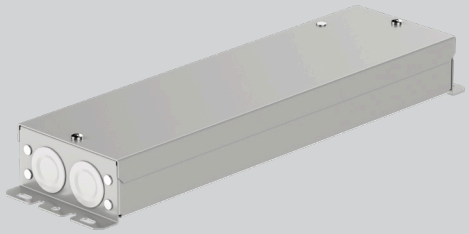
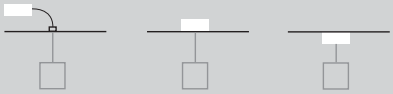
R-LINE®
POWER SUPPLY

5 YEAR limited led warranty



MOUNTING



PERFORMANCE

- Proprietary 48V driver
- 0.1% dimming technology for 0-10 volt dimming based on one circuit
- One circuit/ Two circuit 0-10 v dimming
- Dali dimming
- UL rated enclosure
- Short circuit protection

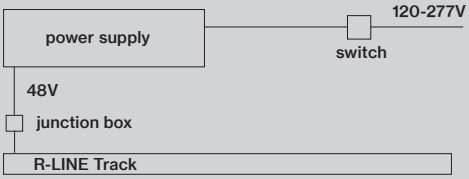
COMPATIBLE CONTROLS & FEATURES

ATHENA WIRELESS NODE by LUTRON · nLIGHT · SENSOR READY · consult factory

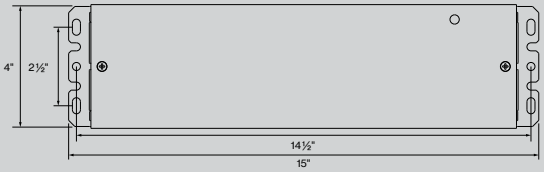
CERTIFICATIONS & COMPLIANCE

cULus · RoHS compliant · TITLE 24 JA8

REMOTE DRIVER



DIMENSIONS



Catalog Number Example

RLPS-REM-TR-TW-UNV-48V-100W-010V

A B D E F G H I

A RANGE

R-LINE	R L P S

B MOUNTING

Remote Box	R E M
Mud-in Box coming soon	R T L
Surface Mtd. Box coming soon	S U R

C HOUSING COLOR

Raw

Black surface mount only	B L
White surface mount only	W H

remote box & mud-in only available in raw

D TYPE

Track	T R
Integrated Uplight (60W or 100W only)	U P

track & uplight cannot be powered combined

E CIRCUIT

1-Circuit	1 C
2-Circuit not available for uplight	2 C
Tunable White	T W

F INPUT VOLTAGE

120 - 277V	U N V

G OUTPUT VOLTAGE

48V low constant voltage	4 8 V

3 pole connection 48V+ / 48V- / PVM

H CAPACITY

60W	0 6 0 W
100W	1 0 0 W
2x60W	1 2 0 W
2x100W	2 0 0 W

I DIMMING

0-10V logarithmic, 1% dimming	0 1 0 V
DALI	D A L I
0-10V logarithmic, dim-to-off - coming soon	D 1 0 V

for 0-10V linear dimming curve contact BASO

J CCEA coming soon

CCEA Rated (Chicago Plenum)	C P

remote box & mud-in only

Track T R

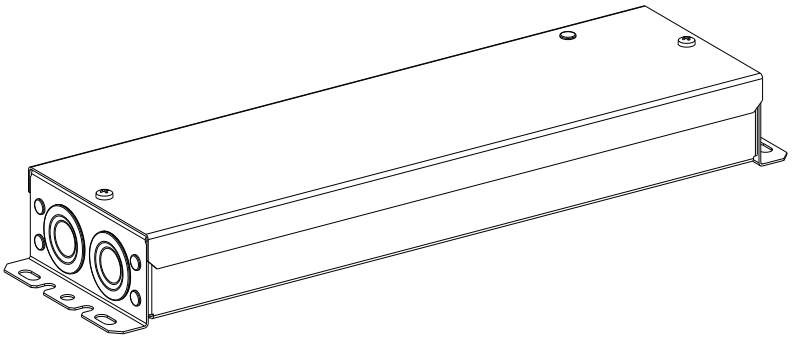
Integrated Uplight (100W) U P

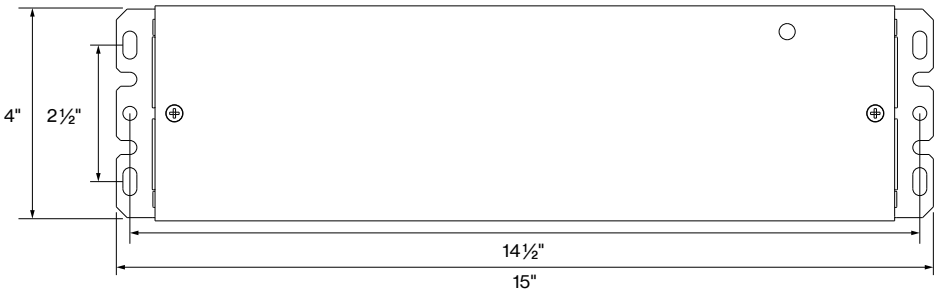
Track & Uplight cannot be powered combined

R3 upper track "TR" Power Supply required

BASO
basolighting.com

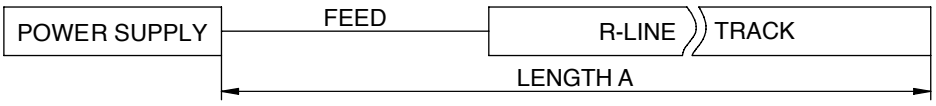
DIMENSIONS





WIRING DIAGRAM

LENGTH A (see diagram below)					
	12 AWG	**14 AWG**	**16 AWG**	**18 AWG**	**20 AWG**
60W	150'	150'	90'	60'	40'
100W	90'	90'	60'	40'	20'



* Due to voltage drop and to fulfill EMC requirements, total fixture power [W] must be between 60% & 95% of the drivers capacity.

Calculations based at max capacity of the driver.

**Please check distance limits (voltage drop table)

- Max possible fixture power < 100W.

R-LINE mounting instructions

Get access to the R-LINE mounting instructions faster by scanning the QR code.

https://www.basolighting.com/resources/mounting-instructions/baso