



LED SPORT LIGHT

SPFL7UP series

DESIGN: LED SPORT LIGHT UP-LIGHT SERIES is designed for upward-facing applications, providing controlled, uniform illumination for sports fields and demanding outdoor environments. Its protected lens construction allows safe upward aiming, while multi-scale optics reduce glare and provide uniform light distribution. The tempered-glass cover and die-cast aluminum housing provide durable protection and excellent heat dissipation. CRI 80+ delivers natural color rendering. Available in 120–277V and 200–480V.

UPWARD-AIMING CAPABILITY: Unlike conventional sports lights designed primarily for downward illumination, this series provides supplemental lighting above the primary field-lighting level. For baseball, softball, football, and other sports involving high-flying balls, it improves visibility above the field and helps athletes track the ball throughout its flight. It can be mounted lower on poles or alongside standard sports lights.

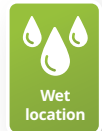
BALL-TRACKING UPLIGHT: Installed below the primary sports lights and aimed upward, this fixture illuminates high-flying balls above the main lighting zone, helping players maintain visual contact throughout play.

SURGE PROTECTION: Built-in 10kV surge protection safeguards the fixture against voltage spikes and electrical surges.

3G VIBRATION RATED: Engineered to withstand repeated vibration in demanding sports, roadway, and high-mast lighting applications.

INSTALLATION: Wet-location rated with a standard floodlight bracket or slip fitter. A 10 ft power cord provides installation flexibility. Suitable for sports fields, stadiums, high-mast installations, docks, parking facilities, and other large outdoor areas.

ADVANTAGES: Up to 153,000-hour calculated lifespan, 7-year limited warranty, UL Listed, and DLC Premium certified for reliable long-term performance, safety, and energy efficiency.

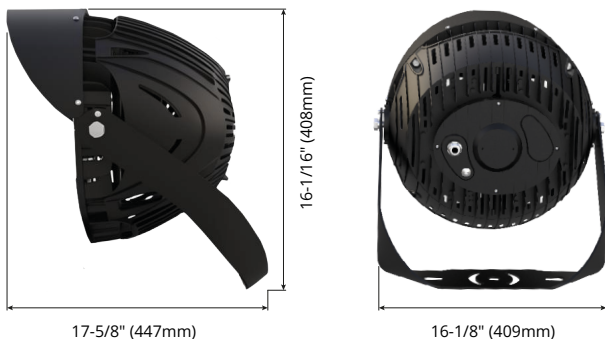


PRODUCT PRESENTATION

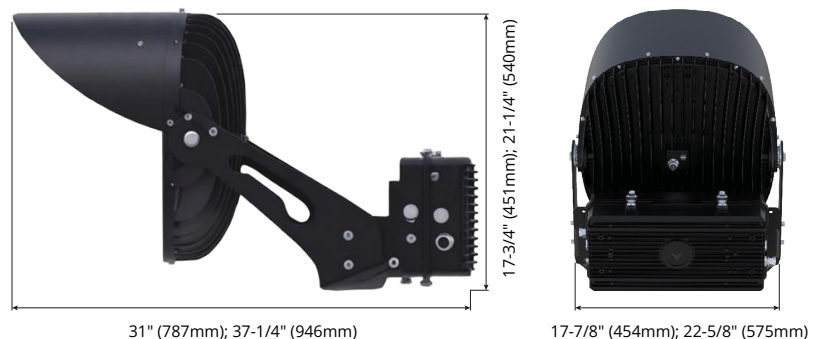
MODEL	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	CERTIFICATION
SPFL7UP 120-277V								
ASD-SPFL7UP-A500D50	300/400/500W	120-277V	0-10V	75,057lm	5,000K	Black	19-9/16" x 18-9/16" x 13-3/8"	UL (E473804), DLC Premium
SPFL7UP-HV 200-480V								
ASD-SPFL7UP-HV-A750D50	600/680/750W	200-480V	0-10V	113,665lm	5,000K	Black	27-1/2" x 17-3/4" x 17"	UL (E473804), DLC Premium

For detailed luminous flux information please refer to Annex 1, page 2.

SPFL7UP 500W



SPFL7UP 750W



TECHNICAL PARAMETERS

MODEL	MAX INPUT CURRENT	INRUSH CURRENT	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	SURGE PROTECTION	HOUSING	LENS	CRI
SPFL7UP 120-277V									
ASD-SPFL7UP-A500D50	5.50A	44.5A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
SPFL7UP-HV 200-480V									
ASD-SPFL7UP-HV-A750D50	4.13A	35A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80

For most up-to-date spec sheets please refer to asd-lighting.com

ASD LIGHTING CORP | www.asd-lighting.com | orders@asd-lighting.com



ANNEX 1

MODEL	WATTS	5,000 K
ASD-SPFL7UP-A500D50	300W	48,507lm
	400W	63,902lm
	500W	75,057lm
ASD-SPFL7UP-HV-A750D50	600W	95,564lm
	680W	105,120lm
	750W	113,665lm

DIMMING COMPATIBLE CONTROLS

BRAND	LEVITON		LUTRON	
Models	ZS057-DOZ	DD710	MS-Z101	NTSTV
	DS710	IP710	DVSTV	DVTV

EPA (EFFECTIVE PROJECTED AREA)

FIXTURE QUANTITY	MODEL	
Single	300-500W	750W
	0.85/1.28/1.36 ft²	0.80/1.92/1.25 ft²

ORDERING INFORMATION

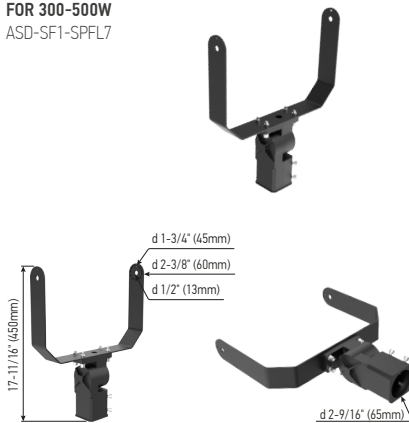
MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC
SPFL7UP 120-277V						
ASD-SPFL7UP-A500D50	19-9/16" x 18-9/16" x 13-3/8"	27.6 lbs (12.5 kg)	1	21.3" x 17.7" x 14.4"	32.6 lbs	810190200599
SPFL7UP-HV 200-480V						
ASD-SPFL7UP-HV-A750D50	27-1/2" x 17-3/4" x 17"	45.2 lbs (20.5 kg)	1	25.2" x 21.3" x 11.6"	53.6 lbs	810190200605

ACCESSORIES

MODEL	PRODUCT DIMENSIONS	UPC	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	GTIN 14
ASD-SF1-SPFL7	15-1/4" x 17-11/16" x 3-1/16"	810128114899	5	21.5" x 18.1" x 12.6	33.1 lbs	10810128114896
ASD-SF2-SPFL7	17-3/8" x 19-7/8" x 3-1/16"	810128114905	4	18.9" x 20.1" x 15	35.3 lbs	10810128114902
ASD-LSA-SPFL7	5-1/16" x 5-1/2" x 1-11/16"	810128115940	10	12.2" x 12.2" x 6.9	12.4 lbs	10810128115947
ASD-LSB-SPFL7	5-1/16" x 4-15/16" x 1-11/16"	810128115957	10	12.2" x 12.2" x 6.9	12.4 lbs	10810128115954

ACCESSORIES (sold separately)

SLIP FITTER FOR 300-500W
ASD-SF1-SPFL7



SLIP FITTER FOR 600-750W
ASD-SF2-SPFL7



LASER POINTER FOR 300-500W
ASD-LSA-SPFL7



LASER POINTER FOR 750-1300W
ASD-LSB-SPFL7



The rechargeable Li-ion 16340 battery is included.

ACCESSORY COMPATIBILITY LIST

ACCESSORIES / MODELS	ASD-SPFL7UP-A500D50	ASD-SPFL7UP-HV-A750D50
SLIP-FITTER FOR 300-500W ASD-SF1-SPFL7	●	
SLIP-FITTER FOR 600-750W ASD-SF2-SPFL7		●
LASER POINTER FOR 300-500W ASD-LSA-SPFL7	●	
LASER POINTER FOR 750-1300W ASD-LSB-SPFL7		●

INSTALLATION GUIDE FOR 200-480V SYSTEMS

IMPORTANT SAFETY INFORMATION

- Make sure that the supply voltage corresponds to the rated product voltage.
- The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury: read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

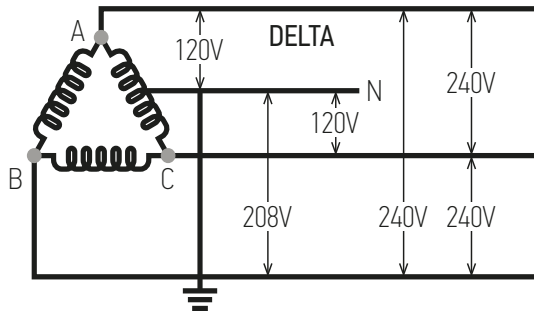
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: 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.

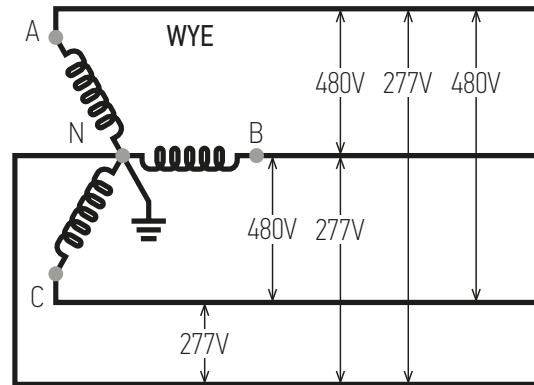
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

HIGH VOLTAGE WIRING DIAGRAMS

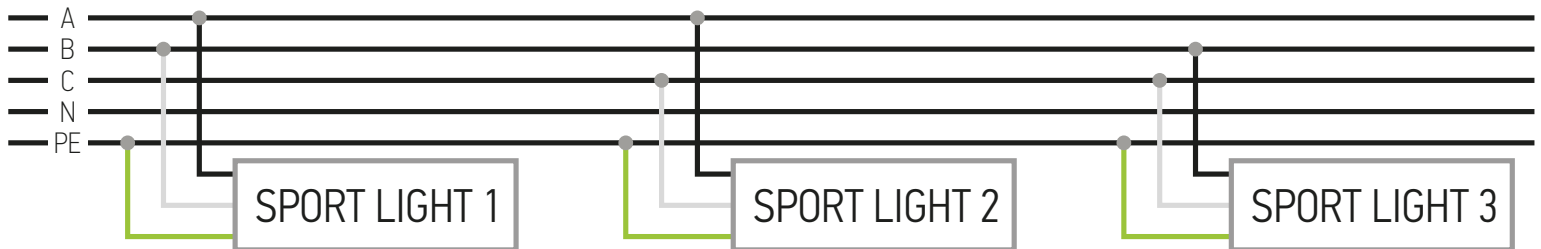


A - B 240 Volts
B - C 240 Volts
C - A 240 Volts
A - N 120 Volts
B - N 120 Volts
C - N 120 Volts



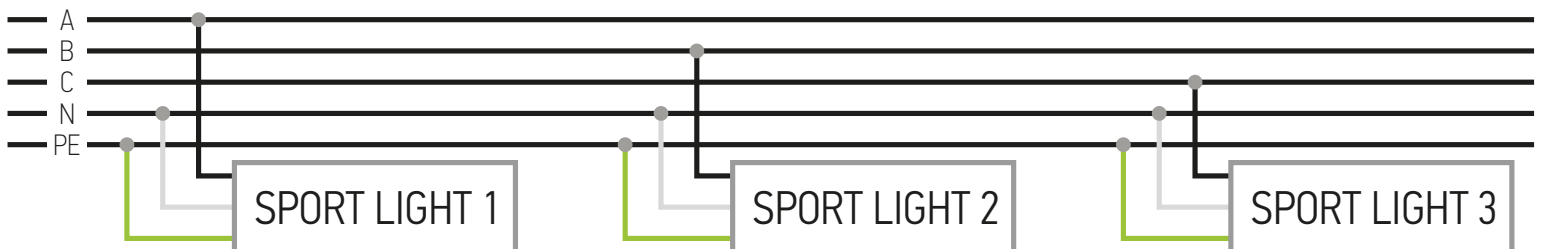
A - B 480 Volts
B - C 480 Volts
C - A 480 Volts
A - N 277 Volts
B - N 277 Volts
C - N 277 Volts

FOR DELTA WIRING configurations, please refer to the following connection diagrams:
INPUT VOLTAGE = 240V AC



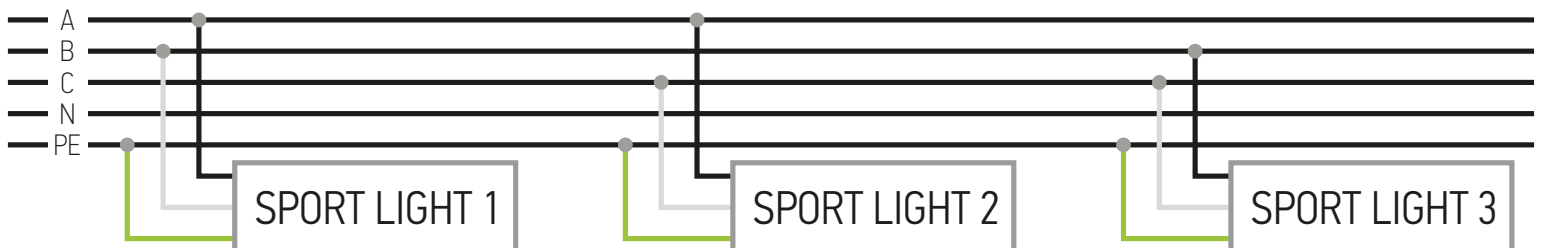
⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

FOR WYE WIRING configurations, please refer to the following connection diagrams:
INPUT VOLTAGE = 277V AC



⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

FOR WYE WIRING configurations, please refer to the following connection diagrams:
INPUT VOLTAGE = 480V AC



⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

INSTALLATION GUIDE

Please read all the instructions below before installation!

REQUIRED MAINTENANCE SCHEDULE

- **Quarterly inspection:** Inspect the lighting system every three months. Perform all work during daylight hours with the equipment powered off.
- **Semiannual cleaning:** Thoroughly clean the fixtures every six months, scheduling the work during suitable dry-weather conditions.
- **Annual inspection:** Perform a comprehensive inspection annually, preferably during periods of low wind.
- **High-pollution environments:** Fixtures installed in areas with elevated levels of dust, dirt, smoke, salt, chemicals, or other contaminants must be inspected and cleaned more frequently as conditions require.

⚠ WARNING

WARRANTY LIMITATION

Fixtures must be installed, operated, inspected, and maintained in accordance with ASD installation instructions, product specifications, and the maintenance schedule above. The warranty does not cover damage, failure, reduced performance, discoloration, overheating, or premature component deterioration resulting from:

- Installation in an unapproved position or orientation;
- Installation that does not comply with product specifications or instructions;
- Accumulation of dirt, debris, or environmental contaminants; or
- Failure to perform appropriate and timely inspection, cleaning, or maintenance.

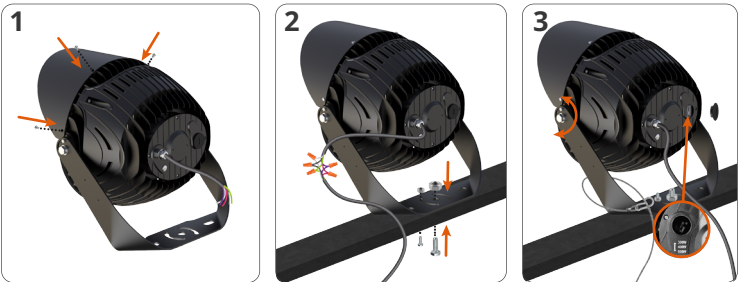
Proof of proper installation and maintenance, including service records and photographs, may be required when submitting a warranty claim.

ALLOWED ANGLE OF INSTALLATION



SPFL7 UP-LIGHT
360° installation

INSTALLATION STEPS



1. Attach the Visor using M4x10mm for 300-600W or M5x10mm for 750-1000W screws to secure the visor onto the fixture.
2. Insert M10/M20 bolts and plain washers into the bracket. Align the rotatable bracket with the mounting structure, then secure the bracket with bolts, plain washers, and lock washers. Tighten the nuts by hand to ensure the mounting structure is secure but do not fully torque nuts until desired aiming is achieved.
3. Once the fixture is set to the desired direction, tighten the nuts fully. Set the wattage value with the switch on the back of the fixture. For installations over 10ft height use safety cable (sold separately).

PACKAGE CONTENTS

DESCRIPTION	QUANTITY
LED Sport Light	1
Visor (A)	1
Box	1



SLIP-FITTER INSTALLATION **sold separately**

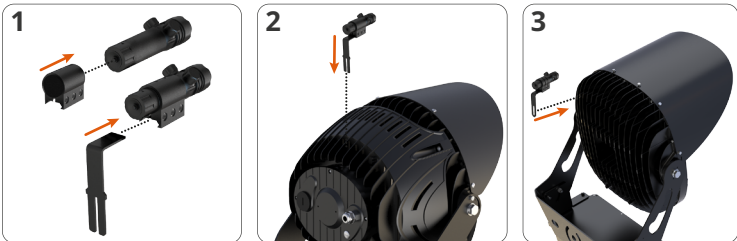
ASD-SF1-SPFL7 ASD-SF2-SPFL7



1. Use a wrench to loosen the screw on original bracket and remove it.
2. Attach the fixture on the slipfitter to the pole. Tighten the screw to secure the fixture to the base.
3. Adjust the fixture according to the desired angle and tighten the screw on the slipfitter to lock in the position. For installations over 10ft height use safety cable (sold separately).

LASER POINTER INSTALLATION **sold separately**

ASD-LSA-SPFL7 ASD-LSB-SPFL7



1. Attach the laser pointer to the holder. Loosen the hex screws. Slide the holder over the L bracket. Tighten the hex screws.
2. Find the mounting hole marked "Laser" on the lighting fixture. Attach.