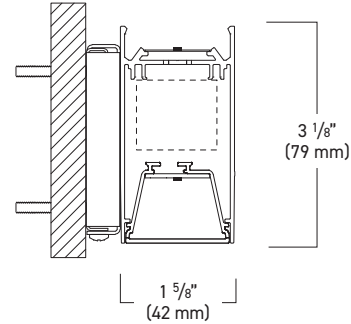
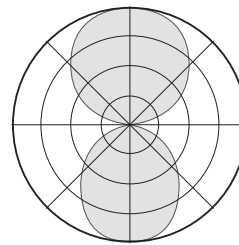


REGOLO 1 RW13 Bi-Direct

Wall / Flush Lens
Integral Driver



RP13-B (Flush Frosted Lens)
45% Downlight / 55% Uplight



Light Output and Energy Consumption*

Light Level	lm/ft	Watts/ft	Efficacy
03	594.0	5.1	116.0
05	1153.3	9.4	122.0
08	1664.8	14.0	119.0

Lumen output may vary. 3500K / 80 CRI used for above results.

- Micro-scale functional wall mounted luminaire that provides unlimited lighting possibilities for creative design.
- Precision cut extruded aluminum housing. Housing standard finish is electrostatically applied textured white powder coat paint. Optional silver, black, or custom color paint finishes.
- Long-life distributed LED array in a variety of lumen output packages. LED color is available in 3000K, 3500K or 4000K with a CRI of 80 or 90. Custom outputs are available. Module is replaceable. L90>100,000 hours. Tunable white utilizes 50% 2700K and 50% 6500K diodes with a CRI of 90.
- Innovative high reflective acrylic lens system reduces internal components and utilizes a metal core PCBA that easily snaps into place. Removable for maintenance. Optimizes thermal management.

ORDERING INFORMATION

SAMPLE NUMBER: RW13-B-FF-05L35-1C-U-D-W-4

RW13-B	FF					
SERIES	DIRECT SHIELDING ¹	INDIRECT SHIELDING ¹	LUMEN PACKAGE DOWN ²	LUMEN PACKAGE UP ²	CRI/ CCT	CIRCUIT ⁵
RW13-B - Regolo 1.5" wide, 3" tall Bi-direct integral wall mount	FF - Flush Frosted FRL - Frosted Dropped Lens (Luminous Ends)	O - Open DG - Dust Guard ASYM - Asymmetric Optic	03 - 250 lm/ft 05 - 500 lm/ft 08 - 750 lm/ft XX ³	03 - 250 lm/ft 05 - 500 lm/ft 08 - 750 lm/ft 10 - 1000 lm/ft 13 - 1250 lm/ft XX ³	L30 - 80 CRI, 3000K L35 - 80 CRI, 3500K L40 - 80 CRI, 4000K H30 - 90 CRI, 3000K H35 - 90 CRI, 3500K H40 - 90 CRI, 4000K TW ⁶ - Dynamic white tuning from 2700k to 6500K	1C - Single Circuit 1E - Single Circuit with EM Circuit 1B10 - Single Circuit with 10W Battery Pack (CEC Compliant) 1B15 - Single Circuit with 15W Battery Pack (CEC Compliant) 2C - Dual Circuit 2E - Dual Circuit with EM Circuit 2B10 - Single Circuit with 10W Battery Pack (CEC Compliant) 2B15 - Single Circuit with 15W Battery Pack (CEC Compliant)

- Notes:**
- Consult factory for additional options
 - Nominal output for 3500K, 80 CRI. For lengths < 72" with battery, lumen package down and lumen package up are required to be the same
 - Consult factory for custom lumen package
 - Tunable white requires TWV 0-10V or TWD DALI eldoLed DUALdrive driver
 - In order to have a battery circuit or to be a 2-circuit, the luminaire is required to be > 4". A luminaire with a 2-circuit and battery is required to be > 6". Consult factory for additional options
 - Consult factory for specifications and custom dimming options. See page 2 for additional information.
 - Specify run length in 6" increments
 - Specify 1 - 120 volt or 2 - 277 volt

VOLTAGE	DRIVER ⁸		LUMINAIRE FINISH	LENGTH	OPTIONS ¹
U - Universal 1 - 120 Volt 2 - 277 Volt	Dimming 0-10v D - Dim to 1% (Standard) D0 - Dim to 1%, fade to off D02 - EldoLed Solodrive, dims to 0% Tunable White TWV - 0-10V, dims to 0% TWD - DALI EldoLed Dualdrive, dims to 0%	DALI Dimming ELE - EldoLed Ecodrive, dims to 1% ELS - EldoLed Solodrive, dims to 0% Lutron Dimming L11 - Lutron HiLume™ Premier, dims to 0.1% L12 - Lutron HiLume™ 2-Wire 120V Forward Phase, dims to 1% L15 - Lutron HiLume™ H-Series, dims to 1% L16 - Lutron HiLume™ 5-Series, dims to 5%	W - White (Standard) S - Silver B - Black CC ¹ - Custom Color	2 - 2 ft 3 - 3 ft 4 - 4 ft 5 - 5 ft 6 - 6 ft 7 - 7 ft 8 - 8 ft XX ⁷ - x ft	N - Nightlight DS - Daylight sensor OS - Occupancy sensor GTD ⁸ - Generator transfer device ETS ⁹ - Electronic transfer switch GLR - Fusing

PHOTOMETRICS

RW13 FLUSH LENS

BI-DIRECT DISTRIBUTION

Cat# RW13-B-FF-05L35-1C-U-D-W-4

ITL Test #: ITL91205

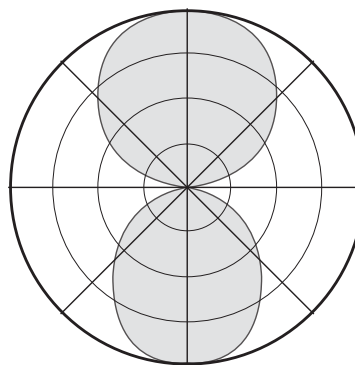
Total Delivered Lumens: 4613

Input Watts: 37.7

Efficacy: 122 lm/W

45% Downlight

55% Uplight



Luminance Data (CD/SQ.M)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15178	14509	13748
55	13724	13049	12299
65	12112	11552	10891
75	9806	9640	9390
85	5429	7156	7897

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30	646	14
0-40	1024	22
0-60	1702	37
0-90	2083	45
90-120	488	11
90-130	925	20
90-150	1847	40
90-180	2530	55
0-180	4613	100

LIGHTING CONTROL

Nulite provides flexibility in meeting the needs of each project by easily integrating with several manufacturers for lighting control options.

0-10V: A non-directional dimming system. The control system tells the LED driver what to do and it adjusts according to the voltage on the control circuit.

DALI: Digital Addressable Lighting Interface is a simple two-wire control connection that goes to each fixture to form the control network. It allows LED drivers to be controlled independently from lighting control circuits.

TUNABLE WHITE: Aims to create lighting environments that are optimal for visual, mental, and biological health by being able to tune the color temperature of a light source. Utilizes a number of controllable channels to adjust the color temperature of the luminaire's white light output with precise varying of color temperature from a warm tone to a cool tone.

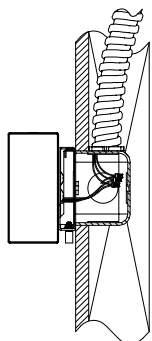
Solution	Manufacturer	Prefix	Series	Dim Level	Quantity of Wires	Dim to Dark (Smooth)	Fade to Off
Dimming 0-10V							
D	Variable			1%	2		
D0	Variable			0%	2		X
D02	eldoLed		SOLOdrive	0%	2	X	
DALI Dimming							
ELE	eldoLed		ECOdrive	1%	2	X	
ELS	eldoLed		SOLOdrive	0%	2	X	
Tunable White							
TWV - 0-10V	Variable			0%	2	X	
TWD - DALI	eldoLed		DUALdrive	0%	2	X	
Lutron Dimming							
L11*	Lutron	PEQ	Hi-Lume Premier	0.1%	2	X	
L12	Lutron	LTEA	Hi-lume™ 2-Wire 120V forward phase	1%	No Control Wires - Uses Hot		
L15	Lutron	LDE1	Hi-lume™ - H Series	1%	2	X	
L16	Lutron	LDE5	5-Series	5%	2		

*Maximum lumen package is 03

WALL MOUNT INSTALLATION DETAILS

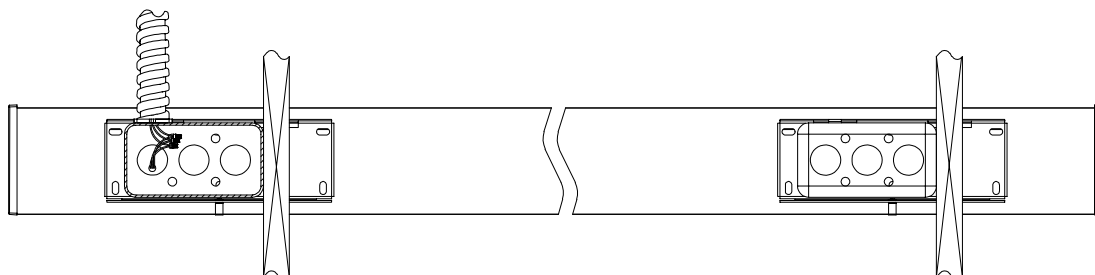
WALL

Power Feed

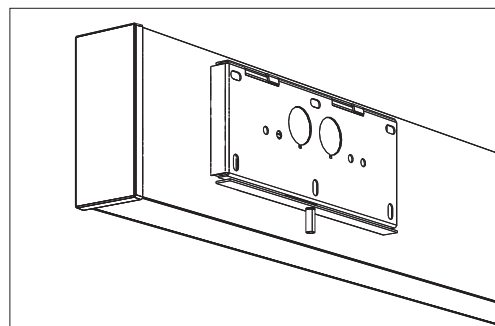


Side View

Non-Power Feed



Rear View Along Length



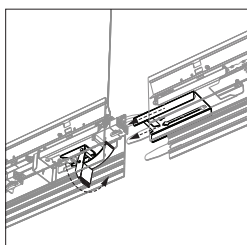
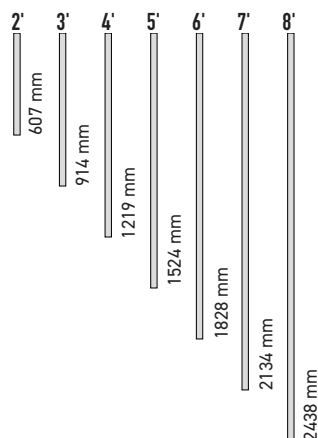
STANDARD LENGTHS

ORDERING EXAMPLE FOR STANDARD LENGTH

RW14-D-FF-05L35-1C-U-D-W-4

Lines

For linear individuals and continuous linear runs, specify run lengths to the nearest 6" for standard configurations. Nulite can achieve lengths to the nearest 1/8" if necessary, custom drawings and lead times may apply.



Tool less continuous joining

PRODUCT DETAILS

LIGHT SOURCE LED custom linear array is mounted with quick-connect wiring to facilitate service. A wide array of lumen packages are available. All luminaire configurations tested in accordance with IESNA LM-79. Diodes tested in accordance with IESNA LM-80.

DRIVER Standard constant current integral electronic driver with 0-10V dimming input standard; dimming range from 100% down to 1%. Dims to 0%, DALI, and Tunable white available. Universal (U), 120 volt (1), and 277 volt (2).

OPTIONAL TUNABLE WHITE Aims to create lighting environments that are optimal for visual, mental, and biological health by being able to tune the color temperature of a light source. Utilizes a number of controllable channels to adjust the color temperature of the luminaire's white light output with precise varying of color temperatures from a warm tone to a cool tone.

OPTIONAL DALI Digital Addressable Lighting Interface is a simple two-wire control connection that goes to each fixture to form the control network. DALI enables dimmable transformers, relay modules, emergency fittings, and controllers from different manufacturers to be mixed and matched into a single control system, allowing LED drivers to be controlled independently from lighting control circuits.

OPTIONAL BATTERY AND EMERGENCY OPTIONS Recyclable Ni-Cad battery pack, battery run time is 90 minutes. Recharge time of 24 hours. 6W or 10W battery packs are available. Total output is determined by exact efficacy of specific configuration multiplied by battery wattage (i.e. RW13-B-FF-05L35-1C-U-D-W-4 with a 10W battery pack is a 1220 battery lumen output). Battery option not available in less than 4' lengths. Entire direct fixture housing is on battery for lengths up to 5'. 4' of direct fixture is on battery for 6' - 8' housing lengths. For bi-direct fixtures less than 72", the battery will be split equal power for the direct and indirect portions. For bi-direct fixtures 72" and longer, the full power of the battery will power 4' of the direct portion. Emergency or night light circuit available.

SECURE TOOL-FREE JOINING DESIGN A dynamic mechanism that ensures stable positioning, no light leak, and speeds up installation in continuous rows. Constructed with spring steel over center draw latch, 22 gauge thick.

MOUNTING Luminaire hangs 1/2" off the wall via mounting brackets fastened directly to the wall. Mount is hidden by luminaire. Wall mount cover for use with a standard electrical junction box – individual mount or continuous run. Refer to installation instructions for appropriate mounting detail.

WARRANTY 5-year limited warranty on LED and driver from date of shipment. Refer to the full warranty details on www.nulite-lighting.com.

LUMINAIRE LENGTH Any length, 2-foot minimum, in increments down to 6". 8-foot maximum section length. 50-foot maximum continuous run length per circuit.

WEIGHT ~1.5 lbs/ft.

APPROVALS ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2, indoor dry/damp locations.

INDEPENDENT TESTING

IESNA LM79 - Testing method for the Electrical and Photometric Measurements of Solid State Lighting on the complete system, such as luminous flux, electrical power, luminous intensity distribution, and various properties of chromaticity.

IESNA LM80 - Testing method for measuring lumen maintenance of LED light sources, applies to the LED package, array or module alone, not the complete system.