



ROUND LIGHTPLANE 2

RLP2 | WALL MOUNT

STANDARD SIZES

2" Diameter Wall-Mounted Luminaires
Configurable in individual sections from 1ft. - 8ft.

LAMPING

LED - Direct or Indirect - 80/90 CRI - 3000K/3500K/4000K
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W
Dimming down to 0%

FINISH

Aluminum, White, Black, Silver, Brass, RAL Classic Colors

CONSTRUCTION

Industrial Strength Extruded 6061 Aluminum





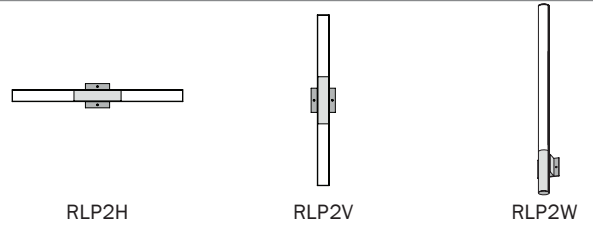
PRODUCT SUBMITTAL WORKSHEET

SAMPLE PRODUCT CODE

RLP1SM.11 – S5 – MED/90/3500 – 0/10V/0% – EXT – AL – UNV – EMB/1 – OS/1
1 2 3 4 5 6 7 8A 8B

1. BASE MODEL (CHOOSE ONE)

- RLP2H** 2" Horizontal wall mount, central canopy
- RLP2V** 2" Vertical wall mount, central canopy
- RLP2W** 2" Vertical wall mount, bottom canopy



2. LENGTH (ENTER LENGTH IN FEET)

S__ Individual Section (choose from 1', 2', 3', 4', 5', 6', 7', or 8' – limited to max. 6' for RLP2W)

*Lengths are nominal and may vary based on lamping and other specification selections. Consult ALW when exact lengths are required.

3. LED LAMPING (CHOOSE ONE UNDER A, B, & C)

- | | | |
|---|---|--|
| A. OUTPUT
<input type="checkbox"/> LOW
<input type="checkbox"/> MED
<input type="checkbox"/> HI
<input type="checkbox"/> DECOR
<input type="checkbox"/> TUNE
<input type="checkbox"/> RGB
<input type="checkbox"/> RGBW (80CRI, 4000K White) | B. CRI¹
<input type="checkbox"/> 80
<input type="checkbox"/> 90 | C. CCT²
<input type="checkbox"/> 3000K
<input type="checkbox"/> 3500K
<input type="checkbox"/> 4000K |
|---|---|--|

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 5 for complete details.		Up to 76 lm/W

¹CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping

²CCT not applicable for TUNE, RGB, or RGBW lamping

4. REMOTE DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 5% (Standard Dimming – Down to 10% for DECOR and TUNE lamping)
- 0/10V/1%** 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DALI** DALI flicker-free dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Recommended for RGB or RGBW lamping)
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Not available with DECOR or TUNE lamping)


*Driver specifications provided upon request to assist with control system integration.

5. LENS

LENS Extra diffuse, flush



6. FINISH (CHOOSE ONE)

- AL** Natural Anodized Aluminum (Standard Finish)
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL_____** Specify RAL Classic Color code (ex: RAL3003) ralcolorchart.com/ral-classic

7. VOLTAGE (CHOOSE ONE)

- UNV** Universal Voltage (120VAC-277VAC)
- 347** 347 Volt (*Driver options may be limited*)

8. ADDITIONAL OPTIONS (OPTIONAL — CHOOSE ONE UNDER A & B, IF DESIRED)

A. EMERGENCY OPTIONS

- EMB/___³** Emergency Battery (*indicate quantity — each battery powers 4ft*)
- EMC/___³** Emergency Circuit (*indicate quantity of 4ft sections to be illuminated by emergency circuit*)

³For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for available options.

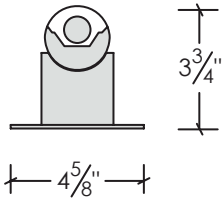
B. SENSOR OPTIONS (COMPATIBLE ONLY WITH 0-10V DRIVERS — INDICATE SPECIFIC QTY IF DESIRED, OTHERWISE QTY WILL BE AUTOMATICALLY CALCULATED)

- ENLGHT/___⁴** Enlighted® remote smart sensor (*occupancy, daylight, networking, and more*)
- OS/___** 0-10V remote occupancy sensor
- PH/___** 0-10V remote photocell/daylight sensor

⁴Enlighted® Gateway *and* Energy Manager (by others) plus programming required. Learn more at enlightedinc.com.



MECHANICAL DIAGRAMS – MOUNTING & DIMENSIONS

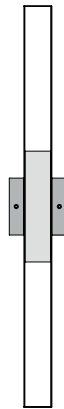


WALL MOUNT



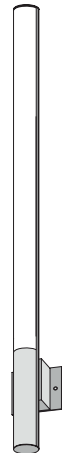
RLP2H

HORIZONTAL WALL, CENTRAL CANOPY



RLP2V

VERTICAL WALL, CENTRAL CANOPY



RLP2W

VERTICAL WALL, BOTTOM CANOPY



PERFORMANCE DETAILS – LED LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
LOW ⁵	551	7.2	76	80 90	3000K 3500K 4000K
MED	735	9.6	76		
HI ⁵	919	12	76		
DECOR ⁵	267	5.9	45	N/A	2700K-5700K
TUNE ^{6,7}	613	8	76		
RGB ⁷	Color-Changing RGB	5	N/A		80
RGBW ⁷	Color-Changing RGB + 4000K White	5		4000K	

⁵Performance calculations are extrapolated estimates based on actual performance data of MED output at 80 CRI and 3500K.

⁶Performance calculations are extrapolated maximum estimates for mid-range CCTs. Cooler and warmer CCTs will provide lower delivered lumens (i.e. lower lm/W, higher W/lf).

⁷DMX driver recommended; controller not included.

ROUND LIGHTPLANE 2 VOLTAGE DROP CHART FOR REMOTE DRIVERS - WHITE LED, 33VDC

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. This chart only applies to RLP2 White LEDs at 33VDC. Do not use this chart to calculate voltage drop for other fixtures.

WIRE GAUGE	20W 0.61A	30W 0.91A	40W 1.21A	50W 1.52A	60W 1.82A	70W 2.12A	80W 2.42A	90W 2.73A	100W 3.03A
18 AWG	119 ft.	77 ft.	55 ft.	43 ft.	34 ft.	28 ft.	23 ft.	20 ft.	17 ft.
16 AWG	195 ft.	127 ft.	93 ft.	73 ft.	59 ft.	50 ft.	42 ft.	37 ft.	32 ft.
14 AWG	315 ft.	207 ft.	153 ft.	121 ft.	99 ft.	84 ft.	72 ft.	63 ft.	56 ft.
12 AWG	506 ft.	334 ft.	249 ft.	197 ft.	163 ft.	138 ft.	120 ft.	106 ft.	94 ft.
10 AWG	809 ft.	537 ft.	400 ft.	319 ft.	264 ft.	225 ft.	196 ft.	173 ft.	155 ft.

ROUND LIGHTPLANE 2 VOLTAGE DROP CHART FOR REMOTE DRIVERS - RGB LED, 24VDC

WIRE GAUGE	10W 0.42A	20W 0.83A	30W 1.25A	40W 1.67A	50W 2.08A	60W 2.50A	70W 2.92A	80W 3.33A	90W 3.75A
18 AWG	127 ft.	59 ft.	37 ft.	25 ft.	19 ft.	14 ft.	11 ft.	8 ft.	7 ft.
16 AWG	207 ft.	99 ft.	63 ft.	45 ft.	35 ft.	27 ft.	22 ft.	18 ft.	15 ft.
14 AWG	334 ft.	163 ft.	106 ft.	77 ft.	60 ft.	49 ft.	40 ft.	34 ft.	30 ft.
12 AWG	536 ft.	264 ft.	173 ft.	128 ft.	100 ft.	82 ft.	69 ft.	60 ft.	52 ft.
10 AWG	856 ft.	424 ft.	280 ft.	208 ft.	164 ft.	136 ft.	115 ft.	100 ft.	88 ft.

SS110618-A.0



ADDITIONAL OPTIONS & SPECIFICATIONS

ELECTRICAL PERFORMANCE

Class 2 LED drivers. $L_{70} > 54,000$ hours.
80+ CRI. Luminous flux +/- 5%.

LENS

Extruded, twin-layered, high-impact acrylic. EXT is white and extra diffuse with minimal- to no-source visibility.



EXT Lens

HOUSING

100% recyclable, extruded architectural grade 6061 aluminum with a 0.08" minimum wall thickness.

SAFETY & REGULATORY

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.
Conforms to UL std. 1598, Luminaires.
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

OPERATING CONDITIONS

Luminaire should be installed and operated ONLY in dry or damp locations where the ambient temperature ranges from -4 °F to 122 °F (-20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

WARRANTY

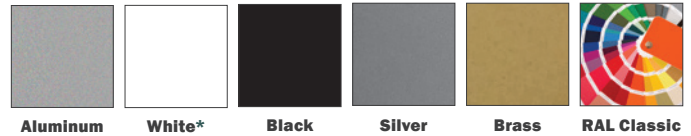
Limited 5-year warranty. Details: alwusa.com/warranty

SENSOR OPTIONS

Optional, occupancy detection (OS) and/or daylight harvesting (PS) sensor available. Or upgrade to an optional Enlighted® Smart Sensor (ENLGHT) for additional capabilities. Contact ALW for details.

FINISH

Standard finish is "Ultimate" aluminum — a smooth, clean, and durable finish achieved from a deep etch and two-step clear anodizing process. Other options are shown below.



*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.