

Project Name:
Part Number:
Fixture Type
Notes:

RLD Series Tunable Area Light

APPLICATIONS

4 selectable lumen outputs for different ceiling heights and 3 selectable CCT color outputs. Parking Lots, Auto Dealerships, Roadway and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.



RLD 140W / 180W AREA LIGHT

DLC Listed

This product is on the DESIGN Lights Consortium (DLC Premium 5.1) Qualified Products List and is eligible for rebates from DLC Member Utilities.



RLD 300W / 400W AREA LIGHT

UL Listing

Suitable for wet locations

Replacement

Replaces 400W MH - 1000W+ MH



ORDERING INFORMATION



EXAMPLE: RLD T3 140 5K BZ SF

Series	Optics	Power & Wattage Selectable	CCT Selectable	Finish	Voltage	Mounting	Options
RLD	T2 = Type II T3 = Type III T4 = Type IV T5 = Type V	40% = 60W	3K 3000K 4K 4000K 5K 5000K	BZ Dark Bronze RP* Custom Color	UNV 120-277V HVU 347-480V	RLD-RMB Square and Round Pole Mount RLD-SF Slipfitter Mount RLD-TB Trunnion Mount RLD-WB Wall Mount	Blank = No Accessories TLR-3P = 3 pin twist lock receptacle PCT03 = twist lock photocell (120/277V) PCT480 = twist lock photocell (480V) WA88 = universal shorting cap (120/277) RLDHS-01 = external glare shield for 140w RLD area light RLDHS-02 = external glare shield for 300w/400w RLD area light ANT-5-4T = bi-level microwave motion sensor RC-100 = remote control for microwave motion sensor
		60% = 90W					
		80% = 120W					
		100% = 140W					
		40% = 72W					
		60% = 108W					
		80% = 144W					
		100% = 180W					
		40% = 120W					
		60% = 180W					
		80% = 240W					
		100% = 300W					
40% = 300W							
60% = 320W							
80% = 360W							
100% = 400W							

*For custom color, please contact regional sales for details.

Accessories & Options



TLR-3P



PCT03



PCT480



WA88



RLDHS-01



RLDHS-02



ANT-5-4T



RLD-RMB



RLD-SF



RLD-TB



RLD-WB

ORE LIGHTING

SPECIFICATIONS

DRIVER

One Driver, Constant Current, Class I,
120-277V, 347-480V, 50-60Hz, Power Factor 98%

ELECTRICAL

Standard 120-277V / 347 - 480V
0 - 10V dimming

SURGE PROTECTION

10KV line – earth

LIFESPAN

100,000 – hour LED lifespan based
on IES LM-80 results and TM-21 calculations.

LUMENS SELECTABLE

Selectable lumen packages ranging from
10,000 - 23,000 lm for a small area light
11,800 - 27,000 lm for a small area light
20,000 - 45,000 lm for a Medium area light
45,000 - 62,000 lm for a Medium area light

CCT SELECTABLE

Switch selectable
3000K / 4000K / 5000K; 70+ CRI

EFFICACY

Up to 156 lumens per watt

COLOR UNIFORMITY

ORE's range of CCT (Correlated Color Temperature) follows
the Chromaticity of Solid-State Lighting (SSL) Products

AMBINET TEMPERATURE

Suitable for use in -40°F to 104°F (-40°C to 40°C)

HOUSING

One piece die-cast aluminum housing with integral heat-sink
fins

IP RATING

Ingress Protection rating of IP65 for dust and water

FINISH

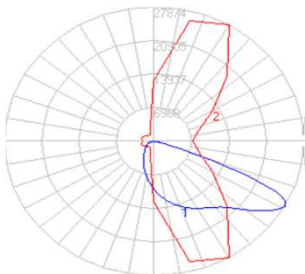
Formulated for high-durability and long-lasting color

GREEN TECHNOLOGY

Mercury and UV-free. RoHS compliant components.
Polyester powder coat finish formulated without the use of
VOCs or toxic heavy metals

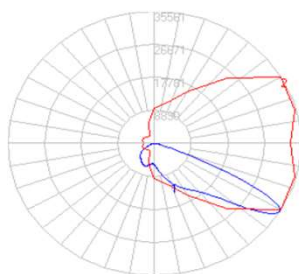
WARRANTY

5 year limited warranty. Comprehensive warranty terms
can be located on www.orelighting.com



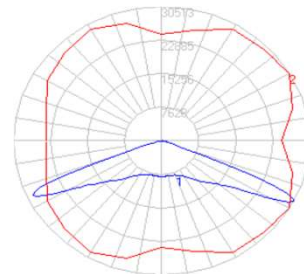
TYPE III -

optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.



TYPE IV -

suitable for applications where light is primarily required forward with minimal back light. Typical installations include perimeter poles



TYPE V -

optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type V luminaires is universal for most area lighting applications

Houston, Texas

Sales@orelighting.com

346-874-7955

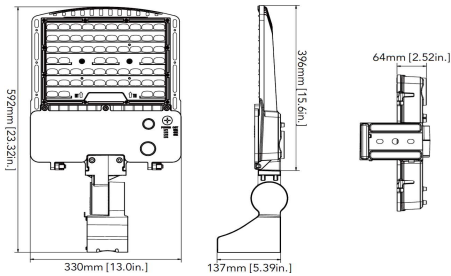
www.orelighting.com

Note: Information contained herein is subject to change without notice.

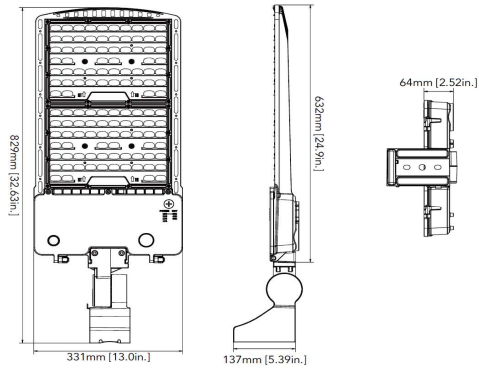
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DIMENSIONS

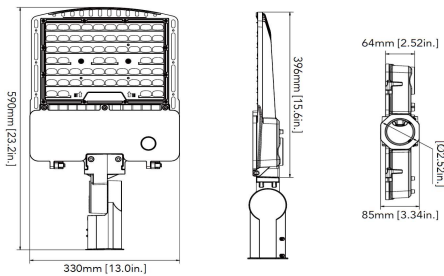
RLD 140W / 180W - Adjustable Pole Mount



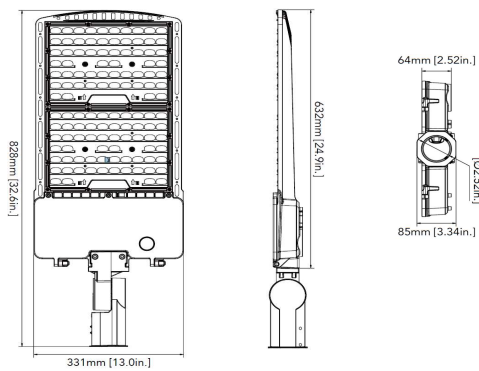
RLD 300W / 400W - Adjustable Pole Mount



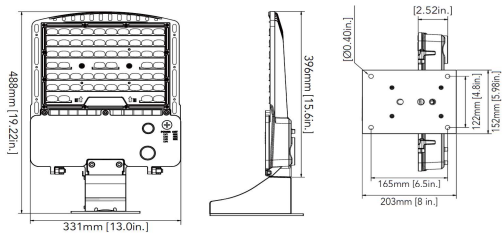
RLD 140W / 180W - Slipfitter Mount



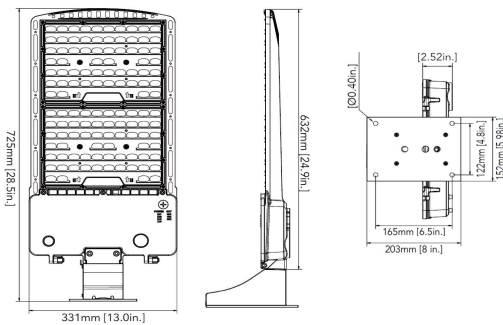
RLD 300W / 400W - Slipfitter Mount



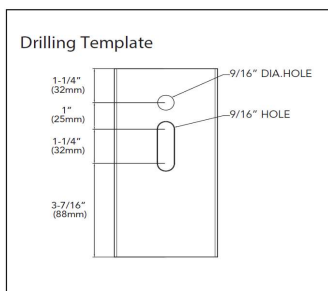
RLD 140W / 180W - Wall Mount



RLD 300W / 400W - Wall Mount



Pole Mount



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PERFORMANCE DATA

PART NUMBER	POWER %	WATTAGE	BUG	3000K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPS	LUMENS	LPW
RLD 140	40%	60W	B3-U0-G3	9,700	162	10,600	177	10,000	167
	60%	90W		14,000	156	15,500	172	14,500	161
	80%	120W		18,000	150	20,000	167	18,500	154
	100%	140W		19,200	143	23,000	164	21,000	150
RLD 180	40%	72W	B3-U0-G3	10,800	150	11,800	164	11,000	153
	60%	108W		15,800	146	17,300	160	16,200	150
	80%	144W		20,800	144	22,800	158	21,000	146
	100%	180W		25,500	142	28,000	156	26,000	144
RLD 300	40%	120W	B4-U0-G4	19,200	160	21,500	179	20,000	167
	60%	180W		28,000	156	30,000	167	28,500	158
	80%	240W		35,000	146	38,500	160	36,000	150
	100%	300W		41,000	138	45,000	150	42,000	140
RLD 400	40%	300W	B5-U0-G4	N/A	N/A	47,000	164	47,500	165
	60%	320W		N/A	N/A	51,500	161	51,550	162
	80%	360W		N/A	N/A	56,500	157	56,720	157
	100%	400W		N/A	N/A	62,000	153	62,300	154

ELECTRICAL LOAD

WATTAGE	Current (A)					
	120V	208V	240V	277V	347V	480V
60W	0.50	0.29	0.29	0.22	0.17	0.13
90W	0.71	0.41	0.41	0.31	0.24	0.18
120W	1.00	0.58	0.50	0.43	0.35	0.25
140W	1.17	0.67	0.67	0.51	0.40	0.29
120W	1.00	0.58	0.50	0.43	0.35	0.25
180W	1.50	0.87	0.75	0.65	0.52	0.38
240W	2.00	1.15	1.00	0.87	0.69	0.50
300W	2.50	1.44	1.25	1.08	0.86	0.63
320W	2.60	1.54	1.33	1.16	0.92	0.67
360W	3.00	1.73	1.33	1.30	1.04	0.75
400W	3.33	1.92	1.67	1.44	1.15	0.83

LUMINAIRE EPA CHART

EPA Rate							
SERIES	Single	2 @ 90°	2 @ 120°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
RLD 140 RLD 180	0.363	0.685	0.886	0.726	1.048	1.208	1.048
RLD 300 RLD 400	0.476	0.809	1.059	0.952	1.285	1.392	1.285