

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

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

UL Listing

Suitable for wet locations

Replacement

Replaces 400W MH - 1000W+ MH



ORDERING INFORMATION

EXAMPLE: **RLD T3 140 LCS BZ UNV**

Series	Optics	Wattage Selectable	CCT Selectable	Finish	Voltage	Mounting	Options	
RLD Area Light	T2 - Type II	60W - 10,600 lm	LCS 3000K	BZ Dark Bronze	UNV 120-277V	RMB Square and Round Pole Mount	Blank No Accessories	
	T3 - Type III	90W - 15,500 lm						4000K
	T4 - Type IV	120W - 20,000 lm						
	T5 - Type V	140W - 23,000 lm	RP* Custom Color	480 347-480V	SF Slipfitter Mount	PCTS Plug and Play photocell		
		72W - 11,800 lm						
		108W - 17,300 lm						
		144W - 22,800 lm						
		180W - 28,000 lm					TB Trunnion Mount	MPS PIR motion sensor
		120W - 21,500 lm						
	180W - 30,000 lm	WB Wall Mount	MMS Microwave motion sensor					
	240W - 38,500 lm			HS01 external glare shield for 140w and 180w RLD area light				
	300W - 45,000 lm	LCS 4000K	HS02 external glare shield for 300w and 400w RLD area light					
300W - 47,000 lm								
320W - 51,500 lm								
360W - 56,500 lm								
400W - 62,000 lm	5000K							

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

Accessories & Options



PCTS

ANT-5-4T-PC
plug and play
photocell 12-24V



MPS

MHANT12VPH02
PIR motion sensor



MMS

MHANT12VMH02
microwave motion
sensor



HS01/02

House side shield
for RLD series



RMB

Universal pole mount
for square or round
pole



SF

Slipfitter mount



TB

Trunnion mount



WB

Wall mount

SPECIFICATIONS

ELECTRICAL

Standard 120-277V / 347 - 480V, 0 - 10V dimming driver standard for 10% to 100% dimming

SURGE PROTECTION

10KV line – earth

OPTICS

Available in IES Type II, III, IV, V distributions
The optics can conform to dark sky requirement

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 167 lumens per watt

AMBIENT TEMPERATURE

Suitable for use in -40°F to 113°F (-40°C to 45°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

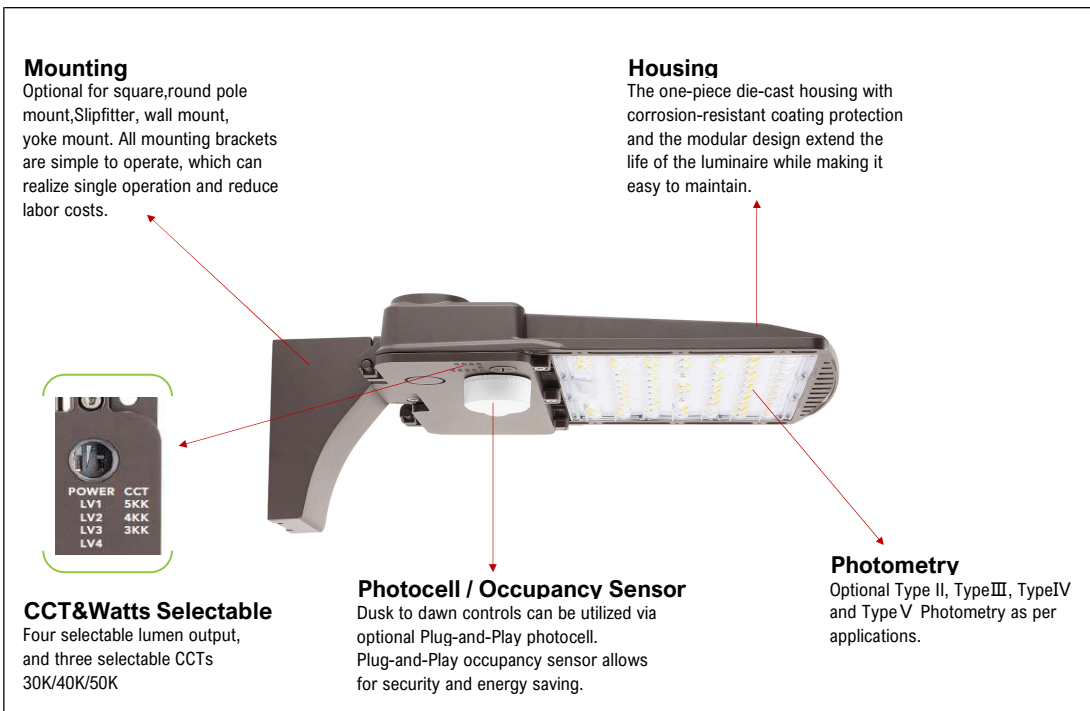
Formulated for high-durability and long-lasting color

GREEN TECHNOLOGY

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

WARRANTY

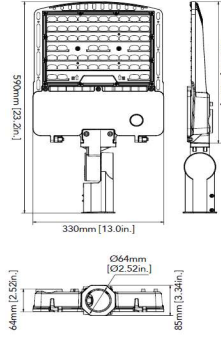
5 year limited warranty. Comprehensive warranty terms can be located on www.orelighting.com



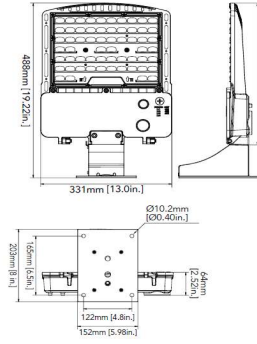
DIMENSIONS

unit: mm/inch

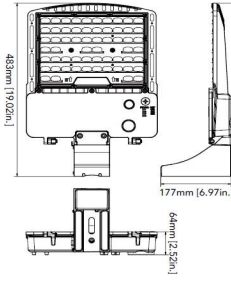
**RLD 140W / 180W
Slipfitter Mount**



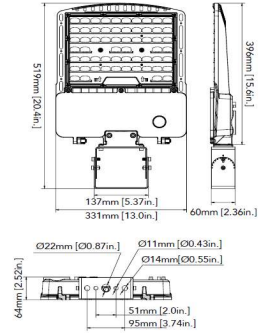
**RLD 140W / 180W
Wall Mount**



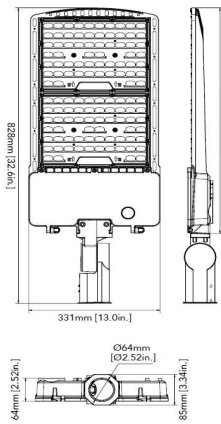
**RLD 140W / 180W
Pole Mount**



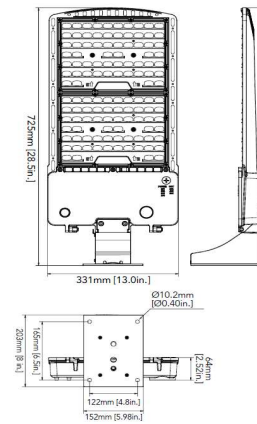
**RLD 140W / 180W
Trunnion Mount**



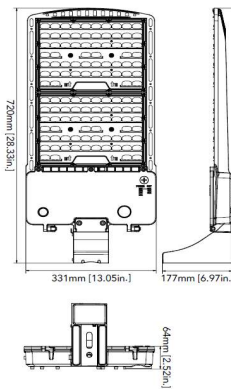
**RLD 300W / 400W
Slipfitter Mount**



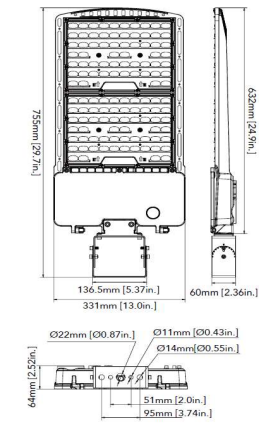
**RLD 300W / 400W
Wall Mount**



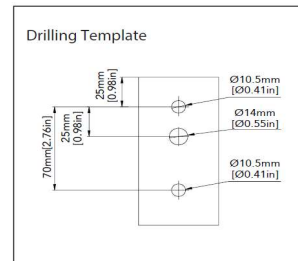
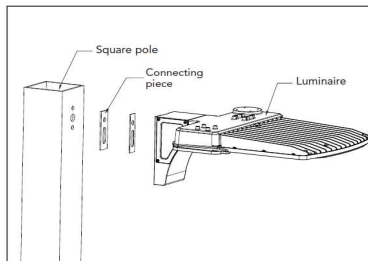
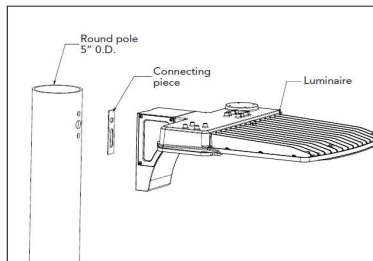
**RLD 300W / 400W
Pole Mount**



**RLD 300W / 400W
Trunnion Mount**



DRILLING TEMP










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

Updated date: 09/22/2024