

RDFL0208 Series

LED FLOOD LIGHT

Project Name:	
Catalog Number:	
Notes:	



Product Description:

Konlite RDFL0208 series are designed to “flood” an area with light or provide focus lighting on a specific area. Energy savings and reduced maintenance make flood lights a smart money-saving LED retrofit and come in various shapes and purposes.

From small to large applications, we offer top-quality RDFL0208 luminaire options in different wattages, lumen outputs, beam spreads, and mounting options to meet your specific needs.

Equivalent: 50W – 750W HID/HPS 1,950 to 26,000 Lumens

Applications:

Parking Lots, Walkways, Campuses, Flag Poles, Car Dealerships, Office Complexes, Retail, Residential, & etc.

Features:

Construction

Housing, electrical compartment and fitter are all made from die cast aluminum.

Vented housing isolates LED module from driver, maximizing product life and performance.

Door frame with a continuous extruded silicone gasket, features an integral accessory channel for the mounting of optional light control accessories.

Electric

Universal 120-277 VAC or 347-480 VAC input voltage.

All drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours.

Operating Temperature Range: -40°C - + 40°C (-40°F - + 104°F)

Certification

UL cUL wet location listed.

Note: DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), refer to www.designlights.org for details.

Installation

Konlite RDFL0208 series LED Flood Light can be mounted directly on round pole, wall or surface. Mounting:

1/2"Knuckle Mount

Trunnion Mount

Yoke Mount

Slip-fitter Mount

Optic

Optics(NEMA Type): 7Hx6V.

Scalable Lumen Packages from 1,950 to 26, 000 Lumens.

Provides the best combination of vertical and horizontal illumination while reducing light behind the poles.

High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation.

Warranty

>50,000 hours L70 lifespan use,

5-year limited warranty. Complete warranty terms located at:

<https://revolveled.com/pages/konlite-led-luminaire-limited-warranty>

Ordering Information

Example: RDFL02080705KNNSFLCD

Series	Wattage	CCT	Motion	Photo Control	Mounting	Voltage	Lens	Finish
RDFL0208	015=15W 027=27W 045=45W 060=60W 070=70W 090=90W 100=100W 135=135W 200=200W	5K=5000K	N=Non Motion Control	P=Photocell N=Non Photocell	KN=Knuckle Mount TR=Trunnion Mount SF = Slipfitter Mount YK = Yoke Mount	L=120-277V H=347-480V	C=Clear Lens	D=Dark Bronze



2880 North Berkeley Lake Road NW, Suite 8, Duluth GA 30096
Toll Free: 877-718-0808 Fax: 770-817-0127 www.revolveled.com

For informational purposes only.
Content is subject to change.

Rev. 4/22/24

EQUIVALENTS

RDFL0208	Wattage	15W	27W	45W	60W	70W	90W	100W	135W	200W
	Equal	50W MH	100W MH	150W MH	200W MH	250W MH	300W MH	320W MH	400W MH	750W MH

ACCESSORIES

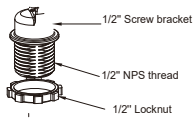


Photocell

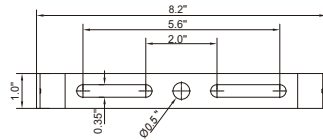
USE: Photocell is field installed or pre-installed in factory by requesting

MOUNTING BRACKETS

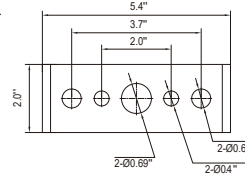
1/2"Knuckle Mount
(15W/27W/45W/60W)



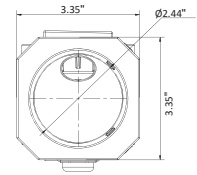
Trunnion Mount
(15W/27W/45W/60W)



Yoke Mount
(70W/100W/135W/200W)



Slipfitter Mount
(70W/100W/135W/200W)



Optical Data

SYSTEM WATTS	VOLTAGE	DIST. TYPE	CRI	3000K		3500K		4000K		5000K	
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
15W	120-277V	7Hx6V	70	1950lm	130lm/W	1950lm	130lm/W	2000lm	133lm/W	2000lm	133lm/W
27W	120-277V	7Hx6V	70	3600lm	133lm/W	3600lm	133lm/W	3700lm	137lm/W	3700lm	137lm/W
45W	120-277V	7Hx6V	70	6000lm	133lm/W	6000lm	133lm/W	6150lm	137lm/W	6150lm	137lm/W
60W	120-277V	7Hx6V	70	7400lm	123lm/W	7400lm	123lm/W	7800lm	130lm/W	7800lm	130lm/W
60W	347-480V	7Hx6V	70	7500lm	125lm/W	7500lm	125lm/W	7800lm	130lm/W	7800lm	130lm/W
70W	120-277V	7Hx6V	70	9200lm	131lm/W	9200lm	131lm/W	9400lm	134lm/W	9400lm	134lm/W
70W	347-480V	7Hx6V	70	9100lm	130lm/W	9100lm	130lm/W	9300lm	133lm/W	9300lm	133lm/W
90W	347-480V	7Hx6V	70	13000lm	144lm/W	13000lm	144lm/W	13400lm	149lm/W	13400lm	149lm/W
100W	120-277V	7Hx6V	70	13100lm	131lm/W	13100lm	131lm/W	13500lm	135lm/W	13500lm	135lm/W
135W	120-277V	7Hx6V	70	18000lm	133lm/W	18000lm	133lm/W	18500lm	137lm/W	18500lm	137lm/W
135W	347-480V	7Hx6V	70	18000lm	133lm/W	18000lm	133lm/W	18500lm	137lm/W	18500lm	137lm/W
200W	120-277V	7Hx6V	70	26000lm	131lm/W	26000lm	131lm/W	26000lm	131lm/W	26000lm	135lm/W
200W	347-480V	7Hx6V	70	26000lm	131lm/W	26000lm	131lm/W	26000lm	131lm/W	26000lm	131lm/W



2880 North Berkeley Lake Road NW, Suite 8, Duluth GA 30096
Toll Free: 877-718-0808 Fax: 770-817-0127 www.revolveled.com

For informational purposes only.
Content is subject to change.

Rev. 4/22/24








Electrical Data

Wattage	AC Input Current (A)					
	120V	208V	240V	277V	347V	480V
15W	0.13	0.07	0.06	0.05	/	/
27W	0.23	0.13	0.11	0.10	/	/
45W	0.38	0.22	0.19	0.16	/	/
60W	0.50	0.29	0.25	0.22	/	/
70W	0.58	0.34	0.29	0.25	0.20	0.15
90W	0.75	0.43	0.38	0.32	0.26	0.19
100W	0.83	0.48	0.42	0.36	0.29	0.21
135W	1.13	0.65	0.56	0.49	0.39	0.28
200W	1.67	0.96	0.83	0.72	0.58	0.42

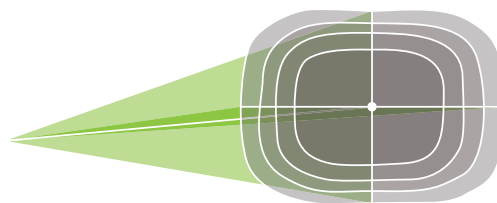
Lumen Maintenance

Operating Hours	25,000	50,000	75,000	100,000
Lumen Maintenance Factor	>0.95	>0.89	>0.84	>0.79

Luminaire EPA

Item							
	1	2 @90°	2 @120°	2 @180°	3 @90°	3 @120°	4 @90°
70W/100W	0.2885	0.6097	0.7475	0.557	0.8982	0.8196	0.8982
135W/200W	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993

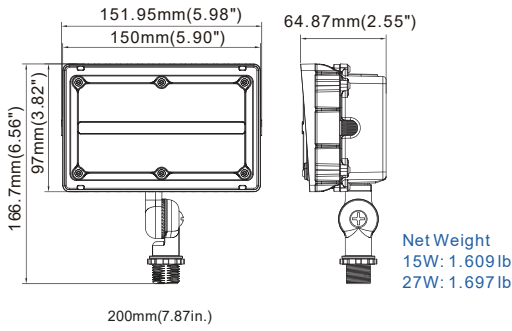
PHOTOMETRIC DIAGRAM



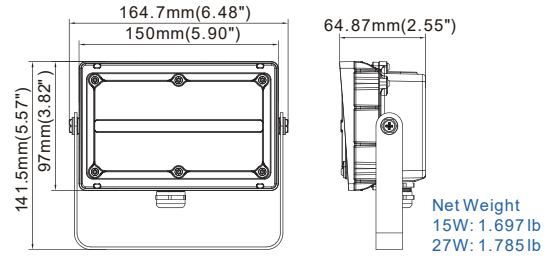
7HX6V

FIXTURE DIMENSIONS AND WEIGHT

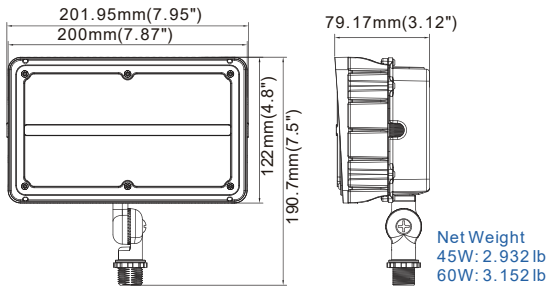
Knuckle Mount (15W&27W)



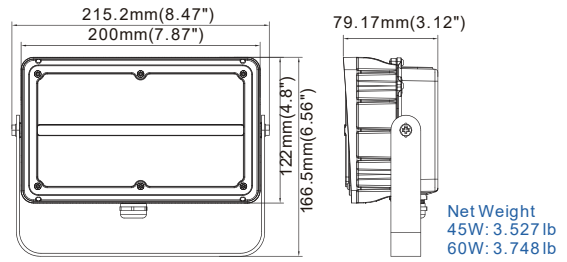
Trunnion Mount (15W&27W)



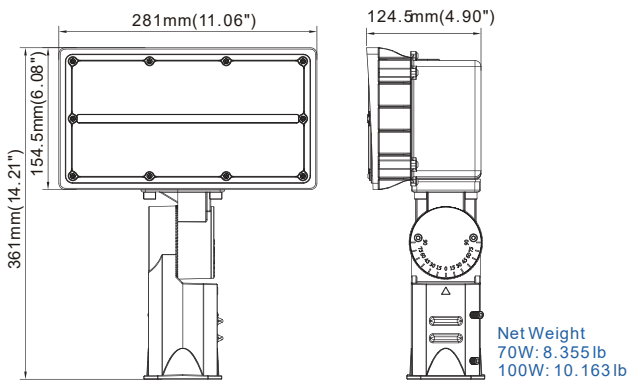
Knuckle Mount (45W&60W)



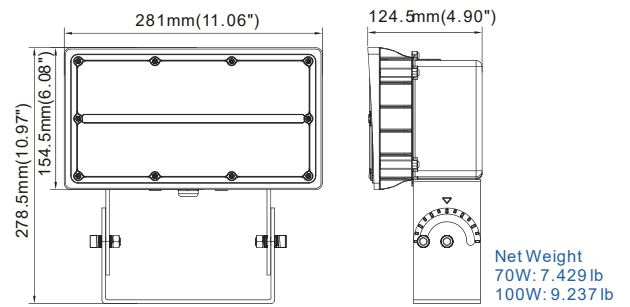
Trunnion Mount (45W&60W)



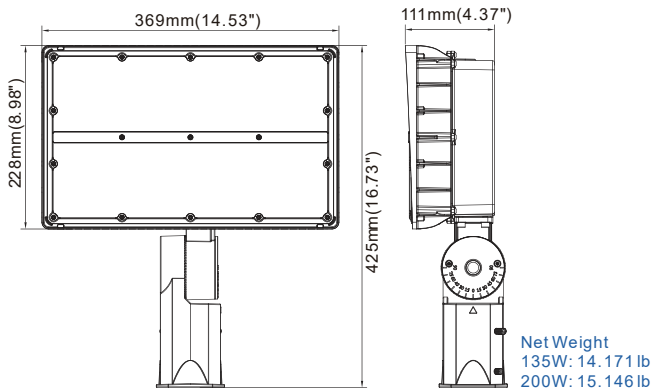
Slipfitter Mount (70W&100W)



Yoke Mount (70W&100W)



Slipfitter Mount (135W&200W)



Yoke Mount (135W&200W)

