LED SPORT LIGHT

SPFL7 series

DESIGN: LED SPORT LIGHT has a die-cast aluminum housing with numerous vents on the heat sink for excellent heat dissipation. Advanced optics designed with unique multi-scale lenses provides uniform light distribution, glare-reduction maximizes the light output. CRI80+ rating provides rich and natural colors. Surge protection 10kV protects the fixture from voltage spikes and current surges. It is designed to operate under 120-277V or 200-480V.

SURGE PROTECTION: 10kV protects the fixture from voltage spikes and current surges.

3G: vibration rated, withstands conditions with repeated vibration, making it conform to standards for roadway.

INSTALLATION: This fixture is Wet location rated and has two mounting options with a standard floodlight bracket or a slip fitter. It comes with 10 ft cord. Perfect commercial or industrial solution for any outdoor sports lighting, parking lot lighting, dock lighting, high mast flood lighting, stadium lighting, and many other applications. 3G vibration rated, withstands conditions with repeated vibration, making it conform to standards for roadway.

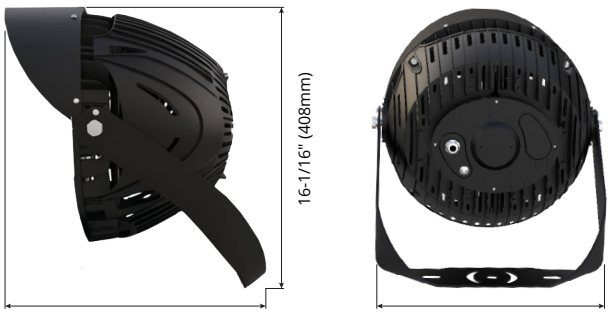
ADVANTAGES: With calculated lifespan up to 153 000 hours, these fixtures are made to last decades under normal operation! ASD provides a 7-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!

PRODUCT PRESENTATION

MODEL	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	CERTIFICATION
SPFL7 120-277V								
ASD-SPFL7-300D50	300W	120-277V	0-10V	44,914lm	5,000K	Black	17-5/8" x 16-1/8" x 16-1/16"	UL (E473804), DLC Premium
ASD-SPFL7-A500D50	300/400/500W	120-277V	0-10V	75,057lm	5,000K	Black	17-5/8" x 16-1/8" x 16-1/16"	UL (E473804), DLC Premium
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
ASD-SPFL7-A600D50	400/500/600W	120-277V	0-10V	89,889lm	5,000 K	Black	17-5/8" x 16-1/8" x 10-15/16"	UL(E473804), DLC Premium
SPFL7-HV 200-480V								
ASD-SPFL7-HV-A500D50	300/400/500W	200-480V	0-10V	75,057lm	5,000K	Black	17-5/8" x 16-1/8" x 16-1/16"	UL (E473804), DLC Premium
ASD-SPFL7-HV-A750D50	600/680/750W	200-480V	0-10V	113,665lm	5,000K	Black	31" x 17-7/8" x 17-3/4"	UL (E473804), DLC Premium
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
ASD-SPFL7-HV-A1000D50	600/750/1000W	200-480V	0-10V	149,877lm	5,000K	Black	37-1/4" x 22-5/8" x 21-1/4"	UL (E473804), DLC Premium
ASD-SPFL7-HV-A1300D50	1000/1200/1300W	200-480V	0-10V	197,827lm	5,000K	Black	37-1/4" x 22-5/8" x 21-1/4"	UL (E473804), DLC Premium

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

SPFL7 300-500W



17-5/8" (447mm)

16-1/8" (409mm)

SPFL7 750-1300W

31" (787mm); 37-1/4" (946mm)

17-7/8" (454mm); 22-5/8" (575mm)

TECHNICAL PARAMETERS

MODEL	MAX INPUT CURRENT	INRUSH CURRENT	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	SURGE PROTECTION	HOUSING	LENS	CRI
SPFL7 120-277V									
ASD-SPFL7-300D50	2.7A	50A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
ASD-SPFL7-A500D50	4.7A	48.6A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
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
ASD-SPFL7-A600D50	6.60A	100A	Wet location	-40°F to 122°F(-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
SPFL7-HV 200-480V									
ASD-SPFL7-HV-A500D50	2.6A	44.5A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
ASD-SPFL7-HV-A750D50	3.8A	35A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
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
ASD-SPFL7-HV-A1000D50	5.1A	35A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80
ASD-SPFL7-HV-A1300D50	7.2A	35A	Wet location	-40°F to 122°F (-40°C to 50°C)	> 0.9	10kV	Aluminum	PC	> 80

ANNEX 1

MODEL	WATTS	5,000 K
ASD-SPFL7-300D50	300W	44,914lm
ASD-SPFL7-A500D50 ASD-SPFL7UP-A500D50	300W	48,507lm
	400W	63,902lm
	500W	75,057lm
ASD-SPFL7-A600D50	400W	62,481 lm
	500W	75,686 lm
	600W	89,889 lm
ASD-SPFL7-HV-A500D50	300W	48,507lm
	400W	63,902lm
	500W	75,057lm
ASD-SPFL7-HV-A750D50 ASD-SPFL7UP-HV-A750D50	600W	95,564lm
	680W	105,120lm
	750W	113,665lm
ASD-SPFL7-HV-A1000D50	600W	95,564lm
	750W	119,348lm
	1000W	149,877lm
ASD-SPFL7-HV-A1300D50	1000W	161,118lm
	1200W	186,953lm
	1300W	197,827lm

DIMMING COMPATIBLE CONTROLS

BRAND	LEVITON		LUTRON	
Models	ZS057-D0Z	DD710	MS-Z101	NTSTV
	DS710	IP710	DVSTV	DVTV

EPA (EFFECTIVE PROJECTED AREA)

FIXTURE QUANTITY	MODEL		
Single	300-500W	750W	1000W
	0.85/1.28/1.36 ft^2	0.80/1.92/1.25 ft^2	1.02/2.94/1.67 ft^2

BUG RATING

MODEL	BUG RATING
ASD-SPFL7-300D50	B5 U0 G1
ASD-SPFL7-A500D50	B5 U0 G2
ASD-SPFL7-A600D50	
ASD-SPFL7-HV-A500D50	
ASD-SPFL7-HV-A750D50	
ASD-SPFL7-HV-A1000D50	
ASD-SPFL7-HV-A1300D50	

ORDERING INFORMATION

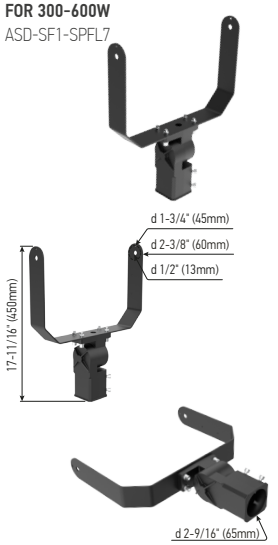
MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC
SPFL7 120-277V						
ASD-SPFL7-300D50	17-5/8" x 16-1/8" x 16-1/16"	21.6 lbs (9.8 kg)	1	19.3" x 17.7" x 12.8"	24.9 lbs	810128114844
ASD-SPFL7-A500D50	17-5/8" x 16-1/8" x 16-1/16"	22.5 lbs (10.2 kg)	1	19.3" x 17.7" x 12.8"	25.8 lbs	810128114851
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
ASD-SPFL7-A600D50	17-5/8" x 16-1/8" x 10-15/16"	28.9 lbs(13.1kg)	1	19.29" x 17.72" x 13.39"	32.0 lbs	81019020343
SPFL7-HV 200-480V						
ASD-SPFL7-HV-A500D50	17-5/8" x 16-1/8" x 16-1/16"	24.7 lbs (11.2 kg)	1	19.3" x 17.7" x 12.8"	28 lbs	810128114868
ASD-SPFL7-HV-A750D50	31" x 17-7/8" x 17-3/4"	43.4 lbs (19.7 kg)	1	29.7" x 21.1" x 12.6"	46.7 lbs	810128114875
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
ASD-SPFL7-HV-A1000D50	37-1/4" x 22-5/8" x 21-1/4"	66.1 lbs (30 kg)	1	30.7" x 24.8" x 14"	72.8 lbs	810128114882
ASD-SPFL7-HV-A1300D50	37-1/4" x 22-5/8" x 21-1/4"	66.1 lbs (30 kg)	1	30.7" x 24.8" x 14"	77.2 lbs	810128117869

ACCESSORIES

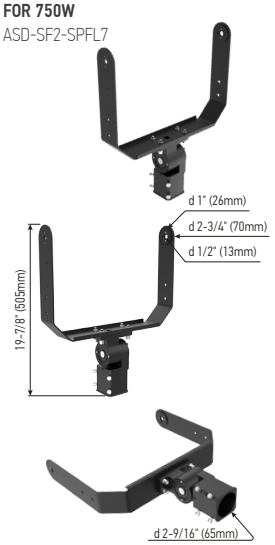
MODEL	PRODUCT DIMENSIONS	UPC	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	GTIN 14
ASD-SF1-SPFL7	15-1/4" x 17-11/16" x 3-1/16"	810128114899	5	21.5" x 18.1" x 12.6	33.1 lbs	10810128114896
ASD-SF2-SPFL7	17-3/8" x 19-7/8" x 3-1/16"	810128114905	4	18.9" x 20.1" x 15	35.3 lbs	10810128114902
ASD-SF3-SPFL7	21-11/16" x 20-1/4" x 3-1/8"	810128114912	2	24.6" x 22.8" x 18.1"	40.8 lbs	10810128114919
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
ASD-L30-SPFL7-300/500	14-5/16" x 14-5/16" x 1/2"	810128114929	20	16.5" x 16.5" x 11.8"	24.3 lbs	10810128114926
ASD-L20B-SPFL7	15-5/16" x 15-5/16" x 11/16"	810128115506	10	16.1" x 15.8" x 8.7"	25.6 lbs	10810128115503
ASD-L20C-SPFL7	19-9/16" x 9-3/4" x 11/16"	810128115513	20	21.3" x 15.8" x 11"	41 lbs	10810128115510

ACCESSORIES (sold separately)

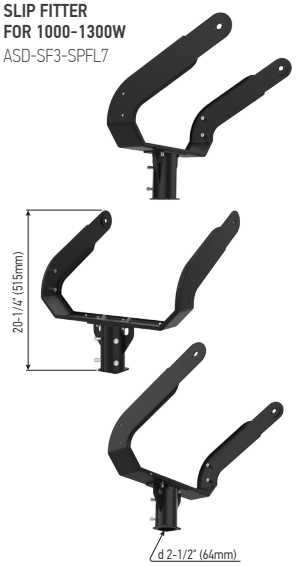
SLIP FITTER FOR 300-600W
ASD-SF1-SPFL7



SLIP FITTER FOR 750W
ASD-SF2-SPFL7



SLIP FITTER FOR 1000-1300W
ASD-SF3-SPFL7



LASER POINTER FOR 300-600W
ASD-LSA-SPFL7

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

The rechargeable Li-ion 16340 battery is included.

LENS 30° FOR 300-600W
ASD-L30-SPFL7-300/500

LENS 20° FOR 750W
ASD-L20B-SPFL7

LENS 20° FOR 1000-1300W
ASD-L20C-SPFL7

ACCESSORY COMPATIBILITY LIST

ACCESSORIES \ MODELS	ASD-SPFL7-300D50	ASD-SPFL7-A500D50	ASD-SPFL7UP-A500D50	ASD-SPFL7-A600D50	ASD-SPFL7-HV-A500D50	ASD-SPFL7-HV-A750D50	ASD-SPFL7UP-HV-A750D50	ASD-SPFL7-HV-A1000D50	ASD-SPFL7-HV-A1300D50
SLIP-FITTER FOR 300-600W ASD-SF1-SPFL7	●	●	●	●	●				
SLIP-FITTER FOR 750W ASD-SF2-SPFL7						●	●		
SLIP-FITTER FOR 1000-1300W ASD-SF3-SPFL7								●	●
LASER POINTER FOR 300-600W ASD-LSA-SPFL7	●	●	●	●	●				
LASER POINTER FOR 750-1300W ASD-LSB-SPFL7						●	●	●	●
LENS 30° FOR 300-600W ASD-L30-SPFL7-300/500	●	●	●	●	●				
LENS 20° FOR 750W ASD-L20B-SPFL7						●	●		
LENS 20° FOR 1000-1300W ASD-L20C-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.

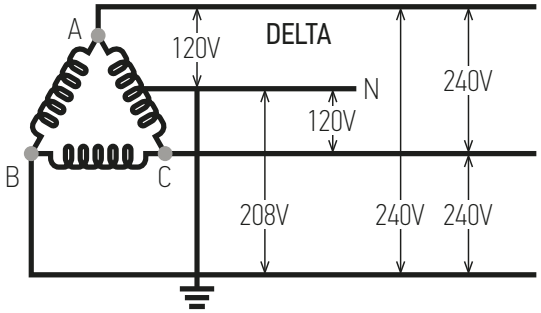
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

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.

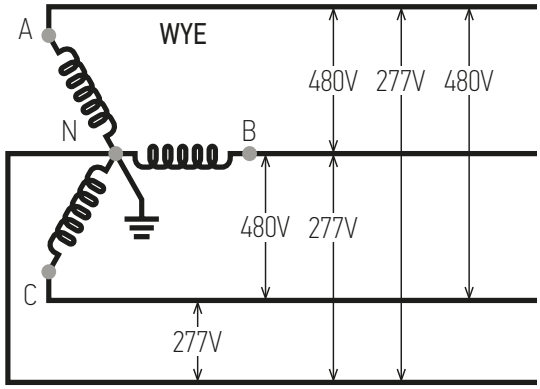
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

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

HIGH VOLTAGE WIRING DIAGRAMS

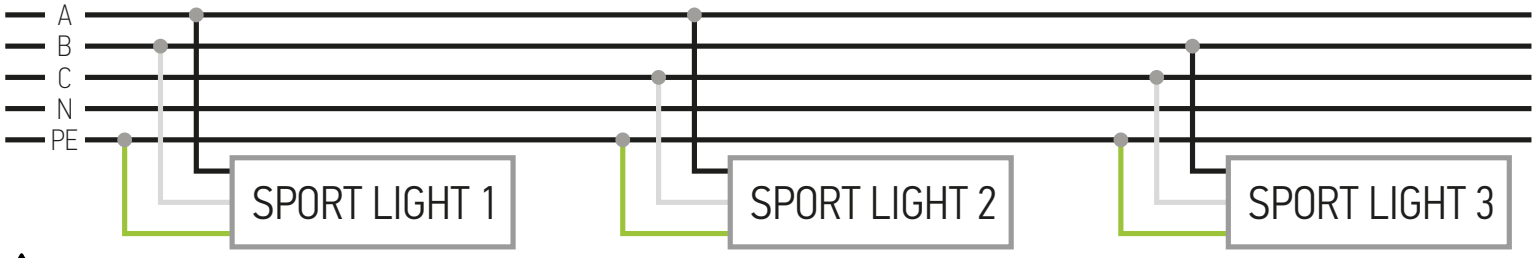


A - B 240 Volts
B - C 240 Volts
C - A 240 Volts
A - N 120 Volts
B - N 208 Volts
C - N 120 Volts



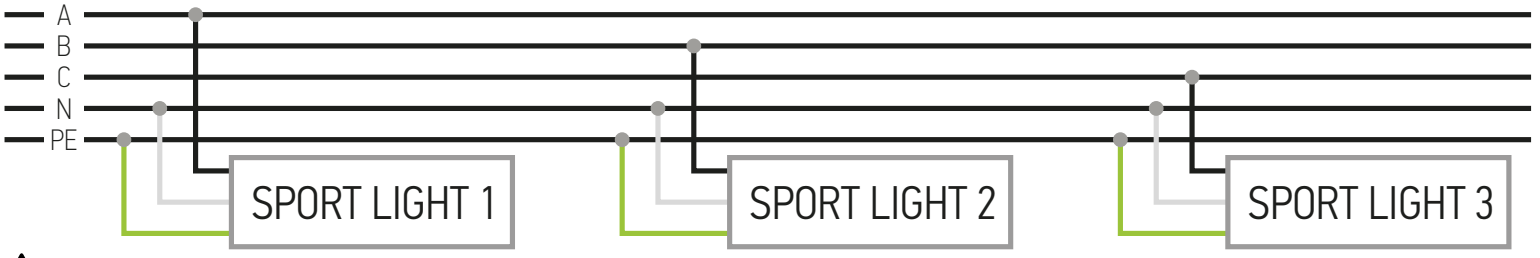
A - B 480 Volts
B - C 480 Volts
C - A 480 Volts
A - N 277 Volts
B - N 277 Volts
C - N 277 Volts

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



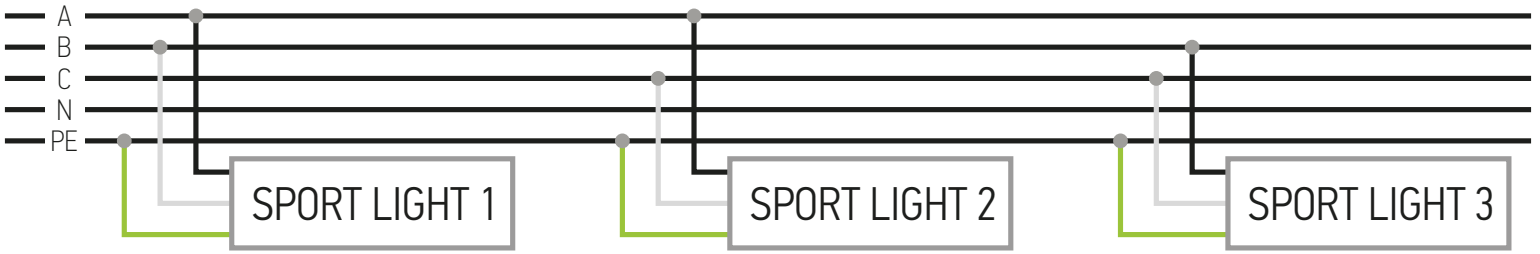
⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

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!

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.

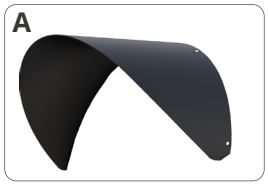
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

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.

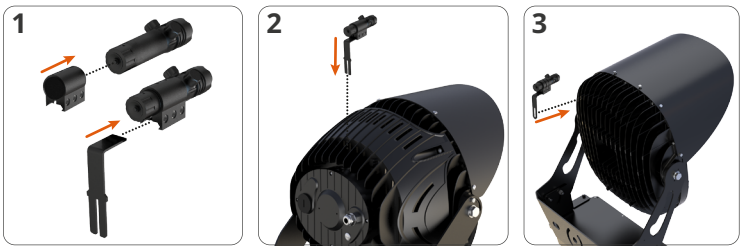
PACKAGE CONTENTS

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



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.

ALLOWED ANGLE OF INSTALLATION

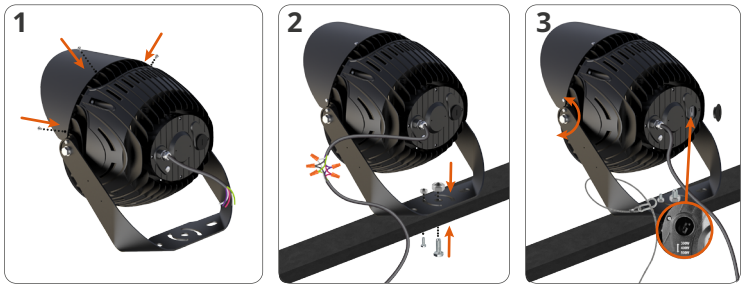
SPFL7
180° installation

SPFL7 UP-LIGHT
360° installation

LENS INSTALLATION

MODEL	LENS
300-800 W	1 lens (L30, L20B)
1000-1300 W	2 lens (L20C)

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).

* **Do not aim this fixture upward.** Upward operation may cause excessive heat buildup, resulting in LED failure and lens deformation or melting. Damage caused by upward-facing installation is not covered under warranty. For applications requiring upward illumination, use our **Uplight Series.**

SLIP-FITTER INSTALLATION sold separately

ASD-SF1-SPFL7 ASD-SF2-SPFL7 ASD-SF3-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).