JSLP-M03 SERIES

SPORTS LIGHTING

LARGE SIZE
850W & 1200W

SMALL SIZE
500W & 600W

PRODUCT DESCRIPTION

JSLP-M03 series is a powerful stadium light designed with Remote Power System. This Remote Power System not only makes the fixture easy to install, greatly improves the flexibility of on-site installation, but also simplifies the driver maintenance operation steps to the greatest extent, eliminating the cost to take the bucket or crane basket equipment for maintenance. Precision engineered optics provide excellent high output and high efficiency, making them ideal solutions for municipal, school and semi-professional outdoor sports lighting.

FEATURES

Construction

- Sealed die-casting profile for outdoor applications
- Low profile, compact design minimizes wind load requirements
- Housing is completely sealed against moisture and environmental contaminants (IP65)

Optics

- Available in NEMA 2x2, 3x3, 4x4, 5x5 and 6x6 distributions
- Light engines are available in standard 4000K, 5000K and 5700K
- 70 / 80 / 90 CRI configurations
- Scalable Lumen Packages from 72,000 to 160,000 Lumens
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing

Electrical

- Input Voltage: CC 120-277VAC/347VAC/480VAC Internal driver
- Standard with 0-10V dimming driver(s)
- Built in surge suppression with max 40KV
- THD: ≤20%
- Power Factor: ≥90%
- Ambient operating temperature -40˚C to 50˚C (-40˚F to 122˚F)
- Estimated 100,000 Hrs LED lifespan - based on IES LM-80 and TM-21
- Wet location listed / IP65 Rated

Controls Options

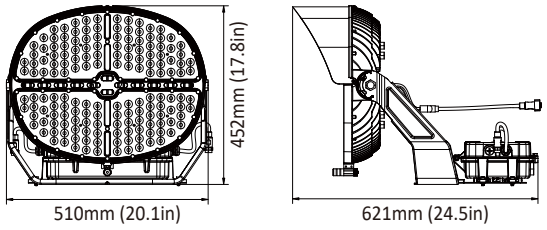
- Additional Driver Options: D4i (Dali) / DMX
- Synapse DLC Listed Wireless Control
- Additional DLC listed NLC Controls Options: Casambi / Bubblynet / Silvair

SPECIFICATIONS

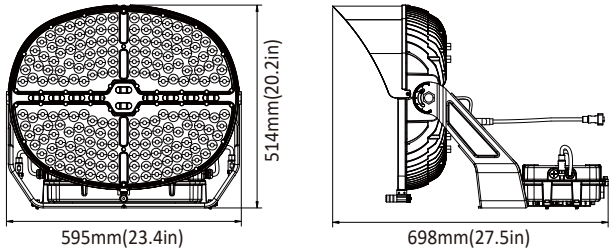
Input Power	**Small size:** 600W / 500W **Large size:** 1200W / 850W
Efficiency	133 lm/W to 152 lm/W
CCT	4000K / 5000K / 5700K
Input Voltage	CC 120-277VAC / 347VAC / 480VAC Internal driver
Dimming Type Options	0-10V Dimming / Fast Dimming
Ingress Protection	IP65
CRI	70 CRI / 80 CRI / 90 CRI
Lifetime Bases on TM21	LM80 @ 100,000 Hrs
Certifications & Compliance	Wet Location
Warranty	5 Yr. Standard / 10 Yr. & 15 Yr. Optional

PRODUCT DIMENSIONS

SMALL SIZE: 500W & 600W



LARGE SIZE: 850W & 1200W



JADEMAR LIGHTING

Quotations: quotes@jademar.com
To place an order: orders@jademar.com
Tel: (305) 640.0465 | Fax: (305) 640.0468
WWW.JADEMAR.COM

SPECIFICATION SUBMITTAL DETAIL

PROJECT NAME:	
MODEL NUMBER:	
DATE:	

JSLP-M03 SERIES LED SPORTS LIGHTING

ORDERING INFORMATION / Example: JSLP-M03-500W-H-50K-15D-SYNC-BK-BK-TR

JSLP-M03 - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Product Series	Wattage	Input Voltage	CCT	Optic Options	CRI	Dimming/Driver Options	Controls Options	Visor Color Options
JSLP-M03	500W	Blank 120-277VAC	57K 5700K (Standard)	B33 3Hx3V	Blank 70 CRI (Standard)	Blank 0-10V Dimming (Standard)	SYNC Synapse DLC Listed Wireless Control	BK Black Finish
		H 347-480VAC	40K 4000K	B44 4Hx4V	80 80 CRI	DMX DMX Driver	CB-NLC-FC-EXA Casambi	CC Custom Color Replace the "CC" with RAL#xxxx*
	600W	H 200-480VAC	50K 5000K	B55 5Hx5V2*	90 90 CRI	D4i Dali	SR-NLC-FC-EXA Silvair	
	850W			B66 6Hx6V2*			BN-NLC-FC-EXA BubblyNet	
	1200W			B22 2Hx2V				
				B33 3Hx3V				
				B44 4Hx4V				
				B55 5Hx5V2*				
				B66 6Hx6V2*				

*Special Order, may cost more and may come extend lead times

*Will be coming soon

[ ] - TR - [ ]

Housing Color Options	Mounting	Other Options
BK Black Finish (standard)	TR Trunnion Mount	Blank 3ft 120-277V Power Cord / 10KV surge protector
SV Silver*		JSLP-M08-ALP Aiming Laser Pointer
CC Custom Color Replace the "CC" with RAL#xxxx*		PWCx-yy Additional Power Cord Length, 120-480V) * "x" for the desired length and "yy" for cord color

*Special Order

*See price book for ordering details

FIELD INSTALLED OPTIONS

JSLP-M03-SF	Trunnion to Slip fitter adaptor option - mounts on the trunnion
JSLP-M03-SBMB	Square beam mounting bracket
JSLP-M03-PWCIP68-164	IP68 Rated screw in linkable power cord - Max length 164FT
JSLP-M03-GCS	Glare control shield
JSLP-M03-PBMR	Remote driver mounting rail
JSLP-M03-LP	Laser pointer

Black Top Visor

Aiming Laser Pointer

Yoke Adaptor (Optional)

Square Beam Mounting Bracket (sold separately)

Extension Cord Up to 164' (50m)

Power Box Mounting Rail (sold separately)

Glare Control Shield (Optional for large size)

Integrated Control (Option)

LUMEN PERFORMANCE

MODEL NUMBER	VOLTAGE	NEMA	EPA	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
JSLP-M03-500W	120-277V / 347-480V	4Hx4V	1.8911	70	70000lm	140 lm/W	70000lm	140 lm/W	68000lm	136 lm/W
		3Hx3V	1.8911	70	70000lm	140 lm/W	70000lm	140 lm/W	68000lm	136 lm/W
JSLP-M03-600W	200-480V	4Hx4V	1.8911	70	92000lm	153 lm/W	92000lm	153 lm/W	90000lm	150 lm/W
		3Hx3V	1.8911	70	92000lm	153 lm/W	92000lm	153 lm/W	90000lm	150 lm/W
JSLP-M03-850W	200-480V	4Hx4V	2.5471	70	120000lm	141 lm/W	120000lm	141 lm/W	115000lm	135 lm/W
		3Hx3V	2.5471	70	120000lm	141 lm/W	120000lm	141 lm/W	115000lm	135 lm/W
JSLP-M03-1200W	200-480V	3Hx3V	2.5471	70	165000lm	138 lm/W	165000lm	138 lm/W	160000lm	133 lm/W
		2Hx2V	2.5471	70	165000lm	138 lm/W	165000lm	138 lm/W	160000lm	133 lm/W
		4Hx4V	2.5471	70	165000lm	138 lm/W	165000lm	138 lm/W	160000lm	133 lm/W

Ambient Working Temp.	-40°F to 122°F (-40°C to 50°C)
Ingress Protection (IP)	IP65
Construction	Sealed die-casting profile for outdoor applications
Certifications	Wet Location Listed
Lifetime Based on TM21	L80 ≥100,000 Hrs
Limited Warranty	5 Year Standard / 10 Year & 15 Year Optional

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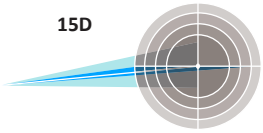
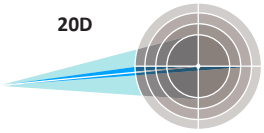
ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1350	500	120	4.17
		500	208	2.4
		500	240	2.08
		500	277	1.81
		500	347	1.44
		500	480	1.04
1	1250	600	208	2.88
		600	240	2.5
		600	277	2.17
		600	347	1.73
		600	480	1.25
1	2750	850	208	4.09
		850	240	3.54
		850	277	3.07
		850	347	2.45
		850	480	1.77
1	4000	1200	208	5.77
		1200	240	5
		1200	277	4.33
		1200	347	3.46
		1200	480	2.5

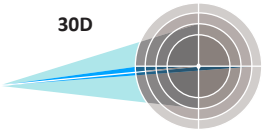
PHOTOMETRY



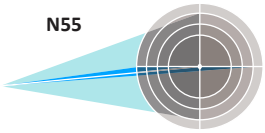
22 Beam Angle 15.1



33 Beam Angle 19.9



44 Beam Angle 29.4



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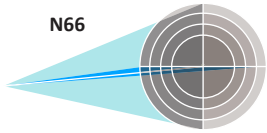

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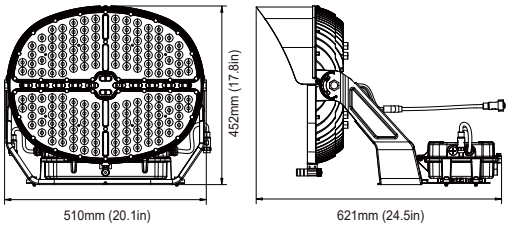
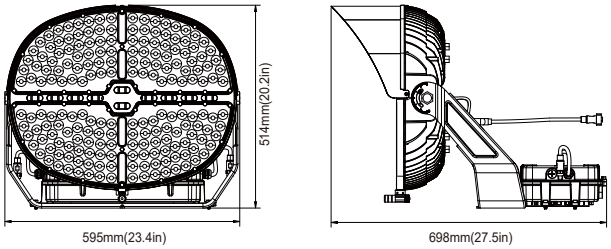
DIMENSIONS

With Power Box Attached

Small Size: 500W & 600W

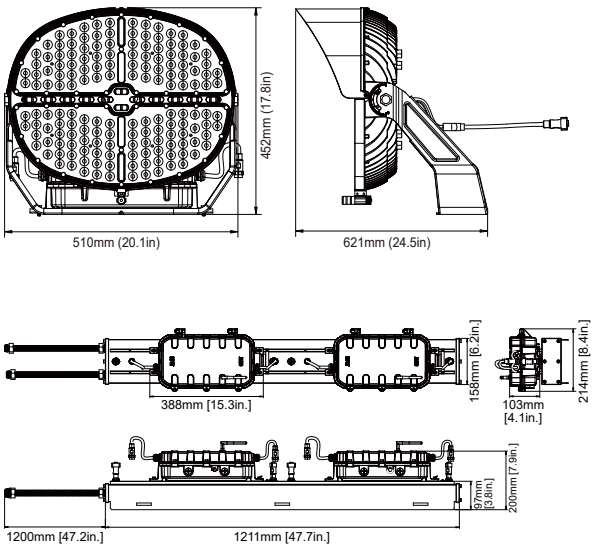


Large Size: 850W & 1200W

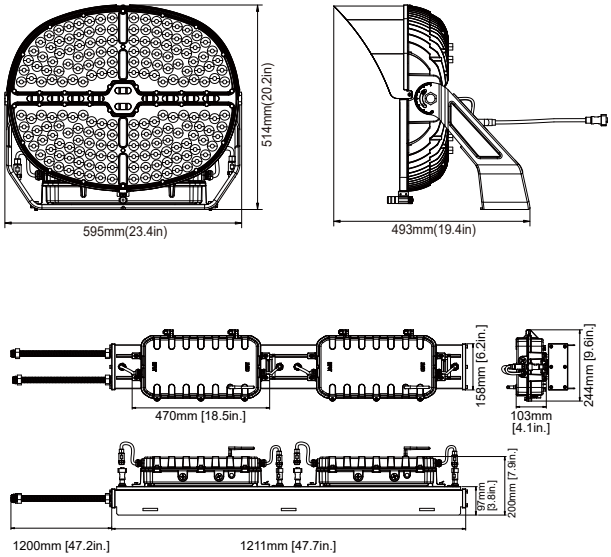


With Remote Power Box

Small Size: 500W & 600W

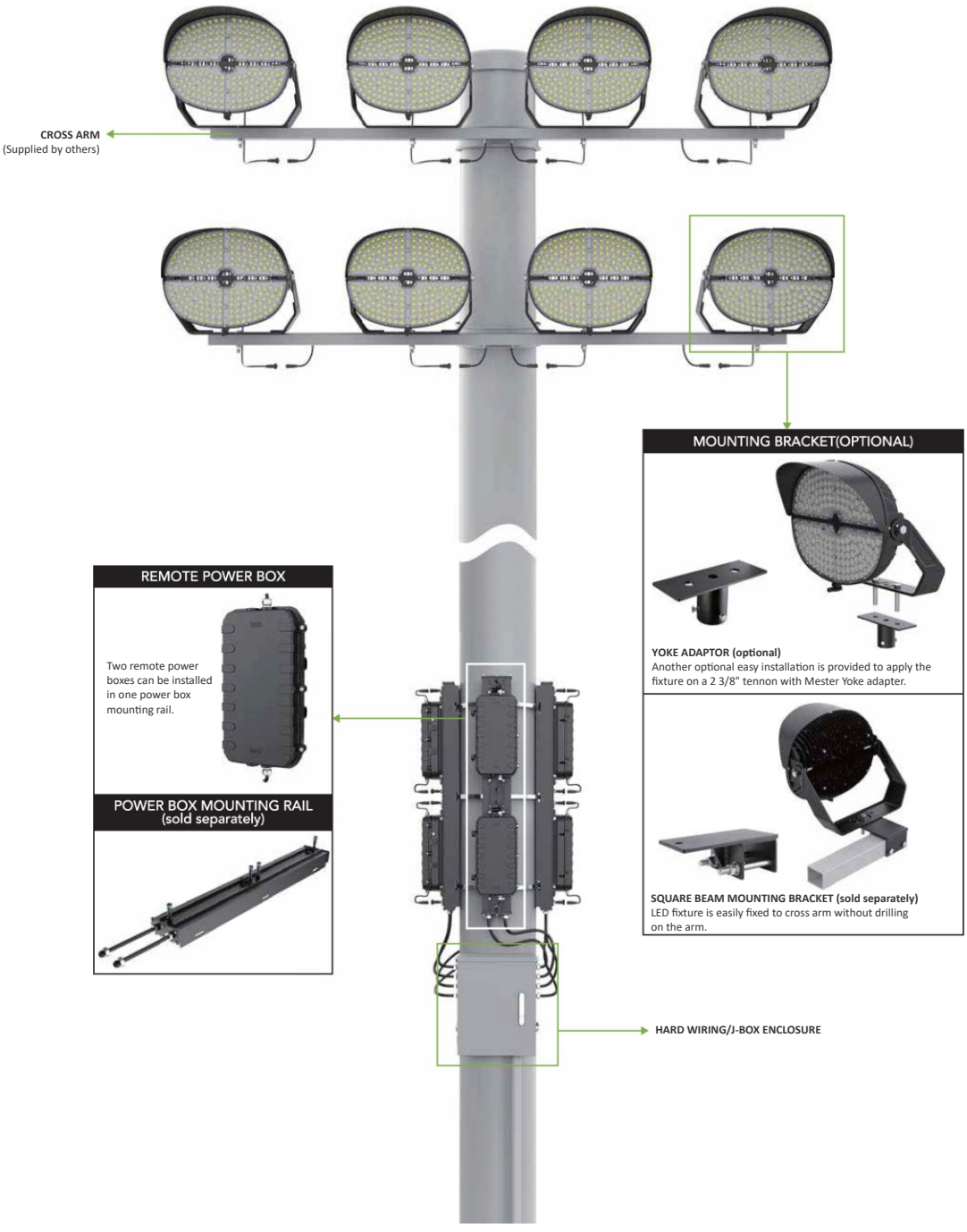


Large Size: 850W & 1200W



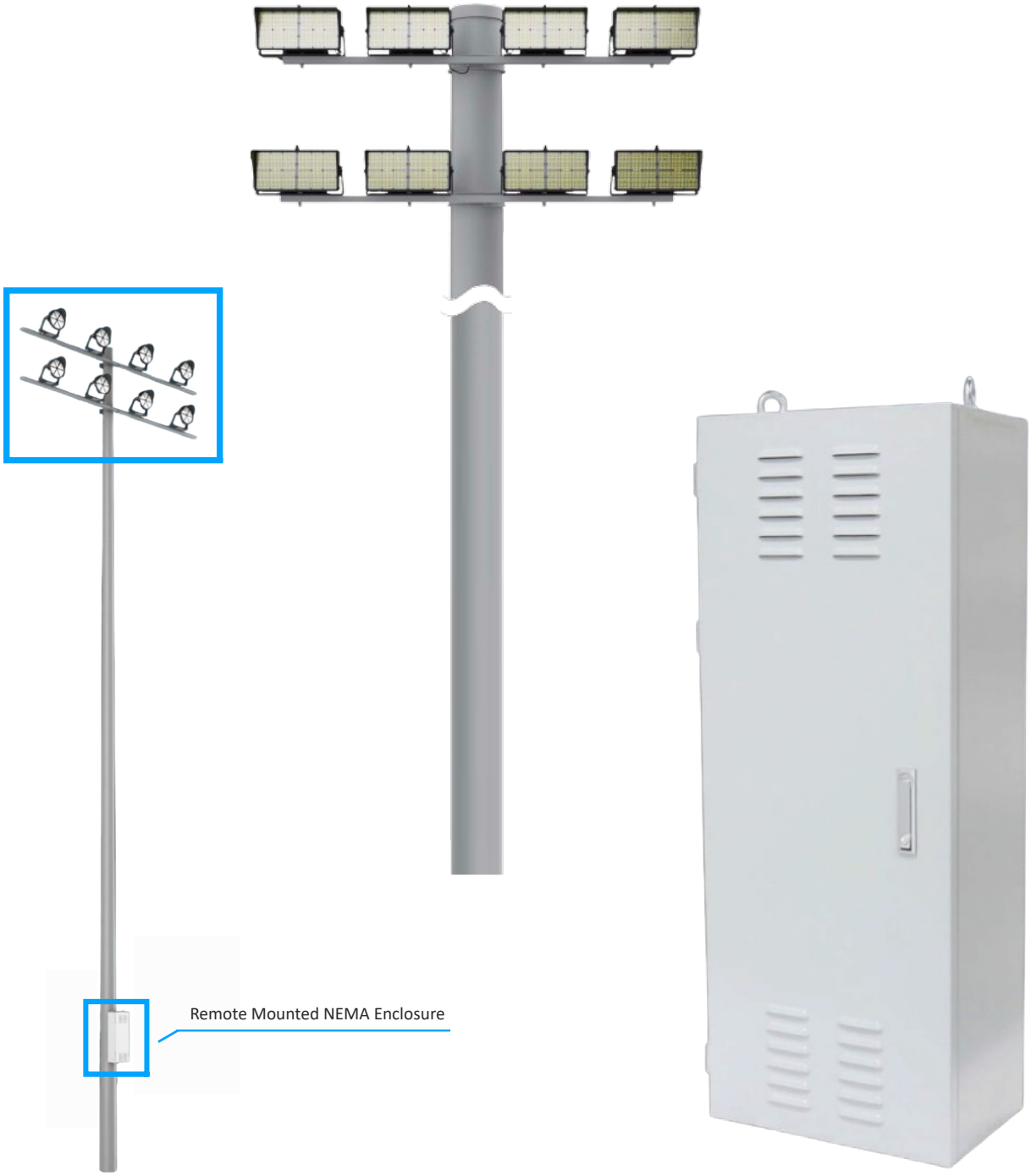
REMOTE POWER BOX (OPTIONAL)

The JSLP-M03 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).



REMOTE DRIVER SOLUTION WITH NEMA ENCLOSURE (OPTIONAL)

The **JSLP-M03** Sports Lighting luminaire supports remove driver option with NEMA enclosure - simple installation ,easy to access maintenance of the equipment can be met by placing the driver and lighting controls system inside the enclosure.

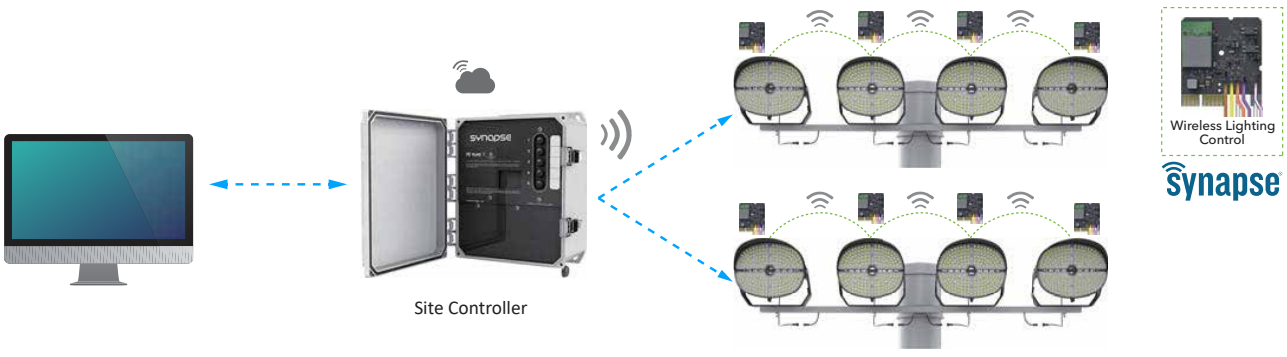


POWER BOX ATTACHED (OPTIONAL)

The fixture 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.

INTEGRATED CONTROLS

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



SPORTS LIGHTING LUMINAIRE — FIELD TECHNICIAN & CUSTOMER GUIDE

Before requesting driver or fixture replacements, field technicians and customers must complete the following verification steps:

STEP 1 Identify Control System Configuration

Is the fixture equipped with Synapse Wireless Controls?

If yes, the luminaire communicates through a wireless mesh network. A full system diagnostic must be performed through Synapse prior to any hardware replacement requests.

Is the fixture equipped with D4i?

If yes, the luminaire supports two-way DALI communication. Verify driver-level data and fault reporting through the D4i interface before proceeding.

Was a Cloud Service included in the order?

If yes, remote diagnostics and system health monitoring are available through the cloud portal. Access the dashboard to review fault logs and performance data before dispatching a technician or submitting a replacement request.

STEP 2 Contact Jademar Technical Support Before Disconnecting Any Hardware (If the commissioning and cloud services purchased from Jademar)

Before disconnecting any drivers or Synapse controllers, contact Jademar Technical Support. Disconnecting components prematurely may interrupt diagnostics and void troubleshooting data.

If the fixture is equipped with Synapse Wireless Controls, contact **Jademar** Technical Support to perform a full system diagnostic before requesting driver or fixture replacements. This step is required to rule out communication or configuration issues.

Jademar Technical Support

Bruno Dos Santos
ts@jademar.com
Tel: 305-640-0465 → Ext. 115
Hours: Monday–Friday, 8:30 AM – 5:00 PM EST

STEP 3 Contact Synapse for Wireless Diagnostics (if applicable) (If the commissioning and cloud services purchased from Synapse directly)

If the fixture is equipped with Synapse Wireless Controls, contact **Synapse** Technical Support to perform a full system diagnostic before requesting driver or fixture replacements. This step is required to rule out communication or configuration issues.

Synapse Technical Support

support@synapsewireless.com
Toll-Free: 877-982-7888 → Press 6 for Technical Support
Emailing will automatically open a support ticket.

Completing this checklist helps avoid unnecessary hardware replacements and ensures faster resolution times.

Release date: 5.14.2026

When lights are not responding to commands from a SimplySnap system, there could be multiple reasons. This guide provides a quick list of the most common issues and the associated troubleshooting steps to resolve them.

Symptom #1 – One or more lights are stuck OFF and not responding

When a light is stuck off and unresponsive to commands from a SimplySnap system, that most commonly indicates the light is not receiving power. When multiple lights are stuck off and unresponsive, it's an even greater probability that power to the lights has been removed.

Step 1 – Confirm Power

Check any associated circuits, fuses and breaker panels to confirm there are no obvious power issues. If power appears to be flowing properly, but lights are stuck off, attempt to remove power from the lights, leave them off for at least 30 seconds and then power them back on. If power is making it to the lights, they should default to 100% brightness after a power cycle.

Step 2 – Try power-cycling

If lights remain stuck off after being power-cycled, power to the individual fixtures may need to be checked. Consult the manufacturer of the light or an electrician to determine whether or not it's acceptable to dismantle a light to verify any internal power issues. Some manufacturers may prefer to have fixtures sent in for repairs or replaced, as opposed to having repairs completed in the field.

Symptom #2 – One or more lights are stuck ON and not responding

A light stuck ON could indicate a commissioning issue, a wireless communication issue or a component failure.

Step 1 – Check for a Device Communication Alarm

Login to the site controller and verify whether or not the light in question has caused the site controller to generate an alarm. If a light is commissioned, but has stopped responding wirelessly, SimplySnap will generate a Device Communication Failure alarm, visible on the Alarms page in the SimplySnap user interface:

The alarm will indicate the name of the light, the MAC address for the light and the specific time the light communication was lost. The SimplySnap site controller will re-check for wireless communication from each commissioned light every 15 minutes, and will automatically clear this alarm when the applicable light responds.

Step 2A - Device Communication Failure Alarm IS Present

If a light is stuck ON, and a Device Communication Failure alarm IS present in SimplySnap, that could indicate:

1) An antenna on the light has come loose. If the wireless lighting controller inside the fixture requires an external antenna, but the antenna somehow becomes disconnected, the light controller may not be able to respond to the site controller and would default to on when powered. The antenna connection on the fixture would need to be physically checked to confirm this symptom.
2) There could be a wiring issue inside the light. If the Synapse controller is no longer receiving power, the site controller will generate a Device Communication alarm. Contact the manufacturer of the lighting fixture or a local electrician in this case to determine if further field troubleshooting can be done or if the light will need to be returned to the manufacturer for repair or replacement.

Step 2B - Device Communication Failure Alarm is NOT Present

If a light is stuck ON, but a Device Communication Failure alarm is NOT present in SimplySnap, that could indicate:

1) The light in question has never been commissioned. Is this a new light that was added after the initial commissioning? If so, the light will need to be commissioned before it can be controlled. Contact the group that commissioned the original lights if additional commissioning assistance is required.
2) The light was accidentally deleted from the site controller. If this happens, the light will need to be re-commissioned in order to be controlled. Often, running a Census from the Devices>Census page in SimplySnap will locate the missing light and allow it to be added back to the site controller. Contact the group that commissioned the original lights if additional commissioning assistance is required.
3) There could be a wiring issue inside the light. If the Synapse controller is still properly powered and communicating wirelessly, the site controller will not generate a Device Communication alarm, but if the light is not responding to dimming, on or off commands, it's possible the wiring between the wireless controller and the LED driver inside the fixture has failed or come loose. Contact the manufacturer of the lighting fixture or a local electrician in this case to determine if further field troubleshooting can be done or if the light will need to be returned to the manufacturer for repair or replacement.