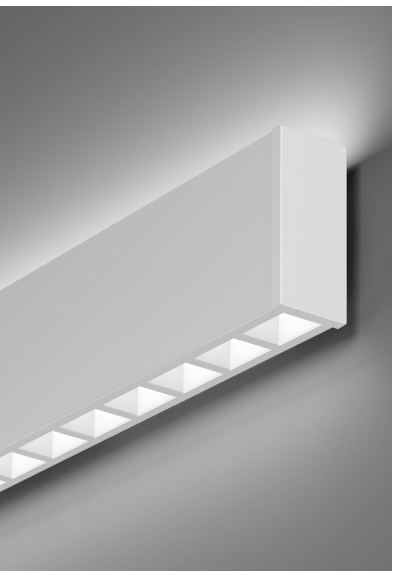
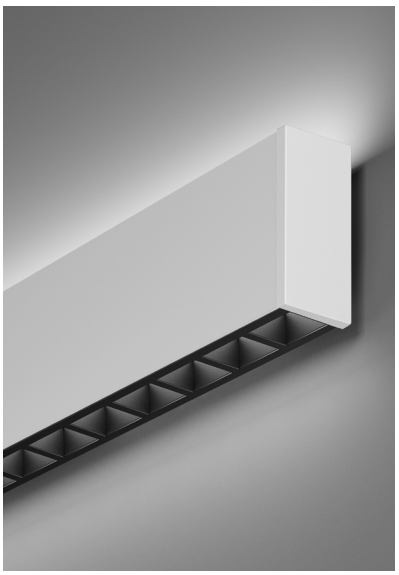
NULITE

DATE: PROJECT:

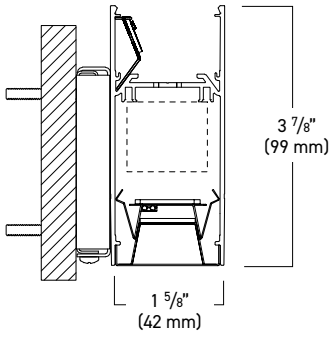
CATALOG #: TYPE: QTY:





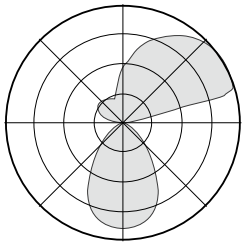
REGOLO 1
RW14
Bi-Direct

Wall / Baffle
Integral Driver



- 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. Indirect asymmetric optic. Module is replaceable. L90≥100,000 hours.
- Baffle provides additional shielding to reduce glare. Constructed with precision cut die-form sheet aluminum housing. The formed blades consist of 5/8" deep blades with 1" of spacing. Housing standard finish is electrostatically applied textured powder coat. Available in white or black.

RW14-BW (Baffle White)
41% Downlight / 59% Uplight



Light Output and Energy Consumption*

Light Level	lm/ft	Watts/ft	Efficacy
03	448.8	5.1	88
05	871.3	9.4	92
08	1254.8	14.0	89

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

ORDERING INFORMATION

SAMPLE NUMBER: RW14-B-BW-05L35-1C-U-D-W-4

RW14-B	—	—	—	—	—	—
SERIES	DIRECT SHIELDING[1]	INDIRECT SHIELDING[1]	LUMEN PACKAGE DOWN[2]	LUMEN PACKAGE UP[2]	CRI/ CCT	CIRCUIT[4]
RW14-B - Regolo 1.5" wide, 4" tall bi-direct integral wall mount	**BB**- Baffle Black **BW**- Baffle White	**DG** - Optional dust guard	**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 **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	**1C** - Single Circuit **1E** - Single Circuit with EM Circuit **1B6** - Single Circuit with 6W Battery Pack **1B10** - Single Circuit with 10W Battery Pack **2C** - Dual Circuit **2E** - Dual Circuit with EM Circuit **2B6** - Dual Circuit with 6W Battery Pack **2B10** - Dual Circuit with 10W Battery Pack

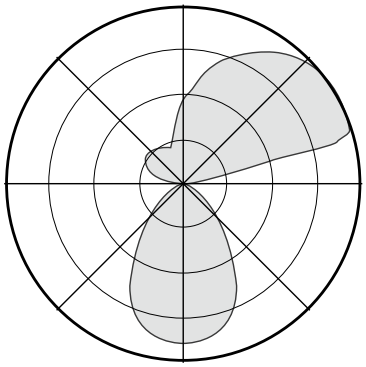
Notes:
1. Consult factory for additional options
2. Nominal lumen output for 3500K, 80 CRI. For lengths < 72" with battery, lumen package down and lumen package up are required to be the same.
3. Consult factory for custom lumen package
4. In order to have a battery circuit or to be a 2-circuit, the luminaire is required to be ≥ 4'. A luminaire with a 2-circuit and battery is required to be ≥ 6'. Consult factory for additional options.
5. Consult factory for specifications and custom dimming options. See page 2 for manufacturer information.
6. Specify run length in 2' increments
7. Specify 1 - 120 volt or 2 - 277 volt

—	—	—	—	—
VOLTAGE	DRIVER[5]		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%	**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 **4** - 4 ft **6** - 6 ft **8** - 8 ft **XX**[6] - x ft	**N** - Nightlight **DS** - Daylight sensor **OS** - Occupancy sensor **GTD**[7] - Generator transfer device **ETS**[7] - Electronic transfer switch **GLR** - Fusing

PHOTOMETRICS

RW14 WHITE BAFFLE
BI-DIRECT DISTRIBUTION

Cat# RW14-BW-05L35-1C-U-D-W-4
ITL Test #: ITL91205
Total Delivered Lumens: 3485
Input Watts: 37.7
Efficacy: 92 lm/W
41% Downlight
59% Uplight



Luminance Data (CD/SQ.M)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11771	9338	6844
55	8812	5850	5287
65	4122	4275	4173
75	3241	3241	3241
85	2221	2221	2221

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30	587	17
0-40	896	26
0-60	1293	37
0-80	1418	41
0-90	1429	41
90-120	753	22
90-130	1125	32
90-150	1714	49
90-180	2057	59
0-180	3485	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.

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	
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		

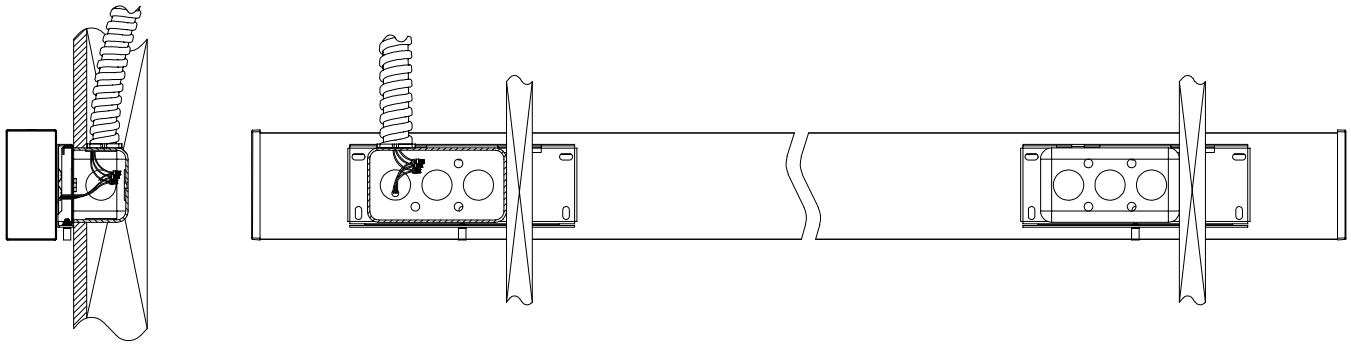
*Maximum lumen package is 03

WALL MOUNT INSTALLATION DETAILS

WALL

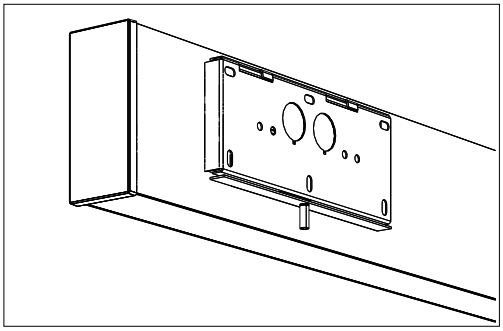
Power Feed

Non-Power Feed



Side View

Rear View Along Length



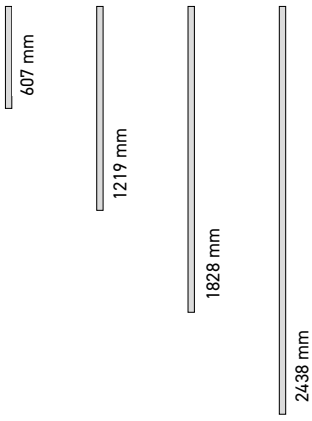
STANDARD LENGTHS

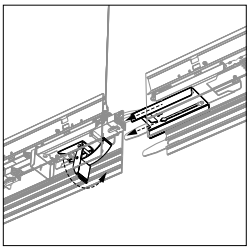
ORDERING EXAMPLE FOR STANDARD LENGTH

RW14-B-BW-05L35-1C-U-D-W-4

Lines

For linear individuals and continuous linear runs, specify run lengths in 2' increments.





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% and DALI are available. Universal (U), 120 volt (1), and 277 volt (2).

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. RW14-B-BW-05L35-1C-U-D-W-4 with a 10W battery pack is a 920 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 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 in increments of 2-feet. Minimum 2-foot length. Maximum 8-foot 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.