

# Konlite LYRA Series

## LED Stadium Light

Project Name:	
Catalog Number:	
Notes:	



### Product Description:

Illuminate the game like never before with Konlite's LYRA LED Stadium Lights. Designed for both new installations and retrofit applications of professional and collegiate outdoor stadiums, LYRA stadium lights are equip with PHILIPS LED chips and high quality isolated drivers for unmatched quality and reliability. Plus, with advanced thermal management, you can trust in consistent performance, even in the most demanding conditions.

Experience the difference with our optical design, delivering balanced light distribution, enhanced glare control, and superior performance compared to traditional HID lights. The LYRA Series offers options of wattage selection, different NEMA lenses, laser sights, and mounting versatility to meet your individual needs.

Elevate your stadium's ambiance and visibility with LYRA LED Stadium Lights.

### Applications:

Sports Fields, Community Parks, College Stadiums, Golf Ranges, Shooting Ranges, etc.

### Features:

#### Construction

- Rugged die-cast aluminum housing with heat dissipating fins to ensure the longevity of the stadium light
- IP66 rating for protection against moisture and environmental contaminants

#### Ambient Temperature

Operating Temperature: -40 °F to 122 °F (-40°C to 50°C)

#### Certification

UL Wet Location Listed

DesignLights Consortium™ Qualified

Note: Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

#### Optics

Available in NEMA 3H3V, 4H4V, 5H5V Light distribution

Offered CCTs of 5000K & 5700K

UV stability Polycarbonate lens, distributing light where it is needed most

#### Electrical

- Universal 100-277V and 200-480V AC input

- 0-10V Dimmable Driver

- THD ≤ 15%

- Power Factor: ≥ 90%

- Built in 20KV Surge Protector

#### Warranty

Estimated 100,000 hours lifespan based on IES LM-80,000

10 Year Limited Warranty. Complete warranty terms located at:

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

Ordering Information					Example: KLR50050KHVWTR	
Series	Wattage	CCT	Voltage	Nema	Mounting	
LYRA	500=500W/400W/300W 680=680W 800=800W 1200=1200W	50K=5000K 57K=5700K	LV=100-277V HV=200-480V	W= Nema 4H4V / 5H5V M= Nema 3H3V N= Nema 2H2V	TR=Trunion mount TN=Tenon mount	



# Electrical Data

Model	Number of Drivers	PCB DC Voltage (V)	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	INPUT CURRENT (Amps)
KLR50050KLVWTR	2PCS	54	2583*2	300w	120V	2.8
	2PCS			300w	208V	1.6
	2PCS			300w	240V	1.4
	2PCS			300w	277V	1.2
	2PCS	54	3444*2	400w	120V	3.7
	2PCS			400w	208V	2.1
	2PCS			400w	240V	1.9
	2PCS			400w	277V	1.6
	2PCS	54	4305*2	500w	120V	4.6
	2PCS			500w	208V	2.7
	2PCS			500w	240V	2.3
	2PCS			500w	277V	2.0
KLR50050KHVVWTR	1PC	252	1131	300w	208V	1.6
	1PC			300w	240V	1.4
	1PC			300w	277V	1.2
	1PC			300w	480V	0.7
	1PC	252	1508	400w	208V	2.1
	1PC			400w	240V	1.9
	1PC			400w	277V	1.6
	1PC			400w	480V	0.9
	1PC	252	1885	500w	208V	2.7
	1PC			500w	240V	2.3
	1PC			500w	277V	2
	1PC			500w	480V	1.2
KLR68057KHWWTR	1PC	192	3364	680W	208V	3.6
	1PC			680W	240V	3.1
	1PC			680W	277V	2.7
	1PC			680W	480V	1.6
KLR80057KHVVWTR	1PC	192	3958	800W	208V	4.3
	1PC			800W	240V	3.7
	1PC			800W	277V	3.2
	1PC			800W	480V	1.9
KLR120057KHVVWTR	1PC	192	5937	1200W	208V	6.4
	1PC			1200W	240V	5.6
	1PC			1200W	277V	4.8
	1PC			1200W	480V	2.8

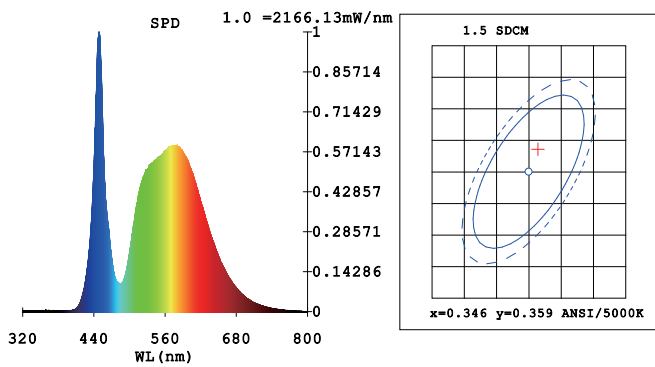


# Photoelectric Data

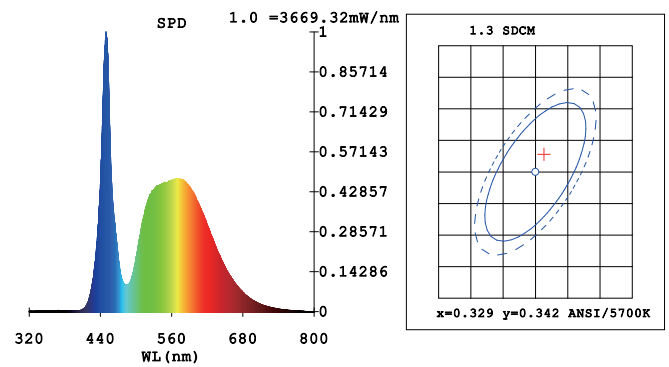
MODEL	SYSTEM WATTS (W)	VOLTAGE	NEMA	EPA			LUMENS	LPW	LUMENS	LPW
				Side (sq.ft.)	Front (sq.ft.)	Top (sq.ft.)	5000K	5000K	5700K	5700K
KLR50050KLVWTR	300	100-277V	4H4V	0.85	1.28	1.36	46,800	156	47,400	158
	400	100-277V	4H4V	0.85	1.28	1.36	60,000	150	60,800	152
	500	100-277V	4H4V	0.85	1.28	1.36	71,000	142	74,000	148
KLR50050KHVWTR	300	200-480V	4H4V	0.85	1.28	1.36	47,100	157	47,700	159
	400	200-480V	4H4V	0.85	1.28	1.36	60,800	152	61,600	154
	500	200-480V	4H4V	0.85	1.28	1.36	75,000	150	76,000	152
KLR68057KHWWTR	680	200-480V	5H5V	0.8	1.92	1.25	102,680	151	104,040	153
KLR80057KHVWTR	800	200-480V	5H5V	0.8	1.92	1.25	120,000	150	121,600	152
KLR120057KHVWTR	1200	200-480V	5H5V	1.02	2.94	1.67	180,000	150	182,400	152
<b>Operating hours</b>	<b>25,000</b>	<b>50,000</b>	<b>75,000</b>	<b>100,000</b>						
Lumen Maintenance Factor	0.9	0.85	0.8	0.7						

# Spectrum

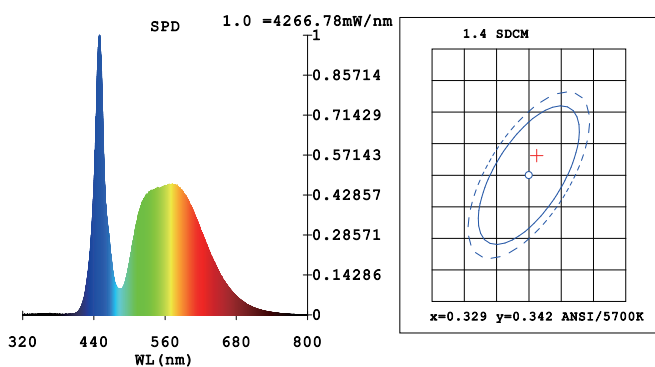
500W 5000K



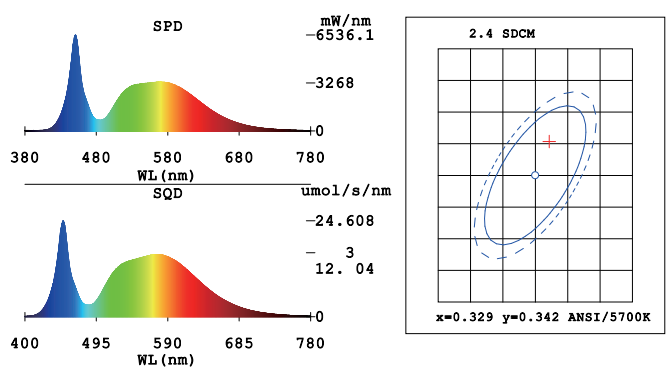
680W 5700K

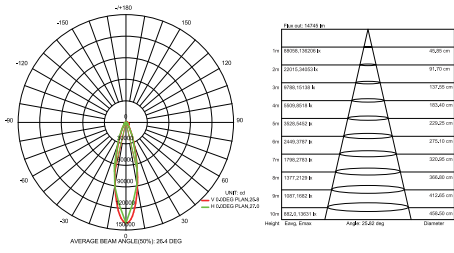


800W 5700K

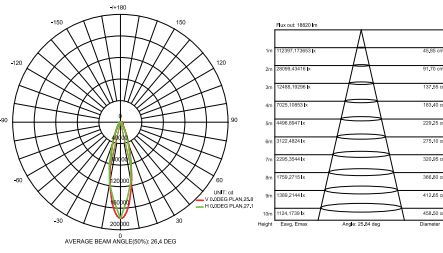


1200W 5700K

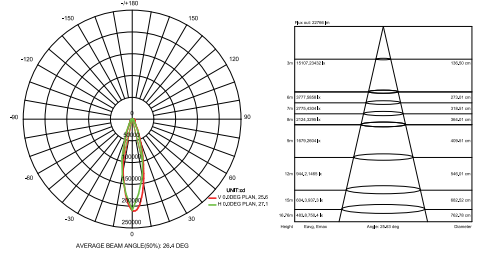




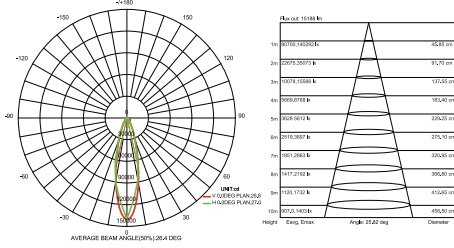
**KLR50050KHVWTR**  
**4H4V-300W-5000K**  
 Beam Angle: 30 Degrees



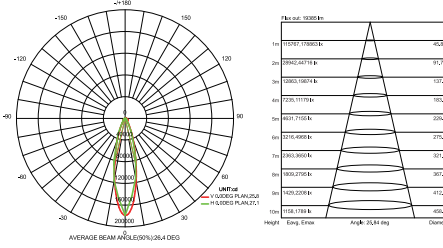
**KLR50050KHVWTR**  
**4H4V-400W-5000K**  
 Beam Angle: 30 Degrees



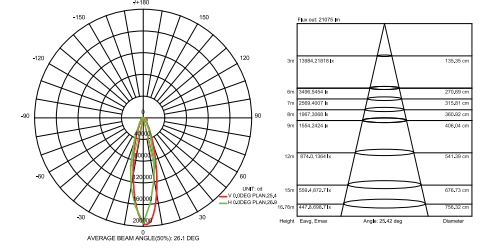
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**4H4V-500W-5000K**  
 Beam Angle: 30 Degrees



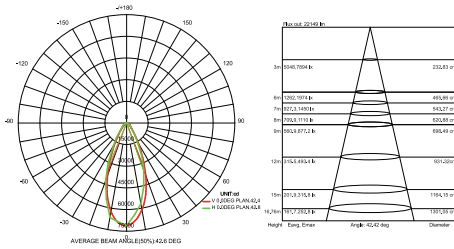
**KLR50050KLVWTR**  
**4H4V-300W-5000K**  
 Beam Angle: 30 Degrees



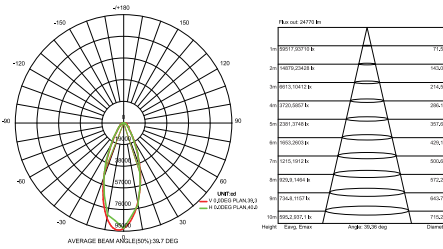
**KLR50050KLVWTR**  
**4H4V-400W-5000K**  
 Beam Angle: 30 Degrees



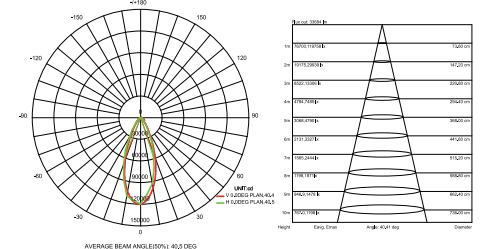
**KLR50050KLVWTR**  
**4H4V-500W-5000K**  
 Beam Angle: 30 Degrees



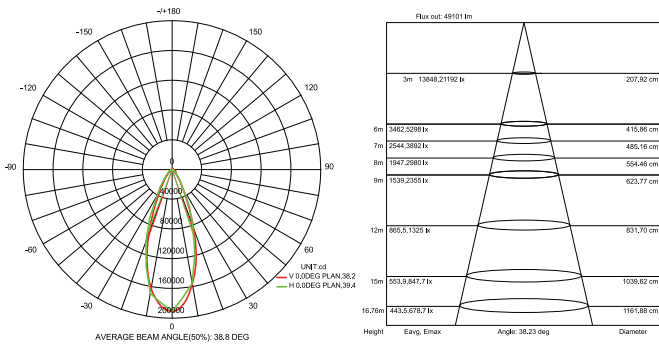
**KLR50050KLVWTR**  
**5H5V-300W-5000K**  
 Beam Angle: 40 Degrees



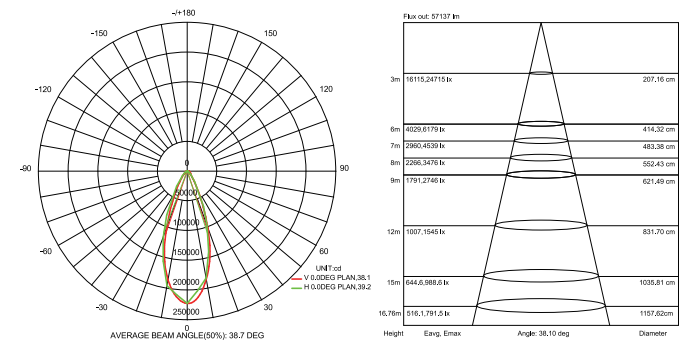
**KLR50050KLVWTR**  
**5H5V-400W-5000K**  
 Beam Angle: 40 Degrees



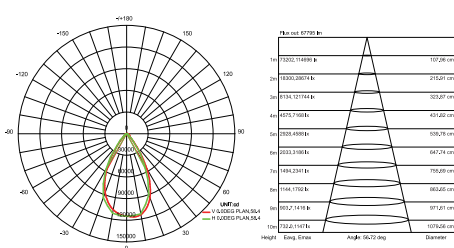
**KLR50050KLVWTR**  
**5H5V-500W-5000K**  
 Beam Angle: 40 Degrees



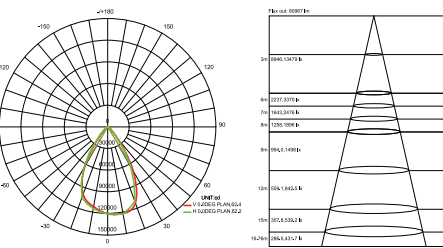
**KLR68057KHVWTR**  
**5H5V-680W-5700K**  
 Beam Angle: 40 Degrees



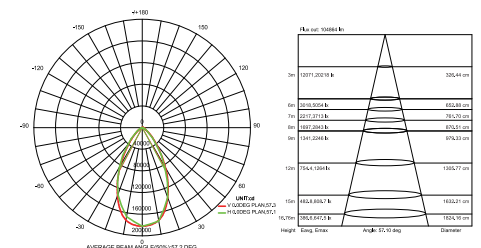
**KLR80057KHVWTR**  
**5H5V-800W-5700K**  
 Beam Angle: 40 Degrees



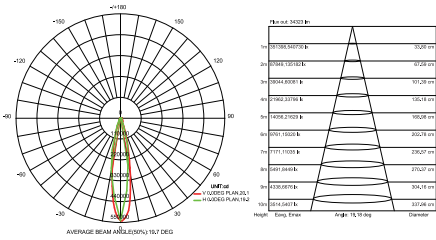
**KLR68057KHWTR**  
**5H5V-680W-5700K**  
 Beam Angle: 60 Degrees



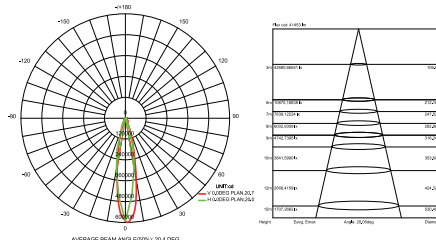
**KLR80057KHWTR**  
**5H5V-800W-5700K**  
 Beam Angle: 60 Degrees



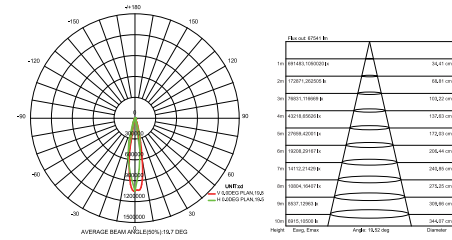
**KLR120057KHWTR**  
**5H5V-1200W-5700K**  
 Beam Angle: 60 Degrees



**KLR68057KHMTR**  
**3H3V-680W-5700K**  
 Beam Angle: 20 Degrees



**KLR80057KHMTR**  
**3H3V-800W-5700K**  
 Beam Angle: 20 Degrees



**KLR120057KHMTR**  
**3H3V-1200W-5700K**  
 Beam Angle: 20 Degrees

## Accessories



Visor (Included)



**KLR-LASER**  
 Laser Sight (Sold Separately)



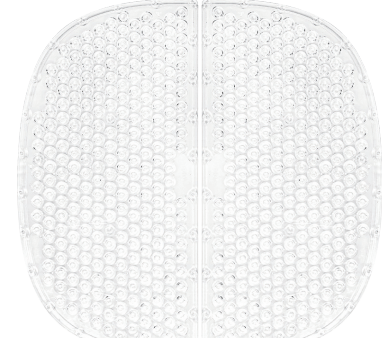
**KLR-Slipfitter**  
 Slipfitter Bracket for LYRA 500W/400W/300W Model (Sold Separately)



Lens 30°- 4H4V, 40°- 5H5V  
 500W/400W/300W Model  
 (Sold Separately)



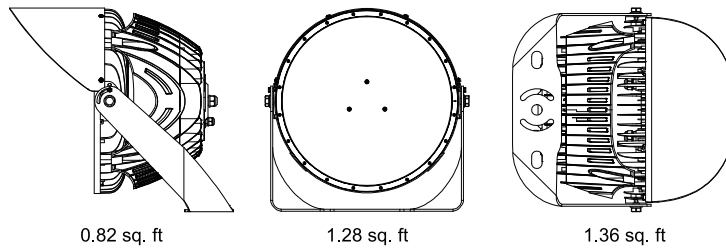
Lens 20°- 3H3V, 40°- 5H5V, 60°-5H5V  
 For LYRA 680W, 800W  
 (Sold Separately)



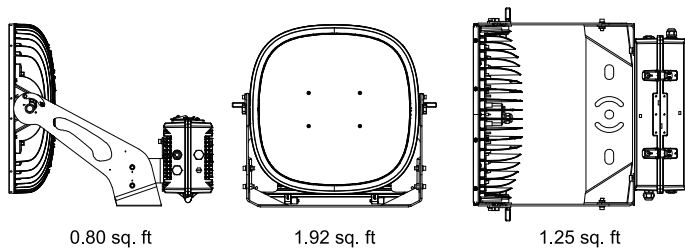
Lens 20°- 3H3V, 40°- 5H5V, 60°-5H5V  
 For LYRA 1200W  
 (Sold Separately)

## EPA

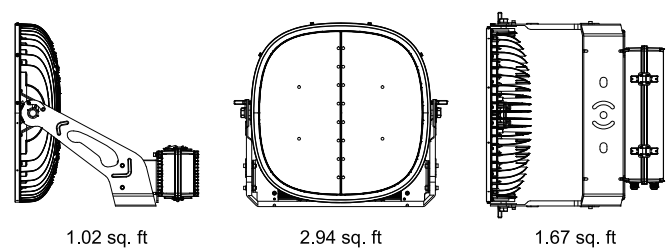
### 500W/400W/300W Model with Visor



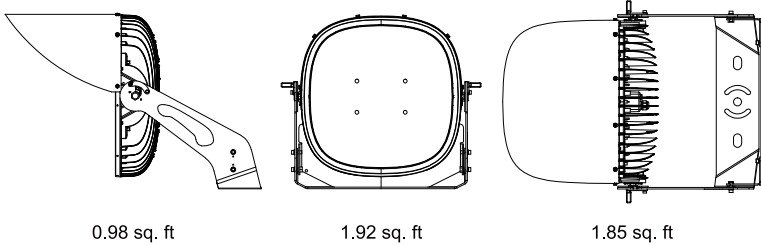
### 680W & 800W Model without Visor & with Driver Box



### 1200W Model without Visor & with Driver Box



**680W & 800W Model with Visor & without Driver Box**

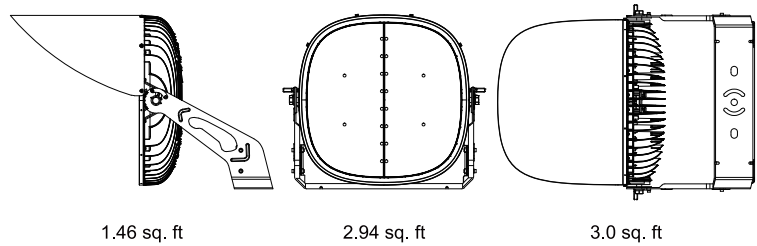


0.98 sq. ft

1.92 sq. ft

1.85 sq. ft

**1200W Model with Visor & without Driver Box**

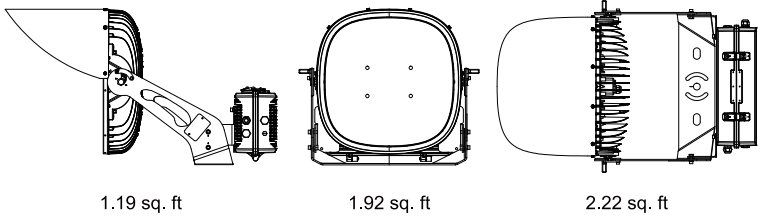


1.46 sq. ft

2.94 sq. ft

3.0 sq. ft

**680W & 800W Model with Visor & with Driver Box**

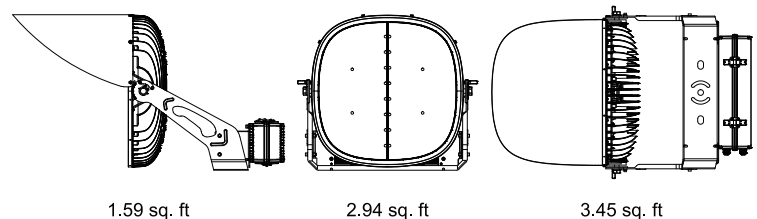


1.19 sq. ft

1.92 sq. ft

2.22 sq. ft

**1200W Model with Visor & with Driver Box**



1.59 sq. ft

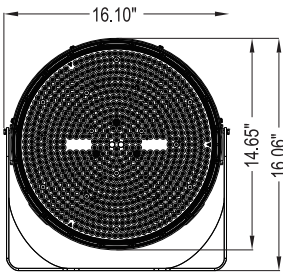
2.94 sq. ft

3.45 sq. ft

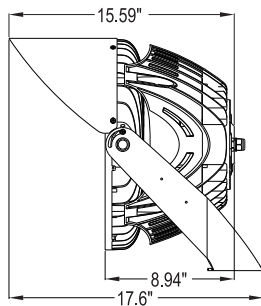
## Dimensions

unit: inch

**500W/400W/300W**

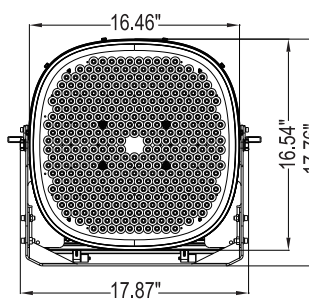


Weight without Visor: 22.07 lbs

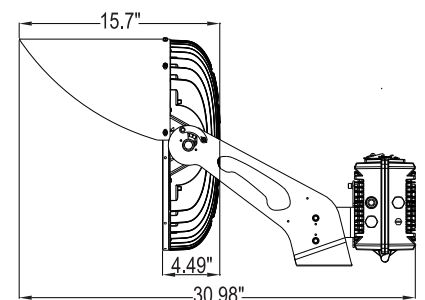


Net Weight: 22.78 lbs

**680W & 800W**

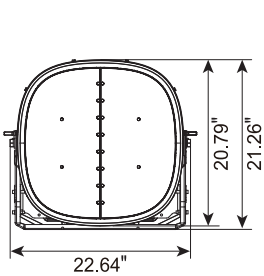


Weight without Visor: 43.44 lbs  
Visor Weight: 1.46 lbs

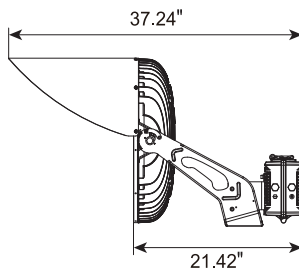


Net Weight: 44.9 lbs  
Weight without Driver Box: 33.1 lbs

**1200W**



Weight without Visor: 66.22 lbs  
Visor Weight: 2.56 lbs



Net Weight: 68.78 lbs  
Weight without Driver Box: 45.28 lbs