# FOR THE CONTRACTOR



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## INTRODUCTION TO SPORTSBEAMS

Thank you for choosing Sportsbeams —The finest sports lighting fixtures available.

We designed our fixtures for easy installation and usage. Please read this manual thoroughly before attempting installation and operation.

## SERVICE AND SUPPORT

We know that each installation is unique and can present challenges that are not addressed in this general manual. We have trained personnel available to provide advice and support. If you have any questions, please contact us at:

## WWW.SPORTSBEAMS.COM

1.888.905.6680

For installation videos, diagrams, questions and more information, please go to:

#### www.sportsbeams.com/installation.html

Sportsbeams® is a registered trademark of Sportsbeams Lighting, Inc.

MODELS: SB350-S600-S900-S1500-B-C-D-E INPUT: 176 ~ 305VAC (480V OPT)

Sportsbeams fixtures are certified to be in compliance with













SUITABLE FOR WET LOCATIONS CONVIENT AUX EMPLACEMENTS MOUILLÉS

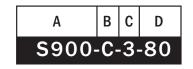
WARNING - RISK OF FIRE OR ELECTRIC SHOCK

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received. including interference that may cause undesired operation.

Please visit www.sportsbeams.com for a complete listing of certifications for each fixture.

## MODEL NOMENCLATURE

Α	В	С	D
MODEL	LED TYPE	NEMA	CRI
S900		2	70
	М	3	80
		4	90
		5	
		6	



**EXAMPLE MODEL NUMBER** 

SPORTSBEAMS LIGHTING, INC.

Sportsbeams.com ©2023 Sportsbeams, Inc.

Designed by Sportsbeams. Made in China.

Visit www.snortsheams.com for more

Sportsbeams products.

information about this and other quality

## **GENERAL SAFETY WARNINGS**



Please call Sportsbeams Customer Service at 888.905.6680 for any questions or concerns.

# **⚠** WARNING **⚠**



- 1. All electrical work must conform to the National Electric Code (NEC) and all applicable local codes and ordinances.
- 2. Sportsbeams lighting should only be installed by qualified personnel. Please ensure that you have verified the safety of any existing power distribution systems before beginning installation. Failure to follow Operating Instructions may lead to death, Severe Injury, or Property Damage.

# **▲** WARNING **▲**



Turn off power before performing any electrical or control work. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

DO NOT make or alter any open holes in the luminaire. Do not modify the luminaire.

# **▲** WARNING **▲**



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vests, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

NEVER Risk eye injury! Eye protection is required at all times during the installation, operation, and maintenance of the luminaire. The high intensity light produced by the luminaire can cause severe damage to the eye if viewed directly at close range. Avoid being in front of a luminaire that is on or wear suitable light blocking protective eyewear such as welding goggles. Store luminaires in a clean, dry place, protected from dirt, water, and sunlight.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS



# **SITE POWER DISTRIBUTION**

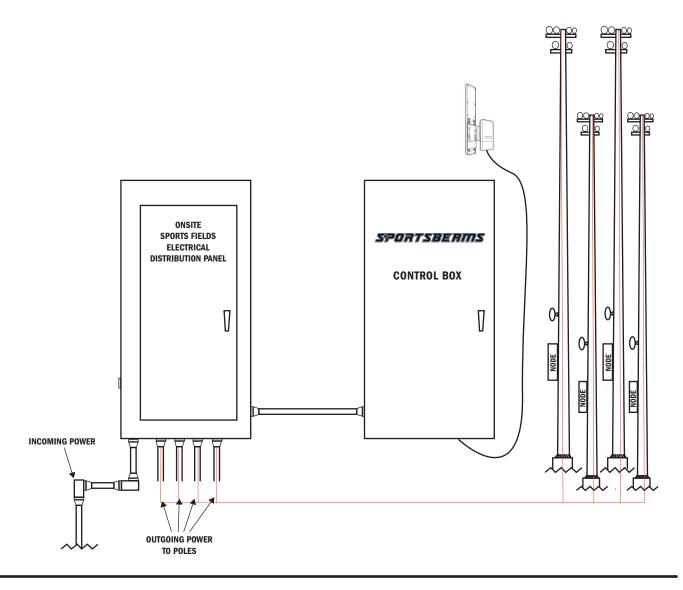
## **Overview:**

Sportsbeams can provide a proposed panel summary that calculates the total electrical load for a field or entire site and provides a recommended breaker size per circuit.

Power from each circuit should be delivered to the power distribution box mounted on a pole or at a specific location. Each fixture is then wired to individual breakers inside power distribution control box provided by Sportsbeams.

## Note:

Setting up network services for lighting control is beyond the scope of this user manual. This service is typically performed by Sportsbeams during final lighting commissioning. For more information, please visit our website.



# **POWER REQUIREMENTS**

Sportsbeams fixtures always include a driver. While it's possible that another driver may work with our fixture, using any driver besides the one specifically designed and engineered by Sportsbeams will VOID THE WARRANTY on this fixture.

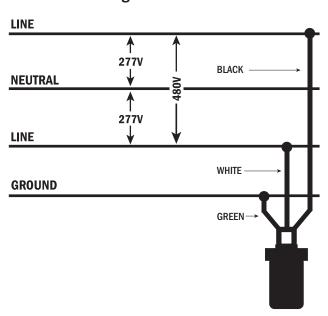
# **▲** WARNING **▲**

Failure to wire your fixture properly as suggested below can cause permanent damage to the fixture and/or can cause physical harm and even death. Installation should only be performed by a qualified electrician. Please ensure that each fixture is properly grounded. Each fixture must have its own dedicated grounding wire.

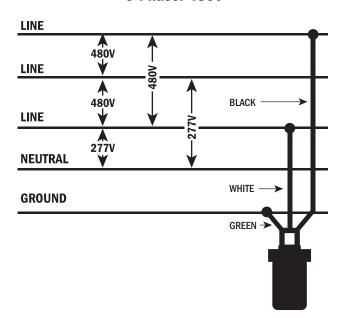
MINIMUM FUSE RATINGS			
CIRCUIT VOLTAGE (VAC)	MINIMUM FUSE RATING (AMPS)		
110	5		
240	4		
277	4		
480	3		

POWER SUPPLY REQUIREMENTS			
FIXTURES WATTS INPUT DC OUTPUT			
1	900	176 ~ 305V (OPT 480V)	48V to 50V





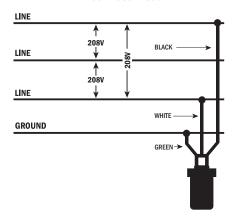
3-Phase: 480V



# **A** WARNING **A**

Failure to wire your fixture properly as suggested below can cause permanent damage to the fixture and/or can cause physical harm and even death. Installation should only be performed by a qualified electrician.

Three-Phase: 208V



Single-Phase: 277V

LINE

277V

NEUTRAL

277V

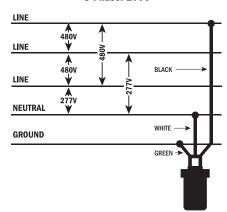
LINE

GROUND

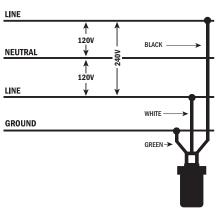
GREEN

GREEN

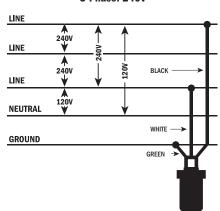
3-Phase: 277V



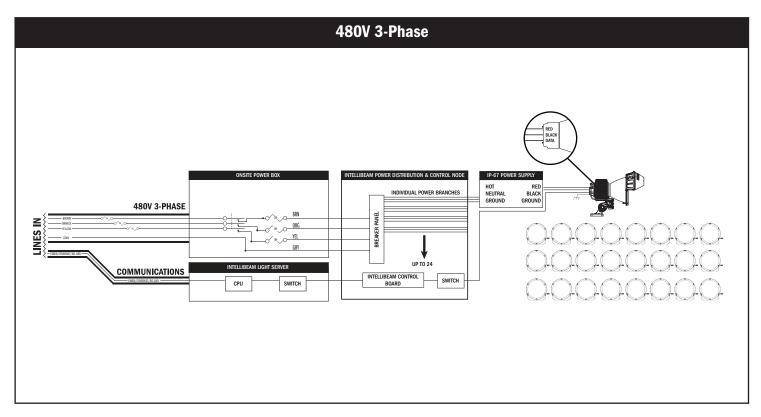
Single-Phase: 240V

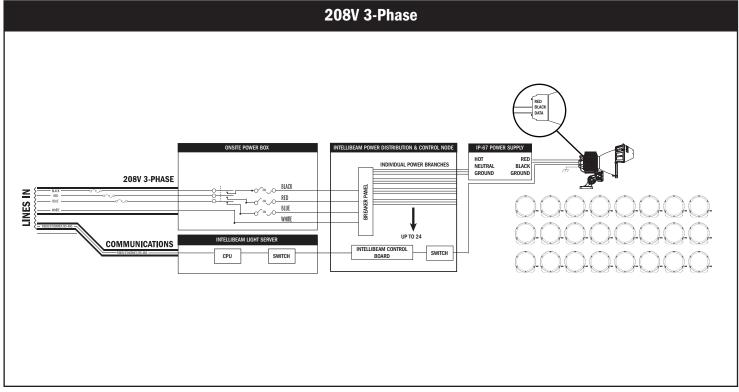


3-Phase: 240V









# INSTALLING THE POLES





The poles will arrive on site in a container.

They should be pulled out part-way with a fork lift and then pulled out the rest of the way with second fork lift. PLEASE NOTE: Containers cannot be dropped on site and will need to be unloaded upon arrival.





Mark the position on the ground where the pole is to be installed. Clean the surrounding area, ensuring that it is free from any debris that might interfere with installation.

Dig the marked position with an auger crane. The depth and width of the excavation must be decided at the design stage according to the steel foundation specifications.



Lift from the top of the steel foundation. Position the steel pole over the excavated hole and insert it slowly until the pole base reaches the bottom of the hole.

#### **WARNING!**

Ensure that the position of the box mounts are pointed away from the field of play and that the pole is aimed in the proper direction according to the lighting design. If the foundation is aimed incorrectly, the cross arms and lighting fixtures will not be able to be mounted and aimed properly.





Fix the foundation in place by inserting three wooden triangular wedges. Each wedge should be 120 degrees apart.

Use two levels, one on each side of the pole, to ensure the pole is straight. Use the wedge to hold the pole in place.

# INSTALLING THE POLES













Fill the excavation around the foundation with mortar up to the level just below the wire acces hole on the side of the foundation. The inside of the steel pipe foundation should not be filled.

After completing all wiring according to the site requirements, fill the last part of the foundation with concrete to the top of the black bitumen coating.

If anchor bolts are used, pre-pour concrete base according to the engineering drawings. Ensure anchor bolts are installed correctly with the correct side facing the field.

Align the sections in preparation for assembly. If connecting the pole sections on the ground, use two winches to pull the pieces together. PLEASE NOTE: Minimum overlap is 1.5X the larger diameter of both pole sections.

After all fixtures and wiring has been installed, lift the pole into place. This can be accomplished by lifting the pole by a hook at 1/3 up from the bottom of the pole. Use a nylon strap rated at 3 tons or higher.

Lower the pole onto the top plate of the steel foundation. Connect the pole and the top plate with bolts.

WARNING: Ensure that the wires do not get trapped between the bolted surfaces.

# SPORTSBERMS ATTACHING THE FIXTURE

Sportsbeams fixtures can be mounted on top of a mounting structure or underneath. The mounting structure may be a light pole cross arm, an indoor catwalk bracket, or other structural component that will hold the fixture firmly in place and ensure enough clearance to adjust fixture for the correct beam angle. This fixture is designed to be mounted and aimed in accordance to a proper light design to ensure consistant light coverage.

# WARNING **A**

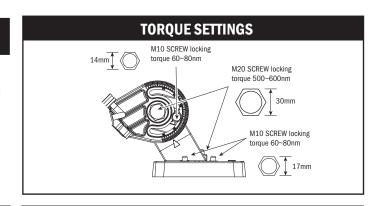
It is the responsibility of the installer to verify that all proposed mounting structures including poles, cross arms, catwalk brackets, and other mounting structures are certified to support the weight of the fixture, withstand wind loads, and meet all other applicable codes and regulations. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

Do not suspend any fixture by electrical or control wires, as these will not support the weight of the fixture, resulting in the potential for the fixture to fall and cause damage or injury. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.



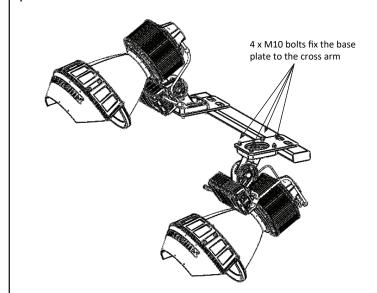
# **▲** WARNING **▲**

An impact driver may be used on mounting hardware while the power is off, but vibration caused by power tools may damage the fixture. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO FIXTURE INTERNAL DAMAGE AND FAILURE.



## ATTACHING FIXTURES

Fixtures mount to our custom poles or provided adapter plates via four M10 bolts.



## **HARDWARE PROVIDED**

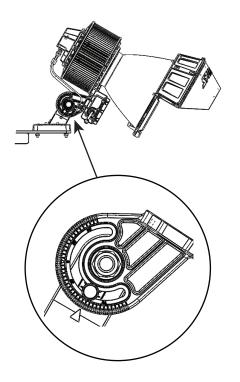
Each fixture will contain the following hardware:

QТΥ	DESCRIPTION	PICTURE
4	COURSE THREAD BOLTS	
4	M10 FLAT WASHER	
4	M10 SPRING LOCK WASHER	
4	M10 HEX NUT	
1	SAFETY CABLE	

# PRE-AIMING THE FIXTURES

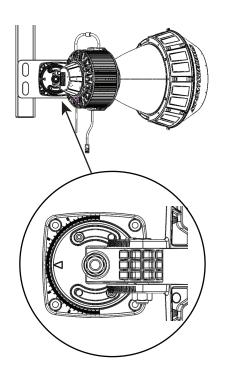
## **VERTICAL AIMING**

Lift the fixture until the vertical dial matches the number on the provided aiming diagram and lock the bolts.



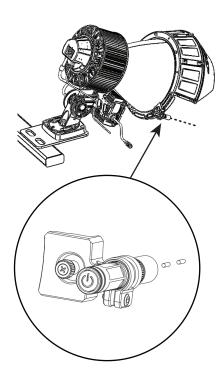
## **HORIZONTAL AIMING**

Twist the fixture until the vertical dial matches the number on the provided aiming diagram and lock the bolts.

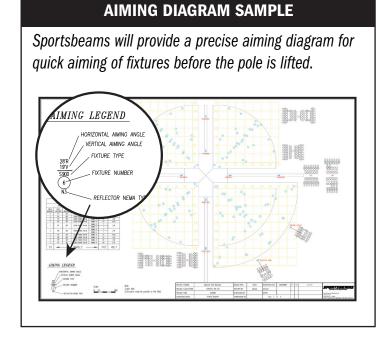


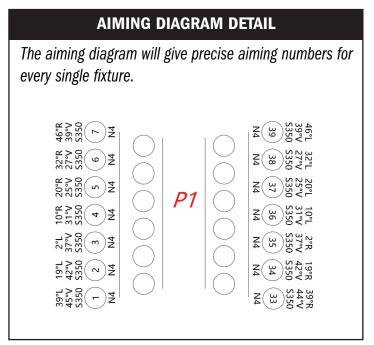
## LASER AIMING

A laser aiming tool can be used to assist with precise aiming for a particular spot on the field.



**PLEASE NOTE:** Horizontal aiming should be performed while standing behind the fixture. Following the aiming diagram precisely should result in lighting output that matches the proposed lighting design.





# **⚠** WARNING **⚠**

Never connect any Sportsbeams fixture to an electrical system that is not grounded. Installing a fixture in an ungrounded electrical system could allow the metal housing to become energized in the event of an electrical short, resulting in the risk of electrical shock for anyone who comes into contact with the fixture. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

Do not suspend any fixture by electrical or control wires, as these will not support the weight of the fixture, resulting in the potential for the fixture to fall and cause damage or injury. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

Each fixture comes with a SOOW style 3C cable with 14AWG annealed stranded bare copper per ASTM B-174 with a minimum temperature range of -40°C to +90°C. Our cable is water resistant, UV rated/sunlight resistant, UL listed and CSA certified for indoor and outdoor use.

Any additional cables used to connect to this fixture must match the specifications listed above.

# **▲** WARNING **▲**

NEVER connect the bare or green insulation ground wire to the black (HOT) current-carrying or white (NEUTRAL) supply wire, as this could energize the metal housing and create the risk of electrical shock. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

Do not damage or cut the wire insulation (covering) during installation. Do not permit wires to contact any surface having a sharp edge, as this may damage the wire insulation and create the risk of electrical shock. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

## **POWER INPUT**

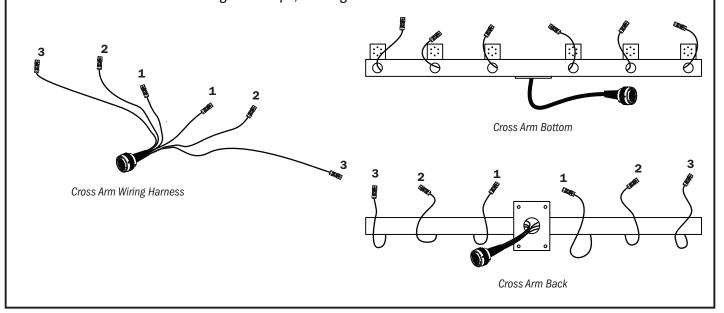
# **⚠** WARNING **⚠**

Failure to wire your fixture properly as suggested can cause permanent damage to the fixture and/or can cause physical harm and even death. Installation should only be performed by a qualified electrician.



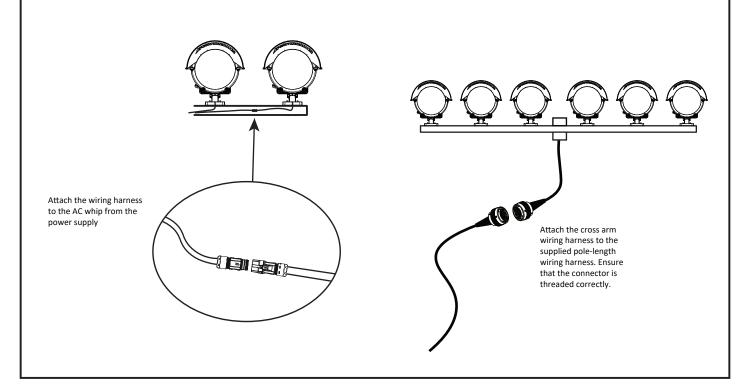
#### **INSTALLING THE CROSS ARM WIRING HARNESS**

For new installations, we will provide wiring harnesses for both the cross arms and the pole. The cross arm wiring harnesses should be installed using a fish tape, starting from the outside in.

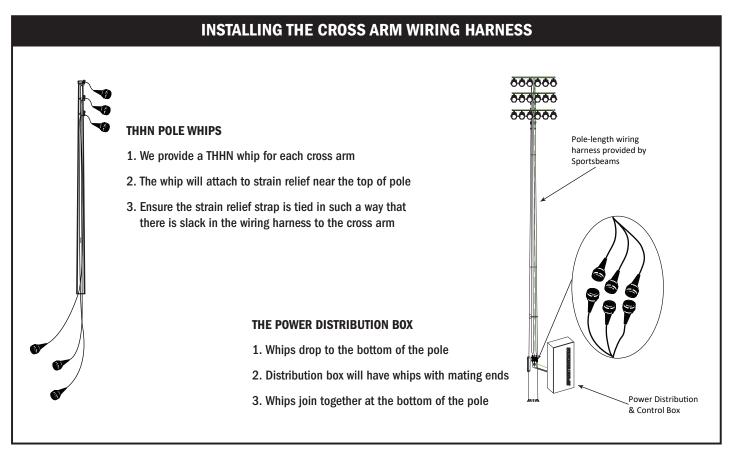


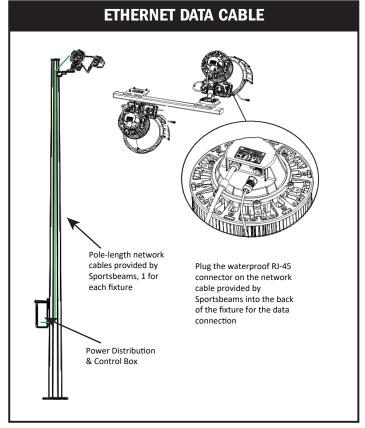
#### **INSTALLING THE CROSS ARM WIRING HARNESS**

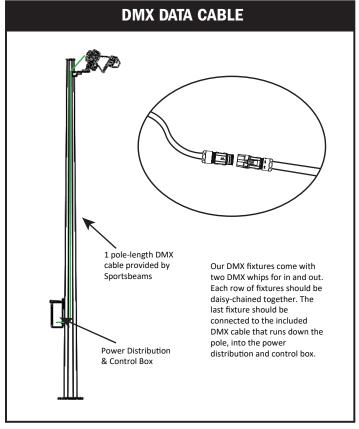
Each fixture has a quick connect on the power cord whip. Simply mate the connectors and ensure a tight, twisted seal for maximum water egress protection.





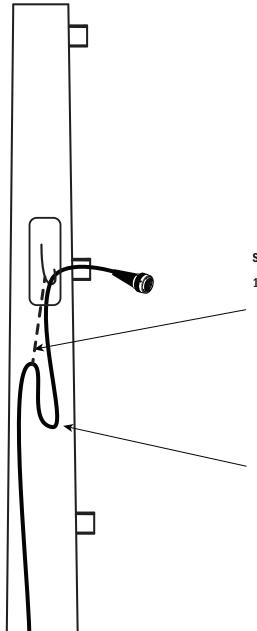






## **INSTALLING THE CROSS ARM WIRING HARNESS**

Wiring harnesses must be secured in the pole with proper strain relief mounting. Failure to do so will result in fixture failure over time as strain on the connectors will eventually cause power failures.



#### **STRAIN RELIEF**

1. Attach the strain relief from the wiring harness to the hook directly across from the hand hole.

#### **SLACK LOOP**

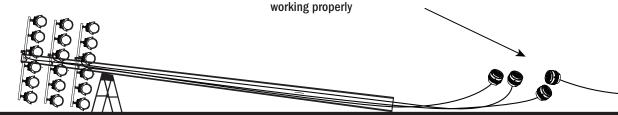
1. Ensure the wiring harness has enough slack to hang loosely from the cross arm connection.

Lifts are expensive. Before raising the poles, please test the fixture connections to ensure that all fixtures are connected properly.



#### **TESTING EACH CROSS ARM**

- 1. Connect the included testing wiring harness to a 240V generator or permanent onsite power
- 2. Connect the wiring harness to one of the cross arm connectors
- 3. Apply power to ensure that each fixture is working properly

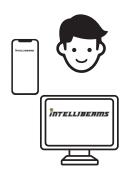


# **▲ PLEASE NOTE ▲**

#### Please keep the lift on site:

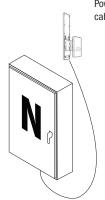
- · Until all fixtures have been tested for 48 hours
- · Customer has confirmed that no aiming alterations are needed
- · No additional on-site help is needed from Sportsbeams Lighting, Inc.

# **CONTROL SYSTEM OVERVIEW**



#### 1. USER SENDS COMMAND TO FIXTURE

DETAILS: Using the Intellibeams app or the onsite computer, the user can program and execute different scenes. For example: All on, all off, 75%, dim up, dim down, etc.



Power Over Ethernet (POE) cable to receiving antenna.

# 2. NETWORK CONTROL BOX RECEIVES COMMANDS AND DISTRIBUTES TO FIXTURES

DETAILS: This box sits indoors (press room, ticket booth, etc). 110V power is attached to the top breaker. The routers and DC transformer are mounted on DIN rails along with our Facility DMX computer.



Power Over Ethernet (POE) cable to transmitting dish.

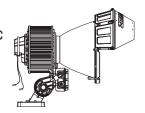


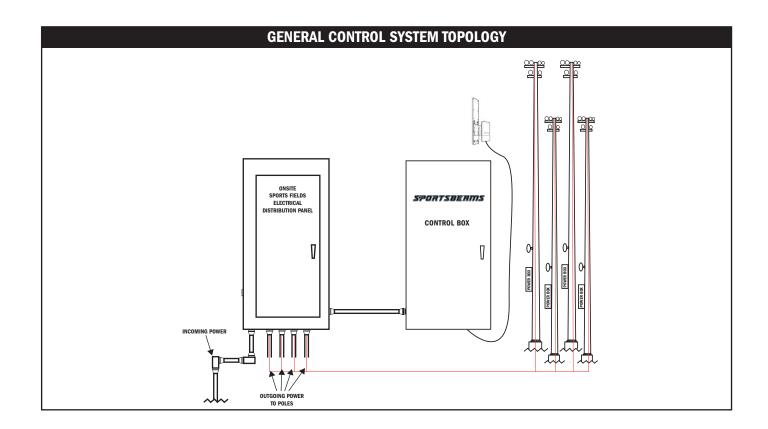
3. POWER DISTRIBUTION BOX CAN RECEIVE COMMANDS FOR FULL POWER ON/OFF

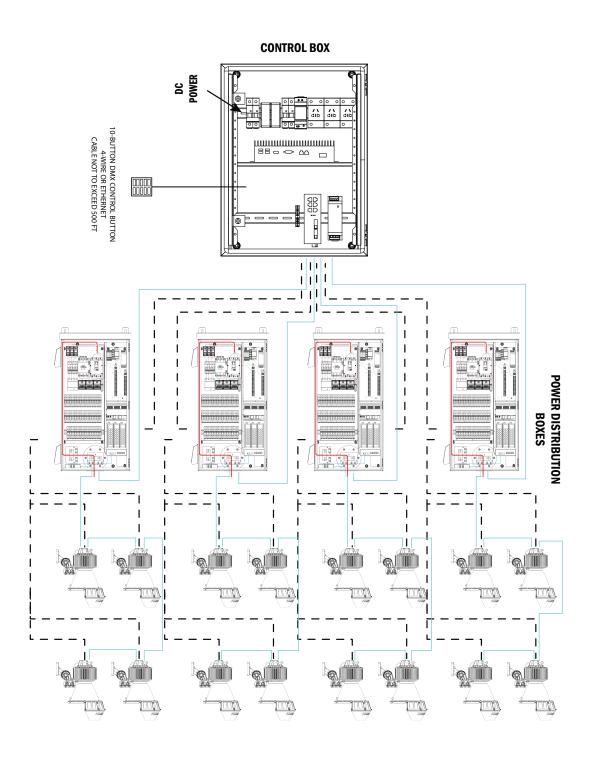
DETAILS: While most lighting commands will occur through the Network box, full power control utilizing the individual breakers and digital switches takes place in the Power box.

# 4. FIXTURE RECEIVES COMMANDS AND RESPONDS INSTANTLY

DETAILS: Each fixture has its own MAC address. If your fixture is an ethernet fixture, an ethernet cable is run from each fixture to the switch inside the control box. If it is a DMX fixture, fixtures are daisy-chained together, with a single cable run down to the control box.

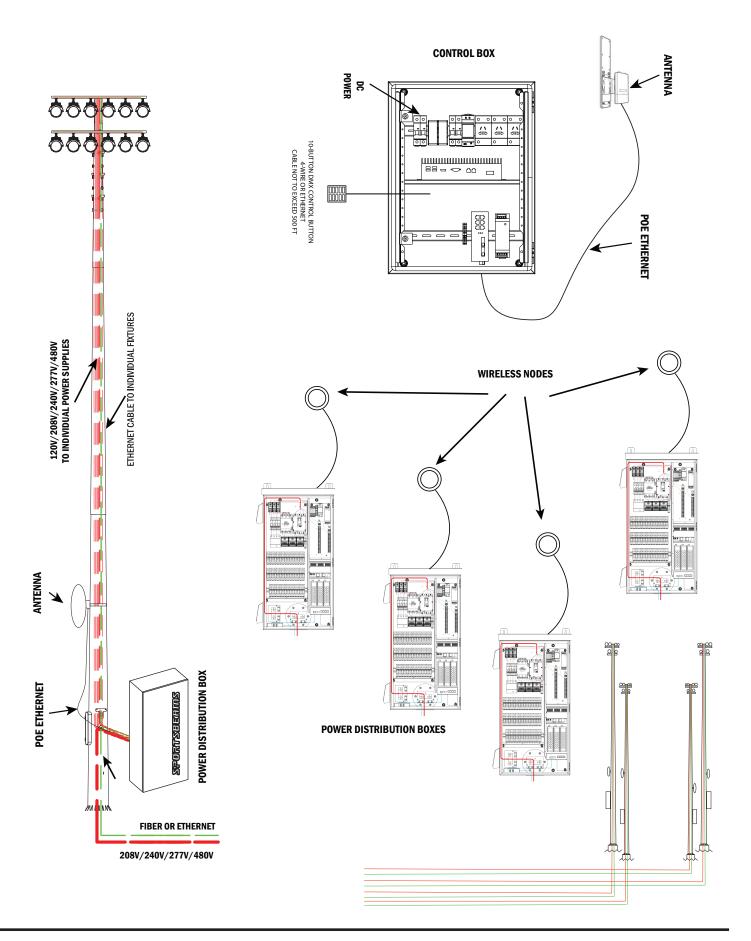






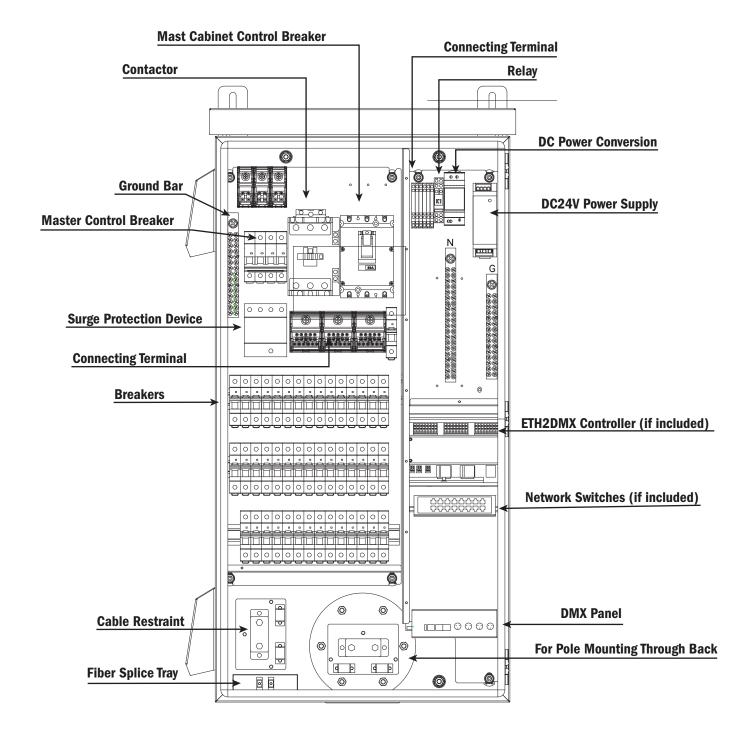


# SPORTSBERMS WIRELESS OUTDOOR CONTROL TOPOLOGY



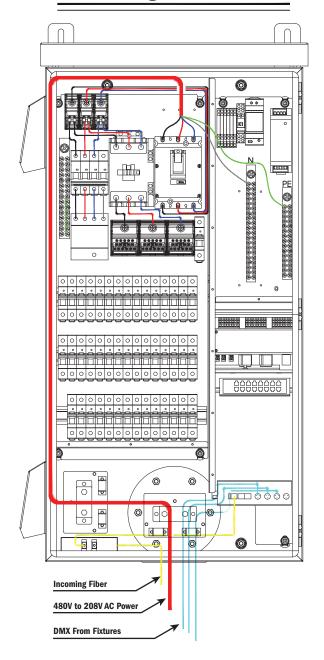
## POWER DISTRIBUTION AND CONTROL BOX COMPONENTS

(TYPICAL 44H" X 22W" X 10.25D")

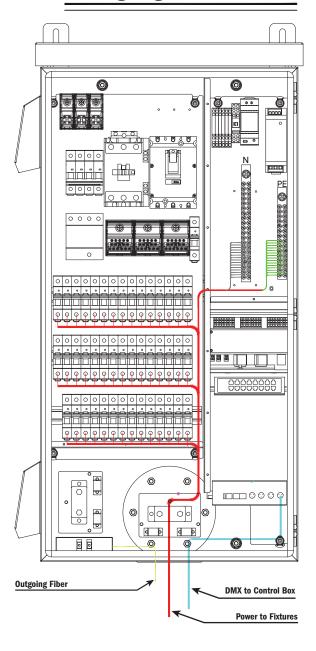


# **INCOMING/OUTGOING CONNECTIONS**

# **Incoming Connections**



## **Outgoing Connections**

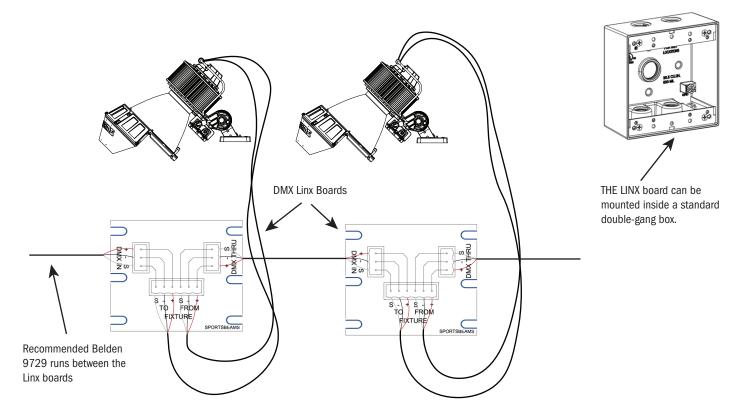


For lighting designs with individual fixture control, you will need to connect each fixture to its neighbor via the attached in/out DMX cable. When ordering a Sportsbeams DMX-controlled fixture there is an option for bare wire or quick connect. Typically, outdoor installations will require the stainless steel IP-68 DMX quick connects. For indoor installations, especially where fixtures are further than 10' feet apart, the best option is bare DMX wire that are interconnected via our Intellibeams Linx board.

#### BARE DMX WIRE



If distance between mounted fixtures is greater than 10 feet, use the Sportsbeams DMX Linx board to daisy-chain the dmx signal up to 24 fixtures.



#### DMX QUICK CONNECT

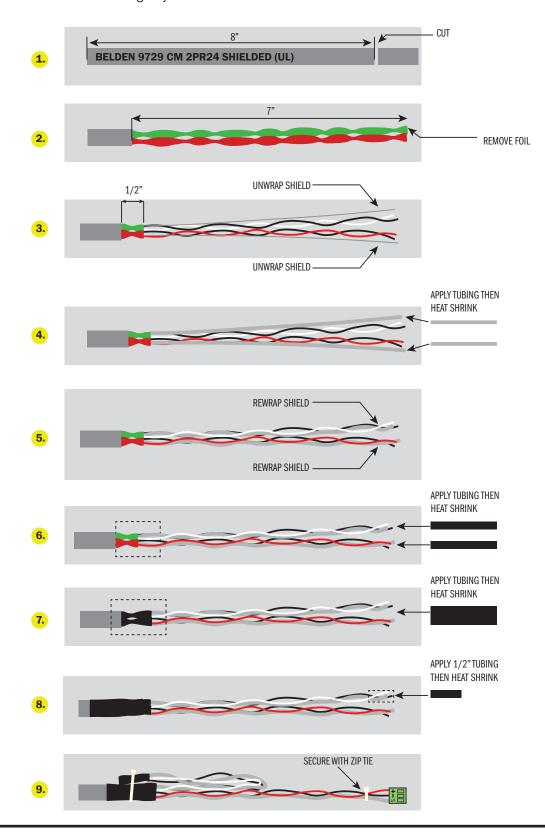


If distance between mounted fixtures is less than 10 feet, use the IP-68 3-pin quick connects to daisy-chain the dmx signal up to 24 fixtures.



# PREPARING BARE DMX WIRE

Connecting our fixtures via our Intellibeams Linx board requires using bare DMX Cable (Belden 9729 recommended, not supplied. It's important to prepare bare DMX wire properly. A single stray strand of copper conductor can interrupt DMX signal and make trouble-shooting very difficult.





# **DMX CHANNEL VALUES**

This document describes the DMX Channel schema to adjust CCT (color tuning white) and HSI (full color RGB).

	CCT			HSI	
CHANNEL	VALUE	FUNCTION	CHANNEL	VALUE	FUNCTION
1	0~255	CCT	1	0	ССТ
2	0~255	CCT INTENSITY	2	0	CCT INTENSITY
3	0	RESERVED	3	0	RESERVED
4	0	RESERVED	4	0~255	HUE
5	0	RESERVED	5	0~255	SATURATION
6	0	RESERVED	6	0~255	INTENSITY
7	32 ~ 63	CCT MODE	7	0~31	HSB MODE

#### CCT EXAMPLE

To tune the Chromabeams fixture to a bright white, the channels and values would be as follows:

CCT (5700K)			
CHANNEL	VALUE	FUNCTION	
1	90	CCT	
2	255	CCT INTENSITY	
3	0	RESERVED	
4	0	RESERVED	
5	0	RESERVED	
6	0	RESERVED	
7	45	CCT MODE	

#### **HSI EXAMPLE**

To tune the Chromabeams fixture to green, the channels and values would be as follows:

HSI (GREEN)				
CHANNEL	VALUE	FUNCTION		
1	0	ССТ		
2	0	CCT INTENSITY		
3	0	RESERVED		
4	80	HUE		
5	255	SATURATION		
6	255	INTENSITY		
7	0	HSB MODE		



## STANDARD SCOPE OF WORK

### **GENERAL STATEMENTS**

- Sportsbeams Lighting, Inc. is a lighting manufacturer. While we have a good understanding of general electrical requirements, we rely on electrical contractors to use their knowledge and expertise to complete a job in a workman-like manner as well as to local code.
- Our products are sold around the world. In order to keep our costs
  competitive, we do everything we can to limit costly on-site visits.
   Consequently, it is important that the contractor on the job completes
  all steps necessary, as outlined below, to ensure that our visits are as
  productive as possible.
- ·All jobs bid by Sportsbeams assume that onsite facility power used for the fixtures will be between 208V ~ 277V. 480V power without a neutral will incur additional charges that may not be reflected on the initial quote or purchase order.
- Failure to complete all necessary steps required for a complete installation in a "workman-like" fashion could result in additional charges or will void the warranty.

#### **PRE-BID**

 Sportsbeams will provide a lighting design, supporting documents and other information required to secure a job. This information will be provided by Sportsbeams directly or through their selected manufacturer's representative.

## AFTER RECEIPT OF PURCHASE ORDER

- Receipt of Purchase Order document will need to be signed and returned to Sportsbeams.
- Final pole designs will be submitted to our structural engineers. Each pole drawing will be returned with a base design, with a local stamp.
- · If the poles utilize concrete foundations, Sportsbeams will provide anchor bolts and a bolt pattern.
- · If the poles utilize a steel pipe foundation, the foundation will be delivered at the same time as the poles.
- Sportsbeams will provide an estimated delivery schedule for all materials.
- · For existing infrastructure, Sportsbeams will not be responsible for any issues regarding mounting, clearance, safety, etc.
- · Upon request, Sportsbeams will provide a sample fixture to ensure proper fit.

## **MATERIALS DELIVERY & HANDOFF**

- · Once delivered to site, contractor shall take responsibility for all materials including but not limited to:
  - Ensuring packing list matches purchase order quantities

- Storing unused/uninstalled materials in a weather-proof storage unit
- Installing fixtures without damage or breakage
- · Sportsbeams is subject to the delivery schedules of our suppliers as well as the variability of US Customs. Any schedule that we provide is based on good faith, but is not guaranteed.

## INSTALLATION

 Sportsbeams will provide continuous technical support by phone as needed.

## **CLOSING THE JOB**

- · Contractor will burn in all lights for a period of 48 hours straight.
- · Contractor will ensure that all lights have power and all data connections are verified as required.
- Any lifts or other equipment needed to access the fixtures will be made available on site in order to ensure access for any corrections or adjustments that Sportsbeams will need to make during final commissioning.
- When required, Sportsbeams will send a technician on site for one visit.
   Before any onsite visit occurs, contractor will assure that all fixtures have power, have been burned in, and all control wiring is connected.
   In addition, contractor will assure complete access to the fixtures.
- · Any parties that need to provide authorization before project is considered complete will be on site at the same time as the Sportsbeams technician.
- · Sportsbeams will provide final closing documents including final lighting design, aiming design, pole drawings, warranty, and product specification sheet.
- ·An installer will be required to be on site while Sportsbeams is present for programming to assist in any electrical issues or re-aiming that needs to take place.

#### **EXCLUSIONS**

The following items are not included in the scope of work. This list is not exhaustive but is representative of materials/services that are explicility the responsibility of the contractor:

- · Low voltage wiring beyond RS-485/ethernet from fixture to control box
- · Power wiring beyond cable harness to power distribution box
- · Power equipment outside of power distribution Box
- · Permits, licenses, bonds, site insurance
- · Storage or delivery charges (after products have been delivered to initial site)

## **CARE & MAINTENANCE**

All luminaires are prepared with a powder-coated finish. The finish on exterior luminaires may weather over time, depending on the environmental conditions at the installation site. Proper care of the luminaires will maintain their performance and appearance. Follow a regular maintenance schedule to retain optimal light output and thermal performance. Remove any dirt, leaves and other foreign debris from the luminaire housing. Wipe the optical lenses with a clean, dry, cotton cloth to remove dust and other contaminants. A non-abrasive polycarbonate cleanser may be used periodically.

# **▲** WARNING **▲**

Do NOT use any abrasives such as car wax, brass cleaners or other polishes or chemicals. These may scratch, remove, or damage the protective coating, allowing moisture and pollutants to come into contact with the aluminum, possibly discoloring or pitting the finish.

# **▲** WARNING **▲**



Turn off power before performing any electrical or control work. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO DEATH, SEVERE INJURY, OR PROPERTY DAMAGE.

DO NOT make or alter any open holes in the luminaire. Do not modify the luminaire.

# **TROUBLESHOOTING**

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
No light output Power is off		Check if circuit power is on
	Bad wire connection	Check input wiring connections
	Control signal set to 0	Verify control signal
Fuse blows or circuit breaker trips	Crossed wires or a supply wire is grounding out	Check wiring connections
	Improperly sized fuse or breaker	Refer to minimum fuse ratings

# **CUSTOMER SUPPORT**



Please call Sportsbeams Customer Service at 888.905.6680 for any questions or concerns.



# STANDARD PAYMENT TERMS

Sportsbeams Lighting, Inc. ("Sportsbeams") reserves the right to dictate payment terms by project. Should a project be split among different Purchase Orders, payment terms will be set by Purchase Order. Payment terms will be determined upon receiving the following documents from the customer/buyer:

- W9
- Tax Exemption Form
- · Credit Application
- · Released Purchase Order

Once the forms above have been supplied, the assigned Sportsbeams Project Manager will notify the customer/buyer of the payment terms for their Purchase Order.

Standard payment terms apply to most, but not all projects. Standard payment terms take place in the intervals outlined below until the total payment amount has been delivered to Sportsbeams. The Standard payment terms will take the following form:

Standard Payment Terms, Projects with Poles				
Invoice Type	Invoice Type Term Comprised Of			
Down		100% of Poles, 20% of Remaining Purchase Order		
Payment*	Payment* Due Upon Receipt Amount			
	Net 30, Upon			
Invoice	Delivery	80% of Purchase Order Amount		

Standard Payment Terms, Projects without Poles				
Invoice Type	Invoice Type Term Comprised Of			
Down	Down			
Payment*	Payment* Due Upon Receipt 20% of Purchase Order Amount			
Net 30, Upon				
Invoice	Delivery	80% of Purchase Order Amount		

Material lead times do not begin until Down Payment has been received by Sportsbeams. All invoices will incur a 1% late fee for every 30 days they are past due.



# SPORTSBERMS STANDARD PAYMENT CONTRACT

	ed to as "Agreement") is entered into on, 2022 (the "Effective Date") by and between ess of and Sportsbeams Lighting Inc. (hereinafter "Lender") with an address of
	nents to Lender by the following schedule in exchange for Products and Services rendered in ment schedule is enforceable by law, and the methods described below will be used in cases of
	ent of [Total PO Amount] will be surrendered to the Lender in the intervals outlined below until the The payment plan will take the following form:
<ul> <li>First Payment Date, Amount</li> <li>Second Payment Date, Amount</li> <li>Third Payment Date, Amount</li> </ul>	
remaining amount and present Interest imm to exceed 12% per annum and insufficient the hands of an attorney, and/or collection	ovide payments as per the payment plan above, Lender becomes entitled to immediately declare the nediately due and payable. Each past due invoice may incur a service charge of 1% per month, not payment and bounced checks will incur a fee of 1%. If the collection of these payments is placed in agency, the Payer agrees to pay all expenses, including court costs, legal and administrative y fees paid or incurred by Sportsbeams or its subsidiaries.
applicable state or federal court located in This Agreement and any dispute arising here	tion against the other under this Agreement, hereby submit to the exclusive jurisdiction of the Travis County, Texas. eunder shall be governed by the laws of Texas. If payment should not be delivered at all, Lender will of filing suit in accordance with and subject to the laws of Texas.
	to the terms as described above. Alterations to this agreement can only be made by both parties will receive a copy of this agreement and will be responsible for upholding its terms.
Sportsbeams Lighting, Inc.	Payer
Ву:	Ву:
Name:	Name:
Title:	Title:

## Warranties and Limitation of Liability

Please refer to www.sportsbeams.com/warranty for our terms and conditions.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



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