

Project Name:	Part Number:	Type:
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# RZ

## LOW PROFILE STRIP RETROFIT



407-478-3759  
www.ilp-inc.com

### FEATURES

- Durable steel construction
- Frosted acrylic lens available
- 4ft & 8ft lengths available
- Retrofits existing 4.3" wide strips(std.) - custom widths available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- 3000K, 3500K, 4000K, and 5000K CCT
- 120V-277V Universal Voltage
- 0-10V Dimmable Driver (100% - 10%)
- L90>54,000 hrs
- ETL Listed for Dry and Damp Location
- 5 Year Warranty (std); 10 Year Warranty Optional
- DesignLights Consortium® Qualified Luminaire (check DLC Website for listings)
- Parts Included in this kit: 4ft/8ft
  - LED Channel x 1 / x 1
  - LED Driver Plate x 1 / x 1- x2
  - Self-drilling Screws x 5 / x 5- x 7
  - QDC Driver x 1 / x 1
  - LED Driver x 1 / x 1- x2
  - Fixture ID Label x 1 / x 1
  - Driver Screws x 2 / x 2- x 4
  - QDC Power x 1 / x 1



\*Check QPL for SKUs

### SUITABLE APPLICATIONS

- Education
- Grocery Store
- Warehouse
- Distribution Center
- Manufacturing Plant
- Retail Applications

### ORDERING GUIDE:

SERIES	WATTS	DRIVER	CCT	LENS OPTIONS	WARRANTY
RZ4 Retrofit Strip 4ft	20W	U 120-277V	50	BLANK No Lens	BLANK 5 Year
	32W		40	FRAL Frosted Acrylic Lens	10YR <sup>5</sup> 10 Year
	40W		35		
	55W		30		
RZ8 Retrofit Strip 8ft	40W				
	64W				
	80W				
	110W				

OPTIONS		CONTROLS OPTIONS	
Factory Installed		Basic	
C0xx	Custom Width Option (contact factory)	SR	Sensor Ready Module
RW/3W <sup>2</sup>	3 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture	DR	DALI Ready Module
RW/5W <sup>2</sup>	5 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture	BLD	Bi-Level Dimming Module (2 hot leads)
EM7	7W LED Factory Installed Battery Backup	ESMC <sup>3</sup>	EasySense Sensor
EM10	10W LED Factory Installed Battery Backup	USBD	User Bi-Level Dim Sensor w/ Occ. Sensor
EM12	12W LED Factory Installed Battery Backup	BDxx	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
SD480 <sup>1</sup>	480V Step Down Transformer	BDxxPC	Preset Bi-level Dim Sensor w/ Photocell
SD347 <sup>1</sup>	347V Step Down Transformer	ESMC/WWS/DR	EasySense Dual Rocker Wireless Wall Switch
		VDO <sup>4</sup>	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
		VRF <sup>4</sup>	Lutron Vive DFCSJ-OEM-RF (RF Only)
Ship With Accessories		Advanced	
WC <sup>1</sup>	11 GA Wire Cage	AWNRF	Lutron Athena Wireless Node RF only

<sup>1</sup>Does not qualify for DLC      <sup>3</sup>Easily Controlled via Mobile Phone with Bluetooth App      <sup>5</sup>Contact Factory for more details  
<sup>2</sup>Used only when mounting fixtures in continuous rows      <sup>4</sup>Must be used with SR Sensor Ready Driver

# RZ

## LOW PROFILE STRIP RETROFIT

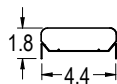
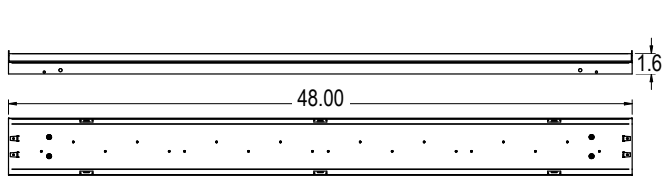
LED SYSTEMS INFO <sup>1</sup>	3000K		3500K		4000K		5000K		Ambient Temp Range	Watts <sup>2</sup>	DLC Listing	Replaces
	Part Numbers	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens				
RZ4-20W-U-XX	3,441 lm	155 lm/w	2,680 lm	147 lm/w	3,635 lm	163 lm/w	3,670 lm	165 lm/w	-4°F - 120°F	22W	Standard	1T8
RZ4-20W-U-XX-FRAL	2,976 lm	134 lm/w	3,801 lm	142 lm/w	3,138 lm	141 lm/w	3,168 lm	142 lm/w	-4°F - 120°F	22W	Standard	2T8
RZ4-32W-U-XX	5,185 lm	160 lm/w	4,293 lm	143 lm/w	5,241 lm	162 lm/w	5,297 lm	163 lm/w	-4°F - 103°F	33W	Standard	1T5HO
RZ4-32W-U-XX-FRAL	4,338 lm	134 lm/w	5,478 lm	136 lm/w	4,386 lm	135 lm/w	4,521 lm	137 lm/w	-40°F - 103°F	33W	Standard	3T8
RZ4-40W-U-XX	6,515 lm	160 lm/w	6,427 lm	131 lm/w	6,819 lm	168 lm/w	6,120 lm	152 lm/w	-40°F - 101°F	41W	Standard	2T5HO
RZ4-40W-U-XX-FRAL	5,643 lm	139 lm/w	5,431 lm	149 lm/w	5,858 lm	146 lm/w	7,124 lm	175 lm/w	-40°F - 101°F	40W	Standard	2T8
RZ4-55W-U-XX	8,255 lm	153 lm/w	7,500 lm	144 lm/w	8,626 lm	159 lm/w	8,708 lm	161 lm/w	-40°F - 100°F	54W	Standard	2T5HO
RZ4-55W-U-XX-FRAL	7,101 lm	131 lm/w	8,699 lm	145 lm/w	7,399 lm	137 lm/w	7,516 lm	152 lm/w	-40°F - 100°F	54W	Standard	4T8
RZ8-40W-U-XX	6,790 lm	155 lm/w	6,923 lm	158 lm/w	7,057 lm	161 lm/w	7,046 lm	161 lm/w	-4°F - 100°F	44W	Standard	4T8
RZ8-40W-U-XX-FRAL	5,970 lm	135 lm/w	6,007 lm	137 lm/w	6,125 lm	140 lm/w	6,113 lm	140 lm/w	-4°F - 100°F	44W	Standard	4T5HO
RZ8-64W-U-XX	10,011 lm	156 lm/w	10,266 lm	160 lm/w	10,521 lm	164 lm/w	10,505 lm	164 lm/w	-4°F - 100°F	64W	Standard	4T5HO
RZ8-64W-U-XX-FRAL	8,423 lm	132 lm/w	8,641 lm	135 lm/w	9,016 lm	138 lm/w	9,004 lm	138 lm/w	-4°F - 100°F	65W	Standard	4T5HO
RZ8-80W-U-XX	13,168 lm	162 lm/w	13,476 lm	165 lm/w	13,783 lm	169 lm/w	14,399 lm	177 lm/w	-4°F - 103°F	82W	Standard	4T5HO
RZ8-80W-U-XX-FRAL	11,410 lm	140 lm/w	11,677 lm	143 lm/w	11,944 lm	147 lm/w	12,477 lm	153 lm/w	-4°F - 103°F	82W	Standard	4T5HO
RZ8-110W-U-XX	16,381 lm	152 lm/w	16,754 lm	155 lm/w	17,128 lm	159 lm/w	17,103 lm	159 lm/w	-4°F - 107°F	108W	Standard	4T5HO
RZ8-110W-U-XX-FRAL	14,220 lm	132 lm/w	14,499 lm	135 lm/w	14,820 lm	138 lm/w	15,070 lm	137 lm/w	-4°F - 107°F	108W	Standard	4T5HO

<sup>1</sup>Values are nominal, see IES file for more detail

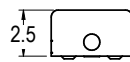
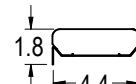
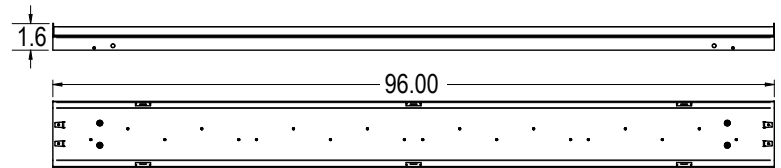
<sup>2</sup>Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

## LINE DRAWING

RZ4:

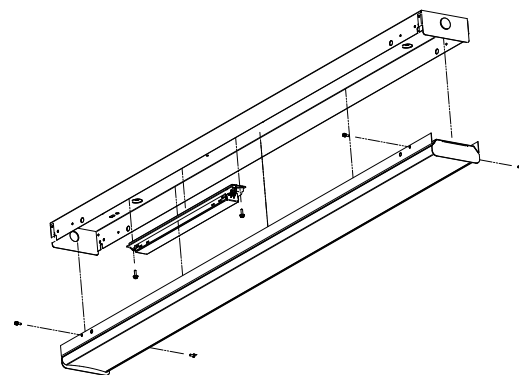


RZ8:



Depth when installed to existing strip fixture

## MOUNTING OPTIONS



Driver Quick Disconnect



End View

## LOW PROFILE STRIP RETROFIT

### ADVANCED CONTROLS OPTIONS

#### EASYSENSE

##### ESMC

EasySense sensor combines occupancy sensing, daylight harvesting and institutional tuning in one compact solution. This is an ideal control for any Commercial application. Each device allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time & occupancy time out/hold time. It can be easily controlled via the Philips MasterConnect Bluetooth App on a mobile phone.



##### ESMC/WWS/DR

Optional Wireless / Batteryless Dual Rocker Wall Switch. Up to 100ft range. Functions include: On/Off, dimming and setting of (2) scences for full room control.

##### Specifications:

- Wireless
- ZigBee®
- Batteryless
- 30-100ft Range
- Dual Rocker

##### Functions:

1. On (Hold to brighten up)
2. Off (Hold to dim down)
3. Scene 1
4. Scene 2



#### LUTRON

##### VDO

Vive DFCSJ-OEM-OCC integral fixture control sensor with daylight & occupancy. Vive provides intuitive programming allowing for maximum flexibility with wireless communication & sensing as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.



##### VRF

Vive DFCSJ-OEM-RF integral fixture control with Radio Frequency (RF) communication. Vive provides intuitive programming allowing for maximum flexibility with wireless communication as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.



##### AWNDR

Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.



### PHOTOMETRIC REPORTS

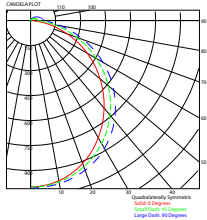
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at [www.ilp-inc.com](http://www.ilp-inc.com)

#### RZ4-20WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 95.4%  
 EFFICIENCY (Uplight): 4.6%  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 3096.3  
 INPUT WATTS: 22.2415

##### PLANE AND CONE DIAGRAM

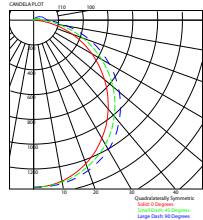


#### RZ4-32WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 95.8%  
 EFFICIENCY (Uplight): 4.2%  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 4268.636  
 INPUT WATTS: 32.4712

##### PLANE AND CONE DIAGRAM

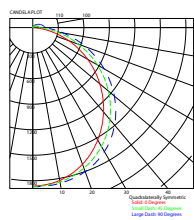


#### RZ4-40WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 95.9 %  
 EFFICIENCY (Uplight): 4.1 %  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 5879.027  
 INPUT WATTS: 40.62

##### PLANE AND CONE DIAGRAM

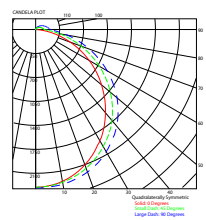


#### RZ4-55WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 94.9 %  
 EFFICIENCY (Uplight): 5.1 %  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 7314.931  
 INPUT WATTS: 53.9995

##### PLANE AND CONE DIAGRAM

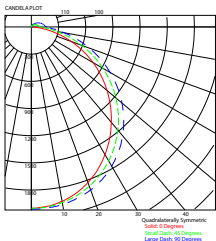


#### RZ8-40WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 95.3%  
 EFFICIENCY (Uplight): 4.7%  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 6215.038  
 INPUT WATTS: 43.7

##### PLANE AND CONE DIAGRAM

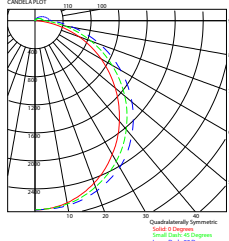


#### RZ8-64WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 95.6%  
 EFFICIENCY (Uplight): 4.4%  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 8583.105  
 INPUT WATTS: 64.03

##### PLANE AND CONE DIAGRAM

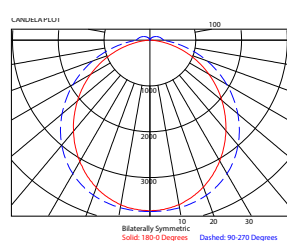


#### RZ8-80WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 95.9 %  
 EFFICIENCY (Uplight): 4.1 %  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 11763.04  
 INPUT WATTS: 81.5

##### PLANE AND CONE DIAGRAM



#### RZ8-110WLED-U-40-FRAL

##### SUMMARY DATA

HEMISPHERES TESTED: BOTH  
 EFFICIENCY (Downlight): 94.7 %  
 EFFICIENCY (Uplight): 5.3 %  
 CIE CLASSIFICATION: DIRECT  
 LUMENS/LAMP: 14694.39  
 INPUT WATTS: 107.8

##### PLANE AND CONE DIAGRAM

