Lumination

RLB2 Series
Strip Fixture Retrofit

RLB2 Series retrofit kits are designed to offer lighting designers a high performance retrofit solution with excellent efficacy, reliability and quality of light matched with the Daintree dimming solution for fully independent control of all luminaire. An Ideal commercial retrofit fixture that provides high uniformity and excellent efficiency at an incredible low cost

Construction

Housing:	Cast A360 Aluminum
Lens:	Acrylic
Paint:	White
Weight:	5.5lb (2.49kg)
Optical Assembly:	Precision lens - no visible LEDs

Optical System

Lumens:	9000 - 28000
Distribution:	Lambertain
Efficacy:	133-159 LPW
CCT:	3500K, 4000K, 5000K
CRI:	83

Electrical

Input Voltage:	120–277 V
Input Frequency:	50/60Hz
Power Factor (PF)*:	>90%*
Color Consistency	4 Step MacAdam Ellipse
EMI:	FCC CFR Title 47 Part 15, Class A
LED Driver Type:	Class 2

* PF may vary with options

Controls

Sensors:	0-10V Dimming, Integral Sensor, Daintree Integral Sensor, Daintree Wireless Enabled

Ambient Temperature

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	–10°C to +25°C (14°F to 77° F)
STORAGE TEMPERATURE	–40°C to +70°C (–40°F to 158° F)

Lumen Maintenance

LXX(10K) @ Hours 61,000 HR
L85

Design Life & Warranty

- **Reliability Testing:** Components and/or systems evaluation at extreme conditions and monitored during production.
- **Current's Limited 5-year Warranty:** Please see website.

Current

Ordering Information

RLB2 - - - - **V1** - - **RM** **WHTE** - - -

PRODUCT ID	FIXTURE TYPE	VOLTAGE	LUMEN OUTPUT	DISTRIBUTION	CRI/CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
RLB2	**R2** = 4' RETROFIT with 2' light sources **R4** = 4' RETROFIT **D8** = 2x4' RETROFIT	**0**¹ = 120–277V **D** = 347V	**25** = 2500lm **35** = 3500lm **50** = 5000lm **70** = 7000lm **10** = 10000lm **14** = 14000lm **20** = 20000lm	**V1** = Lambertain	**835** = 83CRI 3500K **840** = 85CRI, 4000K **850** = 83CRI 5000K	**VQ** = 1-10V Dimming **VH** = High Bay Occ. Sensor **TQ** = Daintree Enterprise Wireless Enabled **TZ** = Daintree Enterprise Wireless Enabled with Daintree WFA100 **TT** = Daintree EZ Connect Wireless with fixture integrated sensor **T1** = Daintree One with fixture integrated sensor with factory programmed preset	**RM** = Retrofit Mounting	**WHTE** = White	All options are ordered separately as accessories, please see below

Ordering Notes:
1. Not Compatible with Control type VH

FIXTURE TYPE	NOMINAL LUMENS	WATTAGE	LPW
R4	2500	17	147
R4	3500	23	152
R4	5000	34	147
R4	7000	50	140
R4	10000	75	133
D8	7000	45	156
D8	10000	63	159
D8	14000	94	149
D8	20000	144	139

ACCESSORIES (ORDERED AND SOLD SEPARATE)	PRODUCT CODE
EL = Emergency Lighting. Available as a field install 1pc	93082712
EL = Emergency Lighting. Available as a field install 10pc	93122370

Product Dimensions

A = 47.9 in
B = 4.25 in

4.25 in