

ORE LIGHTING

GMR3 Series Sports Light

APPLICATIONS

The GMR3 line from LED Sports Lighting stands out for its high performance, flexibility, and thoughtful design aimed at enhancing the sports and recreational lighting experience. Its features not only address common issues like glare and installation complexity but also embrace modern needs for wireless control and energy efficiency. This product has been designed with the user's needs and convenience in mind, emphasizing high performance, ease of installation, and versatility. Making it a compelling option for facilities looking to upgrade their lighting systems.



GMR3 500W & 600W



GMR3 850W & 1200W

UL Listing

Suitable for wet locations



ORDERING INFORMATION

EXAMPLE: GMR3 500 N4 57K BK UNV TB

Series	Watts	Distribution	CCT	Finish	Voltage	Mounting	Options
GMR3	500 - 500W	N3 = Nema 3 N4 = Nema 4	40K - 4000K	BK Black	UNV	TB Trunnion Mount (Default) TAP Tenon Adaptor for transform trunnion mount to a 2 3/8" tenon SBM Square beam mounting bracket to cross arm without drilling on the arm	LAS - Laser Aiming Guide BTV - Black Top Visor IWC - Synapse Wireless Lighting Control PBM - Power Box Mount Rail EC01 - Extension Cord Up to 164 ft
	600 - 600W		50K - 5000K		480V		
	850 - 850W		57K - 5700K		200-480V		
	1200 - 1200W						

Mounting Accessories



Tenon Adaptor



Plate



Square Beam Mounting Bracket



Power Box Mounting Rail

Accessories



Laser Aiming Guide



Black top visor



Synapse Wireless Control



Extension Cord Up to 164 ft

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SPECIFICATIONS

HOUSING

Sealed die-cast aluminum housing with heat-dissipating fins. Housing is completely sealed against moisture and environmental contaminants.

ELECTRICAL

Standard 120-277V / 200-480V input voltage
0 - 10V dimming available.

SURGE PROTECTION

Built in surge protector 10KV / 20KV

AMBINET TEMPERATURE

Suitable for use in -40°F to 122°F (-40°C to 50°C)

LIFESPAN

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

CCT & CRI

CCT available 4000K, 5000K and 5700K; CRI > 70+

LUMENS

Lumen package from 70,000 - 165,000 LM

EFFICACY

Up to 153 lumens per watt

EPA RATE

Small Size = 1.9
Large Size = 2.6

MOUNTING

Pole mounted and cross arm mounted.

FINISH

Polyester Powder finish for superior corrosion resistance and maximum durability.

OPTICS

Available in NEMA 3Hx3V and 4Hx4V distributions.
Custom-engineered optics direct light precisely while reducing glare. Maximizing efficiency and application spacing.

IP RATING

Ingress Protection rating of IP65 for dust and water

GREEN TECHNOLOGY

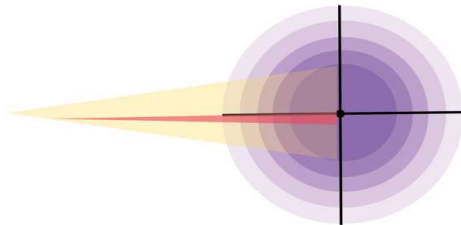
Mercury and UV-free. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals

WARRANTY

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

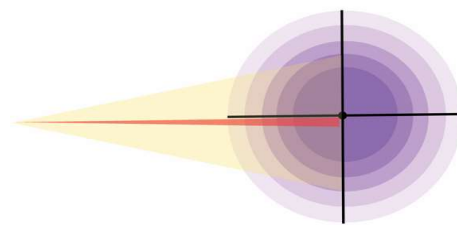
PHOTOMETRICS

NEMA 3 - 3H x 3V



The NEMA 3 is engineered to precisely control the light beam, ensuring efficient light distribution and minimizing light spillage. This results in uniform illumination and reduces glare and shadows on the playing field.

NEMA 4 - 4H x 4V

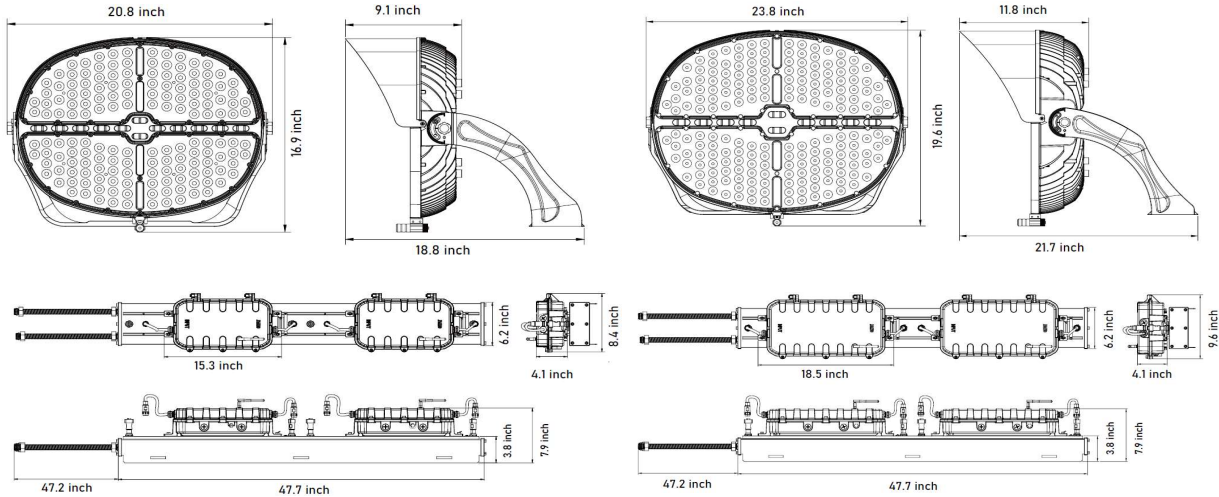


The NEMA 4 is a middle-range optic for spotlights and is suitable for sports lighting projects. It has a larger spread than the previous light; however, it doesn't push the light quite as far and has a more even spread when put on a surface.

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DIMENSIONS

With Remote Driver Box



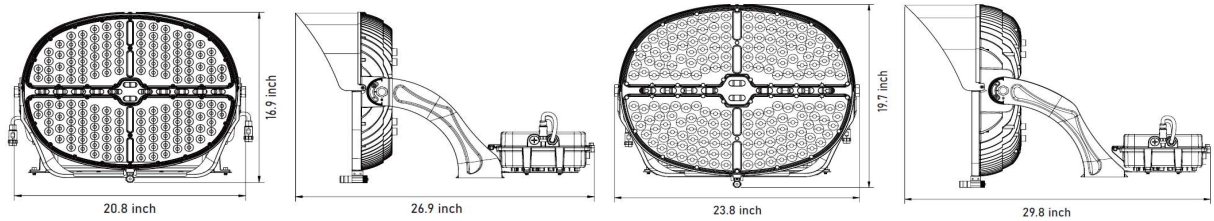
GMR3 500W & 600W

Small Size
WEIGHT: 32 lbs
EPA: 1.9

GMR3 850W & 1200W

Large Size
WEIGHT: 49 lbs
EPA: 2.6

With Driver Box Attached



GMR3 500W & 600W

Small Size
WEIGHT: 36 lbs
EPA: 1.9

GMR3 850W & 1200W

Large Size
WEIGHT: 53 lbs
EPA: 2.6



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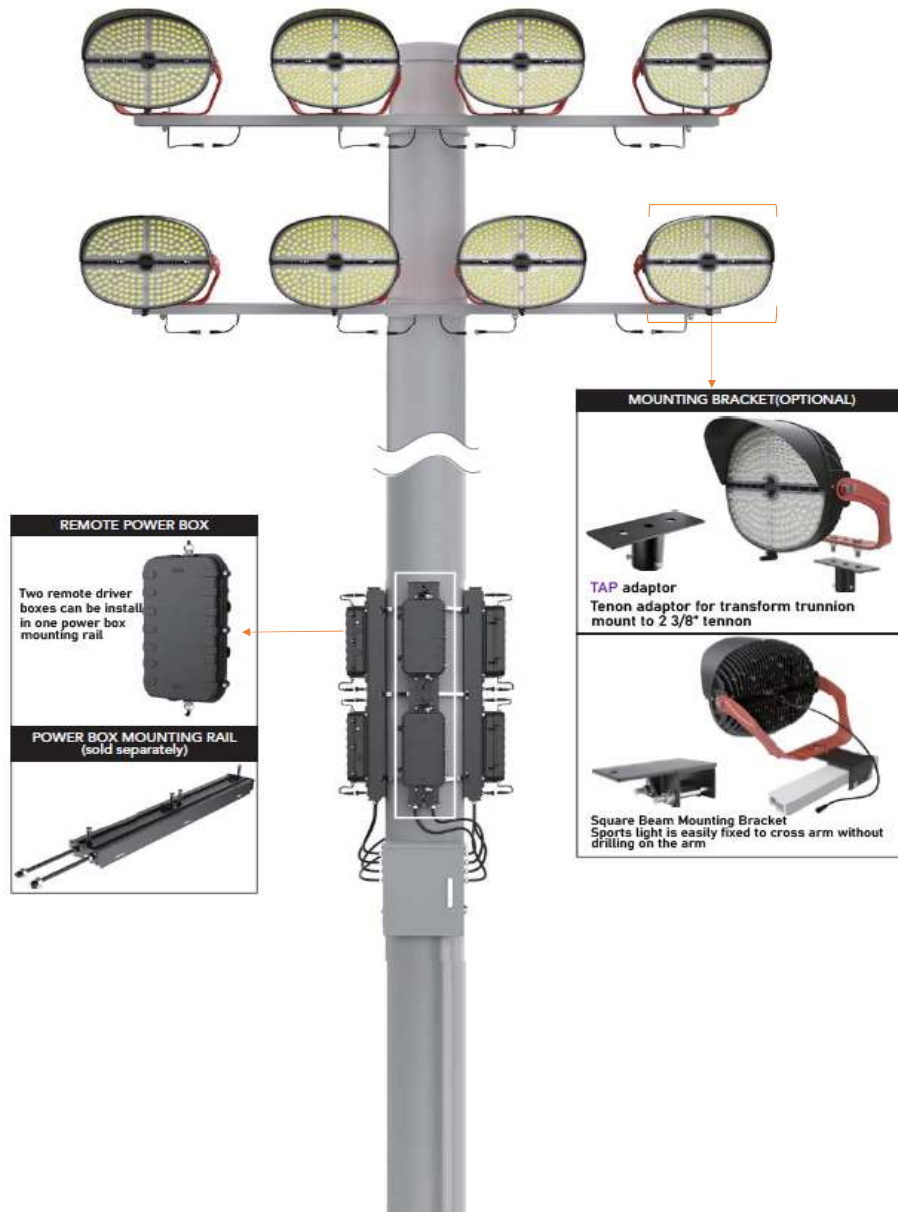
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Remote Driver Box (optional)

The GMR3 supports remote installation of the drive power - simple installation, access and maintenance of the equipment can be met by placing the drive power of the fixture at the bottom of the pole by using a fixture and extension power cord (sold separately).



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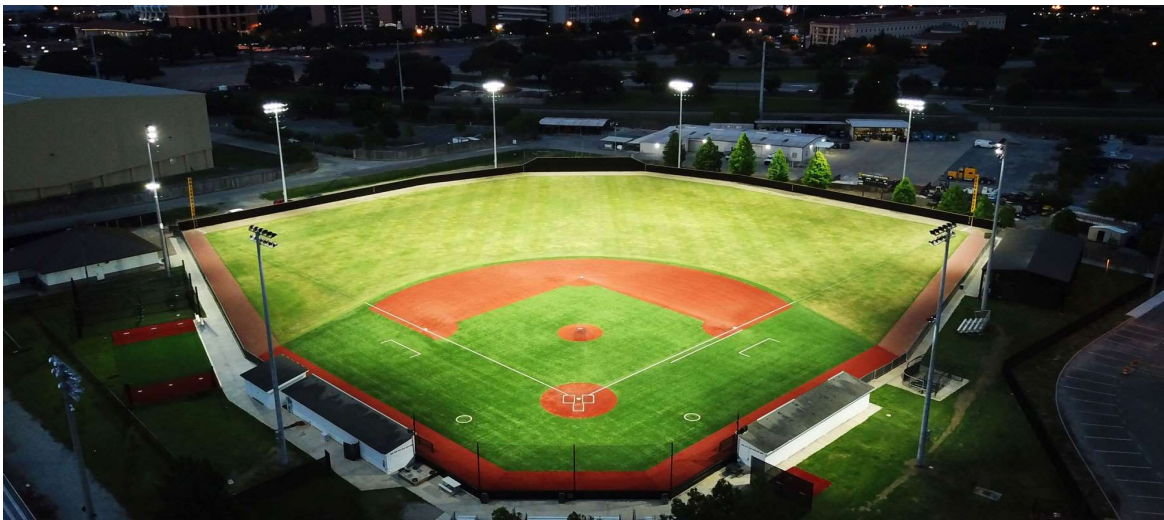
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Driver Box Attached (optional)

GMR3 with separate power can be installed on the top of the light pole as a whole unit, which is simple and fast way, without additional labor costs to install the driver. It is also beneficial to reduce the power consumption of fixtures caused by remote wiring, save energy and improve efficiency.



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PERFORMANCE DATA

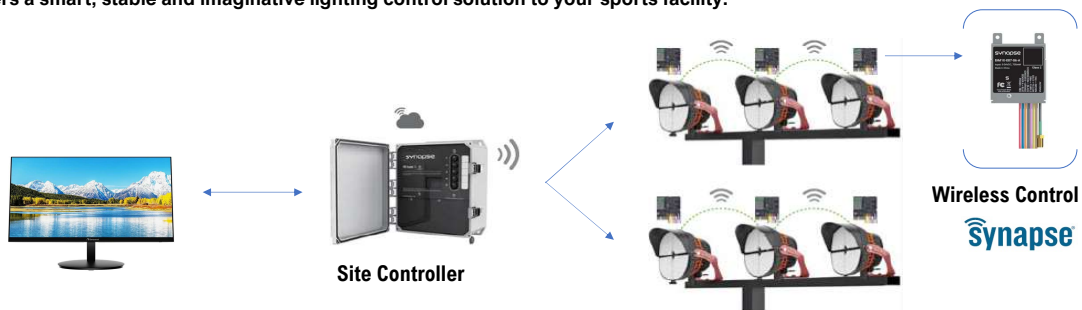
PART NUMBER	WATTAGE	NEMA	VOLTAGE	4000K		5000K		5700K	
				LUMENS	LPW	LUMENS	LPS	LUMENS	LPW
GMR3 (Small Size)	500W	3Hx3V	120-277V	70,003	140 lm/W	70,003	140 lm/W	70,000	138 lm/W
		4Hx4V		70,024	140 lm/W	70,024	140 lm/W	70,029	138 lm/W
GMR3 (Small Size)	600W	3Hx3V	200-480V	92,004	153 lm/W	92,004	153 lm/W	90,000	150 lm/W
		4Hx4V		92,005	153 lm/W	92,005	153 lm/W	90,000	150 lm/W
GMR3 (Large Size)	850W	3Hx3V	200-480V	120,005	141 lm/W	120,005	141 lm/W	116,975	138 lm/W
		4Hx4V		120,005	141 lm/W	120,005	141 lm/W	116,975	138 lm/W
GMR3 (Large Size)	1200W	3Hx3V	200-480V	165,012	139 lm/W	165,012	139 lm/W	164,007	138 lm/W
		4Hx4V		165,013	139 lm/W	165,013	135 lm/W	164,007	138 lm/W

ELECTRICAL LOAD

WATTAGE	Current (A)					
	120V	208V	240V	277V	347V	480V
500W	4.17	2.41	2.08	1.81	N/A	N/A
600W	N/A	2.88	2.50	2.16	1.73	1.25
850W	N/A	4.09	3.54	3.07	2.44	1.77
1200W	N/A	5.77	5.00	4.33	3.46	2.50

INTEGRATED CONTROLS

The fixture is compatible with Synapse™ wireless control system, including RGB sports lighting. It offers a smart, stable and imaginative lighting control solution to your sports facility.



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