Date		Project	
Type		Part Number	

PRIME ALL-IN-ONE PERFORMANCE LIGHTING

ZEUS Series

LED Sports Light

The ZEUS Series Sports Light delivers exceptional brightness and clarity, offering uniform, powerful illumination that turns any field into a professional-grade arena. Engineered to endure the harshest outdoor environments, they are built with energy efficiency at the forefront, reducing operational costs while optimizing visibility for athletes, fans, and broadcasters. With every fixture, the ZEUS Series brings precision lighting that performs as powerfully as the athletes it illuminates.



R1 MODEL -
300W / 400W / 500W (MULTI POWER)

R2 MODEL -
680W / 750W / 800W (MULTI POWER)

R3 MODEL -
1000W / 1200W / 1300W (MULTI POWER)

DLC LISTED PREMIUM · UL CERTIFIED · MULTI POWER · FC · DUAL V 120-347V · IP66 · IK08 · 10 YEARS WARRANTY

PRODUCT FEATURES

- Standard 30° beam angle (R1 model) and 20° degree beam angle (R2 & R3 models). Optional beam angle lens accessories available for greater control of the light distribution
- Powered by 0–10V dimming LED driver
- 10kV Built-in driver, plus 20kV supplemental surge protection
- Remote Driver option enables driver box to be located at the ground for easy servicing and lower EPA ratings
- THD <20%
- IP66 Rated
- Rugged construction: die-cast aluminum, with a powder coated black finish
- Operating temperature: -40°F to +122°F (-40°C to +50°C)
- Pre-installed Yoke Mount with 6ft cord included. (Slip Fitter mount optional)
- Visor and Fixture Mounted Laser Pointer accessories available
- Optional shorting cap and intergrated NEMA/ANSI C136.41 7-pin twist lock receptacle
- Rated Lifespan: L70 ~100,000 hrs
- 10 year limited warranty
- 25 year limited warranty available (Please contact your sales rep)

KEY SPECIFICATIONS

Voltage	120-347V (R1/R2 models), 200-480V (R3 model)
Wattage	Selectable - 300W / 400W / 500W 680W/ 750W/ 800W 1000W/ 1200W/ 1300W
CCT	5000K (4000K optional)
CRI	>70
Lumens	45,000 – 188,500 lm
Beam Angle	30°(R1 model), 20°(R2/R3 models)
Dimming	0-10V
Power Factor	>0.9
Mounting	Yoke (included), Slip Fitter
Applications	Sports Fields, Parks, Golf Courses, Driving Ranges, Ski Resorts

905-604-4666 | info@renolighting.com | www.renolighting.com

SPECIFICATIONS – R1 MULTI POWER (300/400/500W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT	EPA
R53051	RENO-SP-MW-F-DV-50K-30D-R1	300W	120-347V	45,000 lm	150 lm/W	5000K	1.28
		400W		60,000 lm			
		500W		75,000 lm			

SPECIFICATIONS – R2 MULTI POWER (680/750/800W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT	EPA
R53052	RENO-SP-MW-F-DV-50K-20D-R2	680W	120-347V	102,000 lm	150 lm/W	5000K	1.92
		750W		112,500 lm			
		800W		120,000 lm			

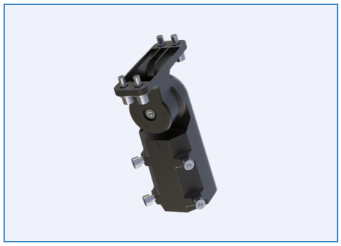
SPECIFICATIONS – R3 MULTI POWER (1000/1200/1300W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT	EPA
R53053	RENO-SP-MW-P-DV-50K-20D-R3	1000W	200-480V	145,000 lm	145 lm/W	5000K	2.94
		1200W		174,000 lm			
		1300W		188,500 lm			

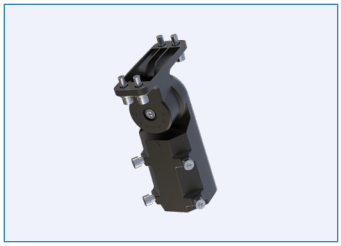
DLC CERTIFICATION

Order#	Model	Application	DLC Standard	DLC Premium
R53051	RENO-SP-MW-F-DV-50K-30D-R1	High-Bay Luminaires for Commercial and Industrial Buildings	–	S-MBL4N0
R53052	RENO-SP-MW-F-DV-50K-20D-R2	High-Bay Luminaires for Commercial and Industrial Buildings	–	S-QG5WHV
R53053	RENO-SP-MW-P-DV-50K-20D-R3	High-Bay Luminaires for Commercial and Industrial Buildings	–	S-LX71M7

ACCESSORIES – INSTALLATION



R59521
RENO-SP-SF-R1
Slip fitter mount kit for Sports Light R1



R59522
RENO-SP-SF-R2
Slip fitter mount kit for Sports Light R2



R59523
RENO-SP-SF-R3
Slip fitter mount kit for Sports Light R3



R59601
RENO-SP-LASER
Laser pointer for Sports Light



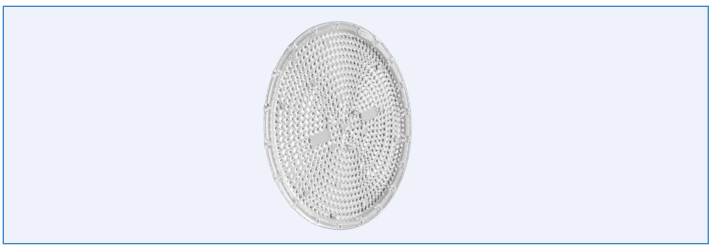
R59411
RENO-SP-EC-40FT-R1
40FT extension cord to remote mount LED driver for R1

R59423
RENO-SP-EC-70FT-R2
70FT extension cord to remote mount LED driver for R2

R59424
RENO-SP-EC-70FT-R3
70FT extension cord to remote mount LED driver for R3

Order#	Model	Description
R59521	RENO-SP-SF-R1	Slip fitter mount kit for R1 Sport Light
R59522	RENO-SP-SF-R2	Slip fitter mount kit for R2 Sport Light
R59523	RENO-SP-SF-R3	Slip fitter mount kit for R3 Sport Light
R59601	RENO-SP-LASER	Laser pointer for Sport Light
R59411	RENO-SP-EC-40FT-R1	40FT extension cord to remote mount LED driver for R1 Sport Light
R59423	RENO-SP-EC-70FT-R2	70FT extension cord to remote mount LED driver for R2 Sport Light
R59424	RENO-SP-EC-70FT-R3	70FT extension cord to remote mount LED driver for R3 Sport Light

ACCESSORIES – OPTICS & VISOR



R59401
RENO-SP-LENS-20D-R1
20° beam angle lens for R1 Sport Light

R59402
RENO-SP-LENS-45D-R1
45° beam angle lens for R1 Sport Light

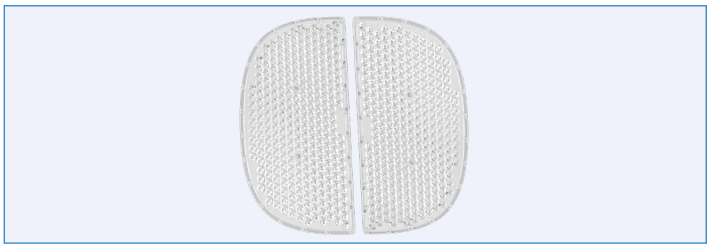
R59403
RENO-SP-LENS-60D-R1
60° beam angle lens for R1 Sport Light



R59404
RENO-SP-LENS-30D-R2
30° beam angle lens for R2 Sport Light

R59405
RENO-SP-LENS-40D-R2
40° beam angle lens for R2 Sport Light

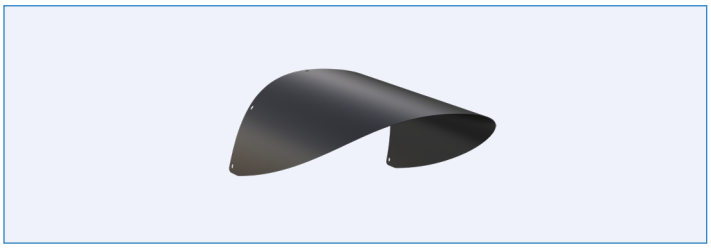
R59406
RENO-SP-LENS-60D-R2
60° beam angle lens for R2 Sport Light



R59407
RENO-SP-LENS-30D-R3
30° beam angle lens for R3 Sport Light

R59408
RENO-SP-LENS-40D-R3
40° beam angle lens for R3 Sport Light

R59409
RENO-SP-LENS-60D-R3
60° beam angle lens for R3 Sport Light



R59511
RENO-SP-VISOR-R1
Visor for R1 Sport Light

R59512
RENO-SP-VISOR-R2
Visor for R2 Sport Light

R59513
RENO-SP-VISOR-R3
Visor for R3 Sport Light

Order#	Model	Description
R59401	RENO-SP-LENS-20D-R1	20° beam angle lens for R1 Sport Light
R59402	RENO-SP-LENS-45D-R1	45° beam angle lens for R1 Sport Light
R59403	RENO-SP-LENS-60D-R1	60° beam angle lens for R1 Sport Light
R59404	RENO-SP-LENS-30D-R2	30° beam angle lens for R2 Sport Light
R59405	RENO-SP-LENS-40D-R2	40° beam angle lens for R2 Sport Light
R59406	RENO-SP-LENS-60D-R2	60° beam angle lens for R2 Sport Light
R59407	RENO-SP-LENS-30D-R3	30° beam angle lens for R3 Sport Light
R59408	RENO-SP-LENS-40D-R3	40° beam angle lens for R3 Sport Light
R59409	RENO-SP-LENS-60D-R3	60° beam angle lens for R3 Sport Light
R59511	RENO-SP-VISOR-R1	Visor for R1 Sport Light
R59512	RENO-SP-VISOR-R2	Visor for R2 Sport Light
R59513	RENO-SP-VISOR-R3	Visor for R3 Sport Light

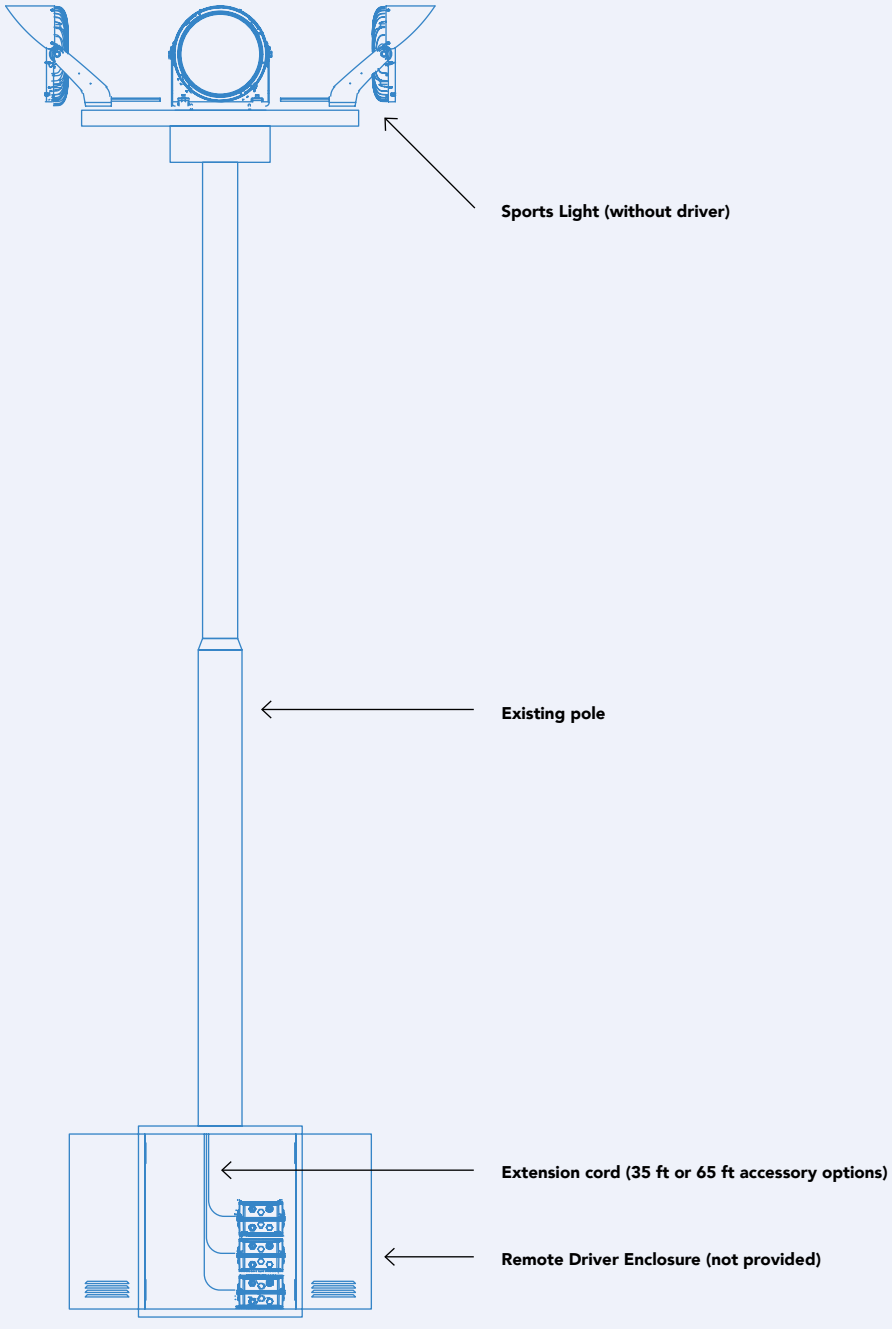
ACCESSORIES – SENSOR



R72004
RENO-SENSOR-PC-TOP
NEMA Type 3-Pin Twist Lock
Photocell 100-480V

Order#	Model	Description
R59401	RENO-SENSOR-PC-TOP	NEMA Type 3-Pin Twist Lock Photocell 100-480V

REMOTE DRIVER CONFIGURATION

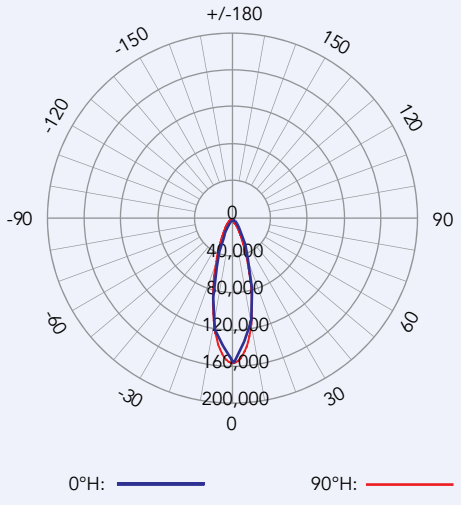


Remote Driver configuration available for high-pole installations. Drivers can be removed from the fixture body and assembled separated into an easy to maintain ground level box (extension cord required, available in 35ft and 65ft lengths).

PHOTOMETRICS

R1

LUMINOUS INTENSITY DISTRIBUTION



ILLUMINANCE AT A DISTANCE

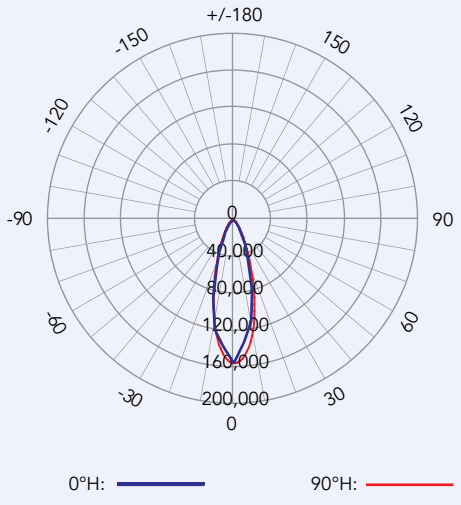
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	3799.9 fc	3.6 / 3.6 ft
8.0 ft	1688.8 fc	5.6 / 5.6 ft
12.0 ft	950.0 fc	7.5 / 7.2 ft
16.0 ft	608.0 fc	9.2 / 9.2 ft
20.0 ft	422.2 fc	11.1 / 10.8 ft

Vertical Spread: 31.6° | Horizontal Spread: 31.3°

NOTE: Shown at 500W/30°

R1 WITH VISOR

LUMINOUS INTENSITY DISTRIBUTION



ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	3608.3 fc	3.6 / 3.6 ft
8.0 ft	1603.7 fc	5.6 / 5.6 ft
12.0 ft	902.1 fc	7.2 / 7.2 ft
16.0 ft	577.3 fc	9.2 / 9.2 ft
20.0 ft	400.9 fc	10.8 / 11.2 ft

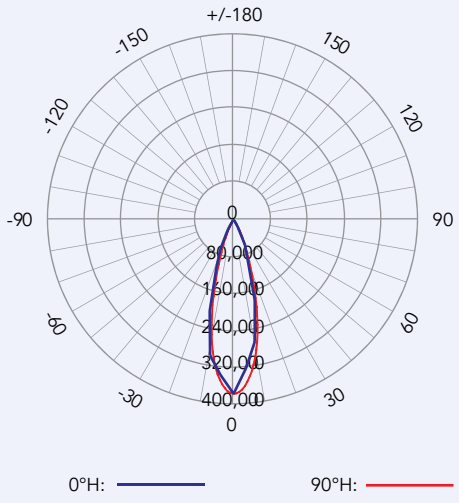
Vertical Spread: 31.3° | Horizontal Spread: 31.3°

NOTE: Shown at 500W/30°

PHOTOMETRICS

R2

LUMINOUS INTENSITY DISTRIBUTION



ILLUMINANCE AT A DISTANCE

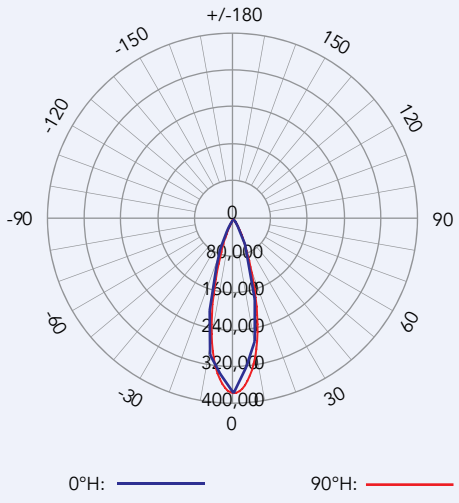
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	8843.7 fc	3.6 / 3.6 ft
8.0 ft	3930.5 fc	5.2 / 5.2 ft
12.0 ft	2210.9 fc	7.2 / 6.9 ft
16.0 ft	1415.0 fc	8.9 / 8.5 ft
20.0 ft	982.6 fc	10.8 / 10.5 ft

Vertical Spread: 30.3° | Horizontal Spread: 29.5°

NOTE: Shown at 800W/20°

R2 WITH VISOR

LUMINOUS INTENSITY DISTRIBUTION



ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	8854.5 fc	3.6 / 3.6 ft
8.0 ft	3935.3 fc	5.2 / 5.2 ft
12.0 ft	2213.6 fc	6.9 / 6.9 ft
16.0 ft	1416.7 fc	8.9 / 8.5 ft
20.0 ft	983.8 fc	10.5 / 10.5 ft

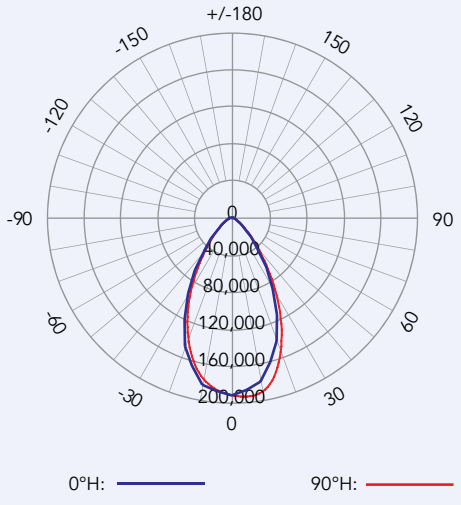
Vertical Spread: 30° | Horizontal Spread: 29.5°

NOTE: Shown at 800W/20°

PHOTOMETRICS

R3

LUMINOUS INTENSITY DISTRIBUTION



ILLUMINANCE AT A DISTANCE

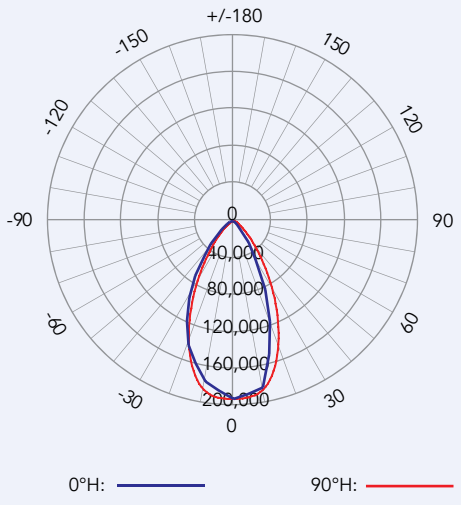
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	4516.3 fc	7.2 / 7.2 ft
8.0 ft	2007.3 fc	10.8 / 10.8 ft
12.0 ft	12153.3 fc	14.4 / 14.4 ft
16.0 ft	722.6 fc	18.0 / 18.0 ft
20.0 ft	501.8 fc	21.7 / 21.7 ft

Vertical Spread: 57.5° | Horizontal Spread: 57.9°

NOTE: Shown at 1300W/20°

R3 WITH VISOR

LUMINOUS INTENSITY DISTRIBUTION



ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	4500.2 fc	6.6 / 6.9 ft
8.0 ft	2000.1 fc	9.8 / 10.8 ft
12.0 ft	1125.1 fc	13.1 / 13.8 ft
16.0 ft	720.03 fc	16.4 / 17.1 ft
20.0 ft	500.0 fc	19.7 / 20.7 ft

Vertical Spread: 55.3° | Horizontal Spread: 52.8°

NOTE: Shown at 1300W/20°

DIMENSIONS

R1

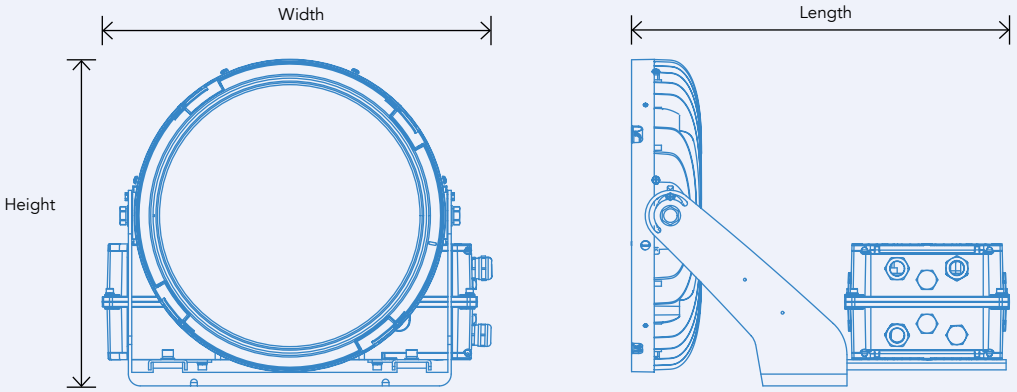
Width: 18.2" (463 mm)

Height: 15.3" (388 mm)

Length: 17.6" (448 mm)

EPA: 0.7 (sq. ft.)

Weight: 29.1 lbs (13.2 kg)

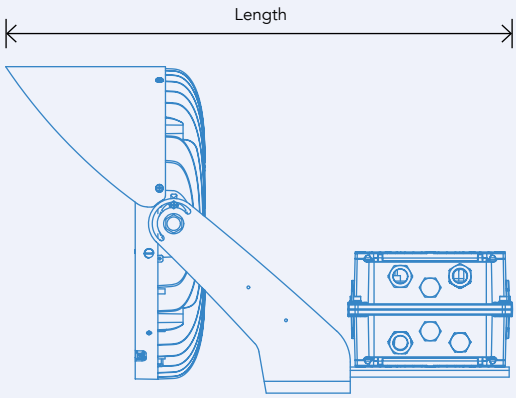


R1 WITH VISOR

Length: 23.7" (603 mm)

EPA: 0.9 (sq. ft.)

Weight: 29.8 lbs (13.5 kg)



R1 WITH SLIP FITTER

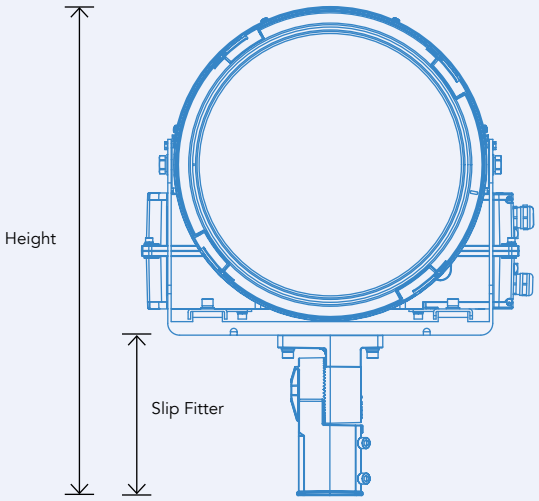
Height

w/ Slip Fitter: 25.5" (647.7 mm)

Slip Fitter: 10.2" (259.1 mm)

EPA: 0.8 (sq. ft.)

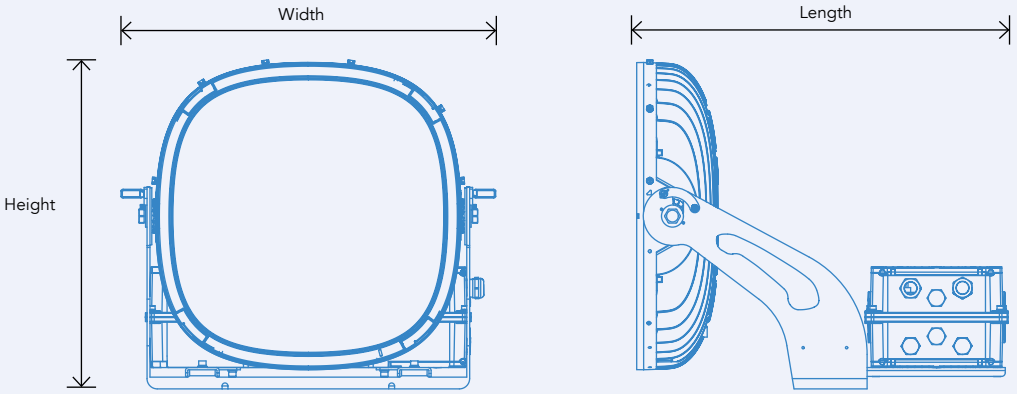
Weight: 32.4 lbs (14.7 kg)



DIMENSIONS

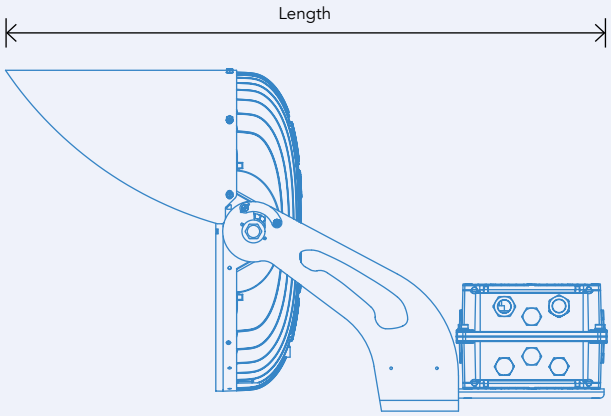
R2

Width:	18.2" (462 mm)
Height:	17.6" (446 mm)
Length:	20" (508 mm)
EPA:	0.9 (sq. ft.)
Weight:	43.0 lbs (19.5 kg)



R2 WITH VISOR

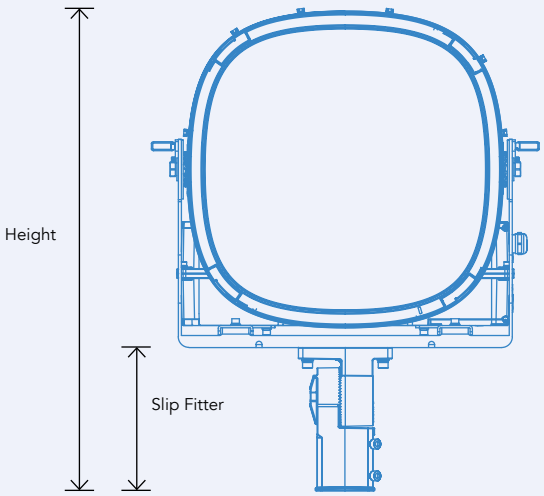
Length:	30.8" (781 mm)
EPA:	1.2 (sq. ft.)
Weight:	44.5 lbs (20.2 kg)



R2 WITH SLIP FITTER

Height

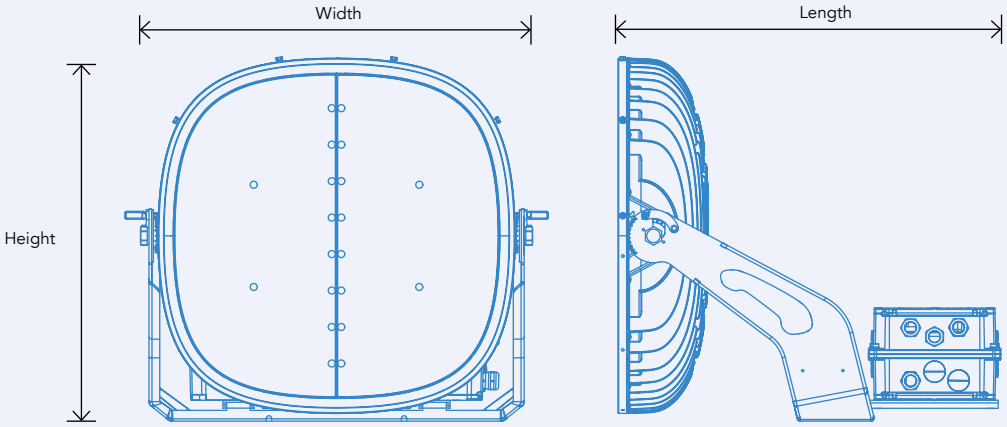
w/ Slip Fitter:	25" (635 mm)
Slip Fitter:	7.4" (189 mm)
EPA:	1.0 (sq. ft.)
Weight:	47.1 lbs (21.4 kg)



DIMENSIONS

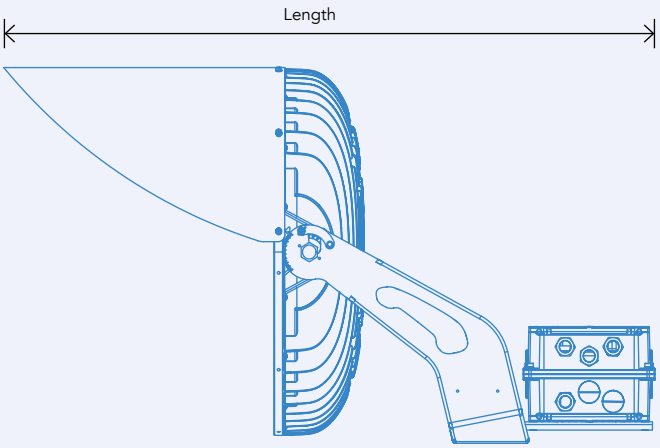
R3

Width: 22.6" (575 mm)
Height: 21.3" (541 mm)
Length: 22.3" (566 mm)
EPA: 1.1 (sq. ft.)
Weight: 62.1 lbs (27 kg)



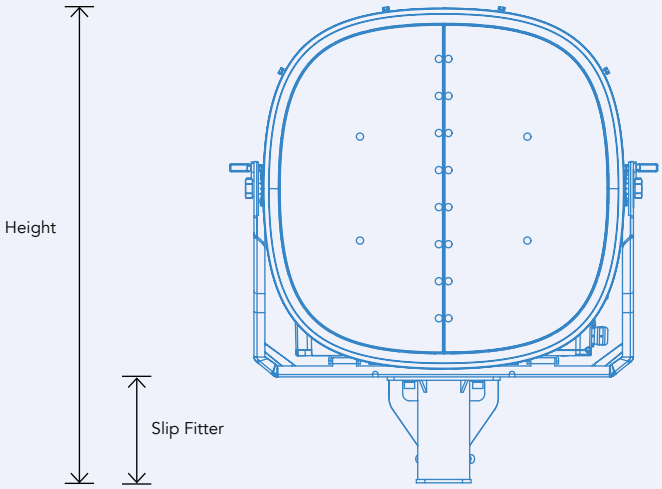
R3 WITH VISOR

Length: 38.1" (968 mm)
EPA: 1.7 (sq. ft.)
Weight: 67.7 lbs (28.2 kg)



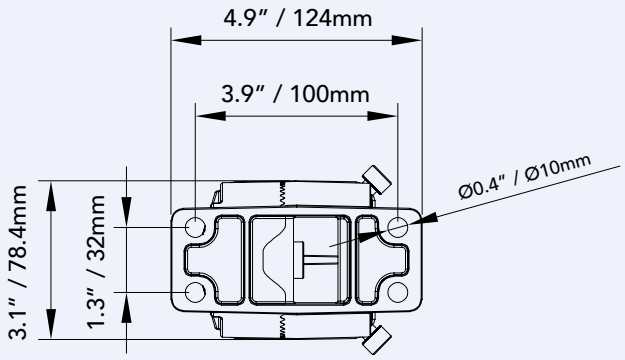
R3 WITH SLIP FITTER

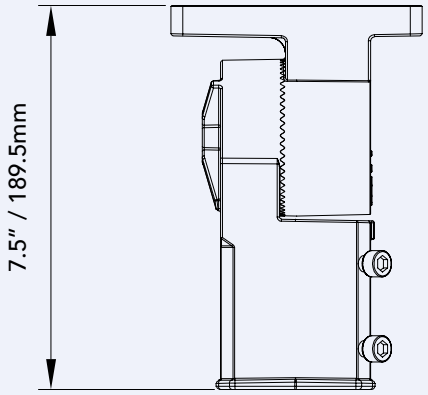
Height
w/ Slip Fitter: 27.4" (696 mm)
Slip Fitter: 6.1" (155 mm)
EPA: 1.2 (sq. ft.)
Weight: 73.6 lbs (30.9 kg)

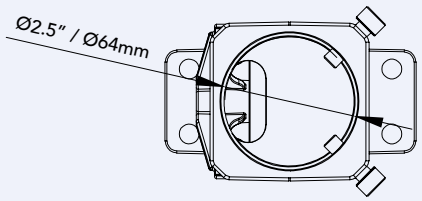


DIMENSIONS - ACCESSORIES

SLIP FITTER MOUNT FOR R1 & R2







SLIP FITTER MOUNT FOR R3

