

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® Premium Qualified Luminaire
- 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



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 ⁸ 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
RACEWAY/3WIRE ²	3 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture	DR	DALI Ready Module
RACEWAY/5WIRE ²	5 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture	BLD	Bi-Level Dimming Module (2 hot leads)
FI/ILBCP05	5W LED Factory Installed Battery Backup	ES ³	EasySense Sensor
FI/ILBCP07	7W LED Factory Installed Battery Backup	USBD	User Bi-Level Dim Sensor w/ Occ. Sensor
FI/ILBCP10	10W LED Factory Installed Battery Backup	BDxx	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
FI/ILBCP12	12W LED Factory Installed Battery Backup	BDxxPC	Preset Bi-level Dim Sensor w/ Photocell
SD480 ¹	480V Step Down Transformer	ES/WWS/DR	EasySense Dual Rocker Wireless Wall Switch
SD347 ¹	347V Step Down Transformer	ES/PCD ⁴	Pre-installed app on controlled device for commissioning
		VDO ⁷	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
		VRF ⁷	Lutron Vive DFCSJ-OEM-RF (RF Only)
Ship With Accessories		Advanced	
WC ¹	11 GA Wire Cage		

¹Does not qualify for DLC

²Used only when mounting fixtures in continuous rows

³Must be used with ES/PCD for commissioning

⁴One needed per project

⁷Must be used with SR Sensor Ready Driver

⁸Contact Factory for more details

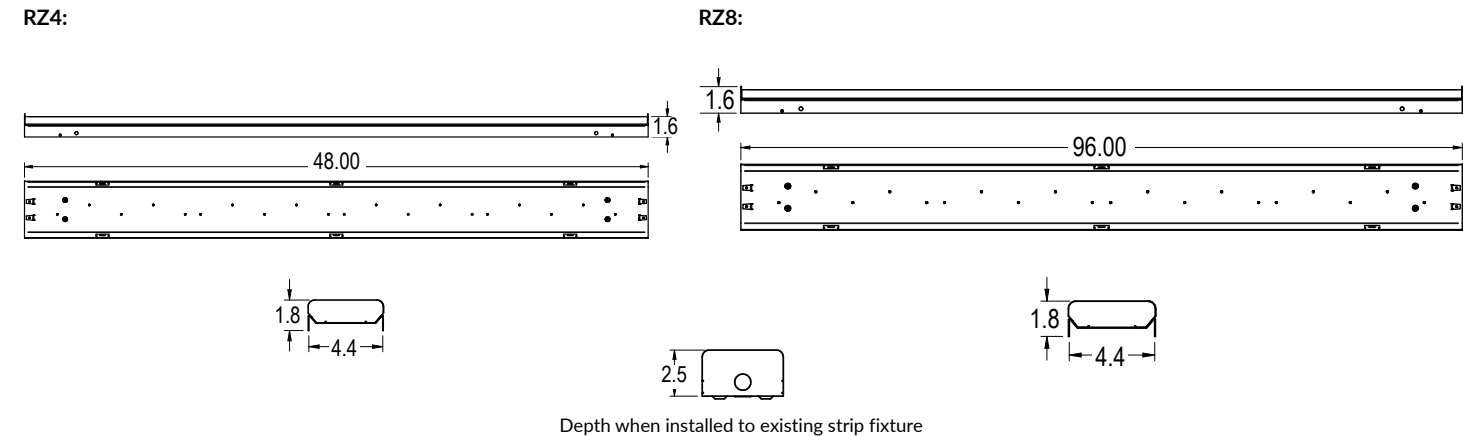
RZ

LOW PROFILE STRIP RETROFIT

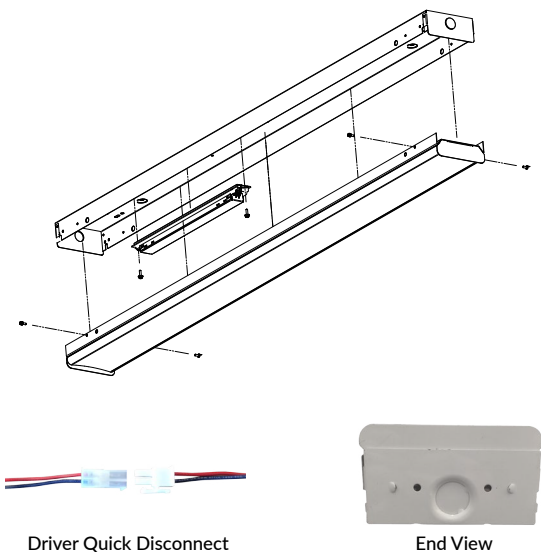
LED SYSTEMS INFO ¹	3000K		3500K		4000K		5000K		Ambient Temp Range	Watts ²	DLC Listing	Replaces
Part Numbers	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy				
RZ4-20W-U-XX	3,441 lm	155 lm/w	2,680 lm	147 lm/w	3,635 lm	163 lm/w	3,670 lm	165 lm/w	-4°F - 120°F	22W	Premium	1T8
RZ4-20W-U-XX-FRAL	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	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	Premium	4T5HO

¹Values are nominal, see IES file for more detail
²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

LINE DRAWING



MOUNTING OPTIONS

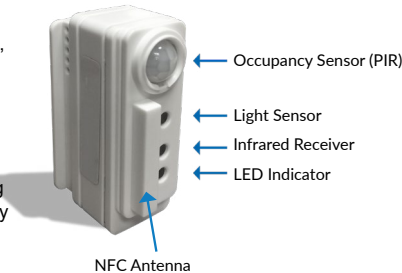


ADVANCED CONTROLS OPTIONS

EASYSense

ES

EasySense sensor combines occupancy sensing, daylight harvesting & institutional tuning in one compact solution. This is an ideal control for any commercial application. Each sensor 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 and occupancy time out/hold time. Requires use of EasySense Pre-Programmed Control Device (ES/PCD), or approved phone from compatibility list; one needed per project.



ES/PCD

Pre-Programmed EasySense Control Device. One needed per project. Sensor can also be programmed with the approved compatible cell phone (listed to the right).

Compatible Cell Phones:

- LG G3
- LG G Vista
- LG G4
- Samsung S5
- Samsung S5 WHT
- Samsung Note 4
- Samsung Note Edge
- Samsung Galaxy S7 Edge
- Samsung Galaxy J3
- Samsung Galaxy J7
- Samsung S8
- Samsung Galaxy S9
- Nexus 5X
- Nexus 6P

ES/WWS/DR

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



Specifications:

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

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 and sensing as desired. Provided factory installed components only. Lutron system provided by others. 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. Providing factory installed components only. Lutron system provided by others. Contact factory for more information.



ENLIGHTED

5E/CU/IL

Bundled System with Enlighted 5E sensor (SU-5E-IL), Control Unit (CU-4E-FM) & Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy & ambient light. Includes ability to group fixtures together & connect to a switch to zone fixtures for group operation. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information.



5E/CU/CL

Bundled System with Enlighted 5E sensor (SU-5E-CL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/CU/IOT

Bundled System with Enlighted 5E sensor (SU-5E-IOT), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/5W/IL

Bundled System with Enlighted 5E sensor (SU-5E-IL) & Cable (CBL-5E-CU4-30N) paired with a driver with auxiliary power and 5 wire connection. Fixtures are controlled based on occupancy and ambient light. Includes ability to group fixtures together and connect to a switch to zone fixtures for group operation. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/5W/CL

Bundled System with Enlighted 5E sensor (SU-5E-CL) & Cable (CBL-5E-CU4-30N) paired with a driver with auxiliary power and 5 wire connection. Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/5W/IOT

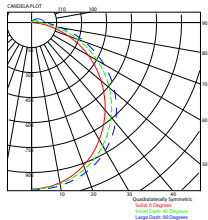
Bundled System with Enlighted 5E sensor (SU-5E-IOT) & Cable (CBL-5E-CU4-30N) paired with a driver with auxiliary power and 5 wire connection. Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Provided factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

PHOTOMETRIC REPORTS

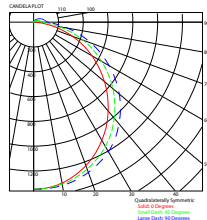
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

RZ4-20WLED-U-40-FRAL**SUMMARY DATA**

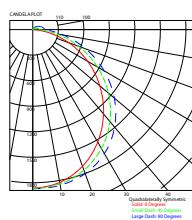
HEMISPHERES TESTED: BOTH
 EFFICIENCY (Downlight): 95.4%
 EFFICIENCY (Uplight): 4.6%
 CIE CLASSIFICATION: DIRECT
 LUMENS/LAMP: 3096.3
 INPUT WATTS: 22.2415

PLANE AND CONE DIAGRAM**RZ4-32WLED-U-40-FRAL****SUMMARY DATA**

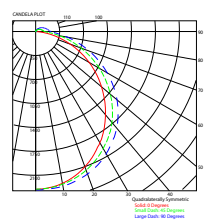
HEMISPHERES TESTED: BOTH
 EFFICIENCY (Downlight): 95.8%
 EFFICIENCY (Uplight): 4.2%
 CIE CLASSIFICATION: DIRECT
 LUMENS/LAMP: 4268.636
 INPUT WATTS: 32.4712

PLANE AND CONE DIAGRAM**RZ4-40WLED-U-40-FRAL****SUMMARY DATA**

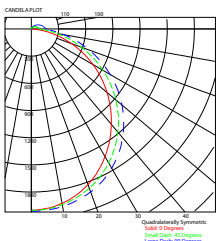
HEMISPHERES TESTED: BOTH
 EFFICIENCY (Downlight): 95.9 %
 EFFICIENCY (Uplight): 4.1 %
 CIE CLASSIFICATION: DIRECT
 LUMENS/LAMP: 5879.027
 INPUT WATTS: 40.62

PLANE AND CONE DIAGRAM**RZ4-55WLED-U-40-FRAL****SUMMARY DATA**

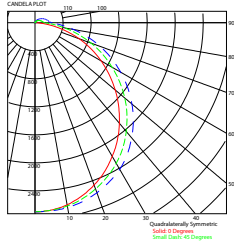
HEMISPHERES TESTED: BOTH
 EFFICIENCY (Downlight): 94.9 %
 EFFICIENCY (Uplight): 5.1 %
 CIE CLASSIFICATION: DIRECT
 LUMENS/LAMP: 7314.931
 INPUT WATTS: 53.9995

PLANE AND CONE DIAGRAM**RZ8-40WLED-U-40-FRAL****SUMMARY DATA**

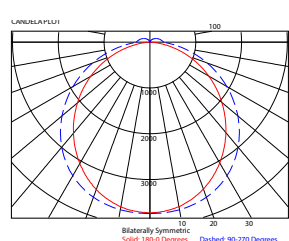
HEMISPHERES TESTED: BOTH
 EFFICIENCY (Downlight): 95.3%
 EFFICIENCY (Uplight): 4.7%
 CIE CLASSIFICATION: DIRECT
 LUMENS/LAMP: 6215.038
 INPUT WATTS: 43.7

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