



LED Sport Light

Premium Series

The ASD Sport Light is a professional grade sports lighting solution. Ideal for any outdoor sports field or court the SPFL will help eliminate harsh glare or shadows creating a more enjoyable environment for players and fans alike. In addition this luminaire will provide a generous return on investment, saving up to 80% of energy needed to power traditional metal halide lamps and boasting a 50,000 hour L70 lifetime. From high school fields to professional outdoor venues to golf courses, the SPFL will enhance the atmosphere and reduce energy consumption.

FEATURES AND BENEFITS:

- ▶ High Quality LED chips & lens
- ▶ Multi-scale lens to create well-balanced distribution and reduce glare
- ▶ Large heat sink to allow maximum heat departure
- ▶ Anti-corrosion aluminum body (IP66 rating)
- ▶ Custom lighting lens angle 15°, 20°, 25°, 30°, 40°, 45°, 80°
- ▶ Stable electromagnetic compatibility.
Ultra-low EMI noise generation eliminates electrical interference
- ▶ Adjustable beam angle
- ▶ 10KV surge protection
- ▶ Quick start with no flicker or noise
- ▶ 50,000 hour L70 lifetime
- ▶ 7 Year warranty

Catalog number	
Notes	
Type	



PRODUCT LEGEND:

Family	Voltage	Beam Angel	Watts	Dimmable	CCT	Series
ASD-SPFL	XX	XX	XX	X	XX	PRM
LED Sport light	Blank = 100-277 V HV = 200-480 V	15 = 15° Blank = 45° 300-500 W Blank = 40° 750 W	300 = 300 W 500 = 500 W 750 = 750 W	D = Dimmable	50 = 5,000 K 57 = 5,700 K	Premium



LED SPORT LIGHT:

Model	Voltage	Beam Angle	Watts	Dimming	CCT	Lumens	Dimensions (LxWxH)	Cord
ASD-SPFL/15-300D50-PRM	100-277 V	15°	300 W	Yes	5,000 K	40,970 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFL/15-500D50-PRM	100-277 V	15°	500 W	Yes	5,000 K	66,271 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFL-300D50-PRM	100-277 V	45°	300 W	Yes	5,000 K	40,483 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFL-300D57-PRM	100-277 V	45°	300 W	Yes	5,700 K	40,784 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFL-500D50-PRM	100-277 V	45°	500 W	Yes	5,000 K	66,286 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFL-500D57-PRM	100-277 V	45°	500 W	Yes	5,700 K	66,908 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFL-750D50-PRM	100-277 V	40°	750 W	Yes	5,000 K	98,888 lm	19 3/4" x 18 5/8" x 18 5/8"	6.5 ft
ASD-SPFL-750D57-PRM	100-277 V	40°	750 W	Yes	5,700 K	99,780 lm	19 3/4" x 18 5/8" x 18 5/8"	6.5 ft
ASD-SPFLHV/15-300D50-PRM	200-480 V	15°	300 W	Yes	5,000 K	40,646 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFLHV/15-500D50-PRM	200-480 V	15°	500 W	Yes	5,000 K	66,232 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFLHV-300D50-PRM	200-480 V	45°	300 W	Yes	5,000 K	40,507 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFLHV-500D50-PRM	200-480 V	45°	500 W	Yes	5,000 K	66,352 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFLHV-500D57-PRM	200-480 V	45°	500 W	Yes	5,700 K	66,941 lm	15 5/8" x 14 1/2" x 14 1/2"	6.5 ft
ASD-SPFLHV-750D50-PRM	200-480 V	40°	750 W	Yes	5,000 K	98,669 lm	19 3/4" x 18 5/8" x 18 5/8"	6.5 ft
ASD-SPFLHV-750D57-PRM	200-480 V	40°	750 W	Yes	5,700 K	99,497 lm	19 3/4" x 18 5/8" x 18 5/8"	6.5 ft

DIMMING COMPATIBLE CONTROLS:

Brand	Models
Leviton	ZS057-D0Z IP710 DS710 DD710
Lutron	DVTV DVSTV NTSTV MS-Z101

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

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LED Sport Light

Premium Series

PRODUCT SPECIFICATIONS:

Construction & Materials						
Lens	PC					
Reflector	Steel					
Housing	Aluminum					
Finish	Black/Red					
Weight	ASD-SPFL/15-300D50-PRM	29.6 lbs (13.4 kg)	ASD-SPFL-500D57-PRM	31.3 lbs (14.2 kg)	ASD-SPFLHV-300D50-PRM	29.9 lbs (13.6 kg)
	ASD-SPFL/15-500D50-PRM	29.6 lbs (13.4 kg)	ASD-SPFL-750D50-PRM	54.5 lbs (24.7 kg)	ASD-SPFLHV-500D50-PRM	31.3 lbs (14.2 kg)
	ASD-SPFL-300D50-PRM	29.6 lbs (13.4 kg)	ASD-SPFL-750D57-PRM	54.5 lbs (24.7 kg)	ASD-SPFLHV-500D57-PRM	31.3 lbs (14.2 kg)
	ASD-SPFL-300D57-PRM	29.6 lbs (13.4 kg)	ASD-SPFLHV/15-300D50-PRM	29.9 lbs (13.6 kg)	ASD-SPFLHV-750D50-PRM	55.9 lbs (25.3 kg)
	ASD-SPFL-500D50-PRM	31.3 lbs (14.2 kg)	ASD-SPFLHV/15-500D50-PRM	31.3 lbs (14.2 kg)	ASD-SPFLHV-750D57-PRM	55.9 lbs (25.3 kg)
Environmental System			Warranty & Certifications			
Work Environment	Suitable for Wet Locations, IP66		Warranty 7-years for operating less than 19Hrs per day, with ambient temperature <40°			
Operating Temperature	-40°F to 122°F (-40°C to 50°C)		DesignLights Consortium (DLC) listed (Classification: Premium) · Main: Outdoor Luminaires; · General Application: Very High Output; · Primary Use: Outdoor Pole/Arm-Mounted Area and Roadway Luminaires			
L-70 Life	> 50,000 hrs		cULus listed		E473804	
Optical System						
Luminous Flux	ASD-SPFL/15-300D50-PRM	40,970 lm	ASD-SPFL-500D57-PRM	66,908 lm	ASD-SPFLHV-300D50-PRM	40,507 lm
	ASD-SPFL/15-500D50-PRM	66,271 lm	ASD-SPFL-750D50-PRM	98,888 lm	ASD-SPFLHV-500D50-PRM	66,352 lm
	ASD-SPFL-300D50-PRM	40,483 lm	ASD-SPFL-750D57-PRM	99,780 lm	ASD-SPFLHV-500D57-PRM	66,941 lm
	ASD-SPFL-300D57-PRM	40,784 lm	ASD-SPFLHV/15-300D50-PRM	40,646 lm	ASD-SPFLHV-750D50-PRM	98,669 lm
	ASD-SPFL-500D50-PRM	66,286 lm	ASD-SPFLHV/15-500D50-PRM	66,232 lm	ASD-SPFLHV-750D57-PRM	99,497 lm
Color Temperature	5,000 K; 5,700 K					
CRI	ASD-SPFL/15-300D50-PRM	>70	ASD-SPFL-500D57-PRM	>80	ASD-SPFLHV-300D50-PRM	>80
	ASD-SPFL/15-500D50-PRM	>70	ASD-SPFL-750D50-PRM	>70	ASD-SPFLHV-500D50-PRM	>80
	ASD-SPFL-300D50-PRM	>80	ASD-SPFL-750D57-PRM	>70	ASD-SPFLHV-500D57-PRM	>80
	ASD-SPFL-300D57-PRM	>80	ASD-SPFLHV/15-300D50-PRM	>70	ASD-SPFLHV-750D50-PRM	>70
	ASD-SPFL-500D50-PRM	>80	ASD-SPFLHV/15-500D50-PRM	>70	ASD-SPFLHV-750D57-PRM	>70
Electrical System						
Input Voltage	Regular Voltage 100-277V AC 50/60 Hz		High Voltage 200-480V AC 50/60 Hz			
Max input current	ASD-SPFL/15-300D50-PRM	1.85 A	ASD-SPFL-500D57-PRM	5.0 A	ASD-SPFLHV-300D50-PRM	1.85 A
	ASD-SPFL/15-500D50-PRM	1.85 A	ASD-SPFL-750D50-PRM	9.0 A	ASD-SPFLHV-500D50-PRM	1.85 A
	ASD-SPFL-300D50-PRM	3.5 A	ASD-SPFL-750D57-PRM	7.5 A	ASD-SPFLHV-500D57-PRM	2.5 A
	ASD-SPFL-300D57-PRM	3.5 A	ASD-SPFLHV/15-300D50-PRM	1.85 A	ASD-SPFLHV-750D50-PRM	1.85 A
	ASD-SPFL-500D50-PRM	6.0 A	ASD-SPFLHV/15-500D50-PRM	3.0 A	ASD-SPFLHV-750D57-PRM	3.75 A
Inrush current	ASD-SPFL/15-300D50-PRM	70 A	ASD-SPFL-500D57-PRM	75 A	ASD-SPFLHV-300D50-PRM	50 A
	ASD-SPFL/15-500D50-PRM	75 A	ASD-SPFL-750D50-PRM	65 A	ASD-SPFLHV-500D50-PRM	50 A
	ASD-SPFL-300D50-PRM	70 A	ASD-SPFL-750D57-PRM	65 A	ASD-SPFLHV-500D57-PRM	50 A
	ASD-SPFL-300D57-PRM	75 A	ASD-SPFLHV/15-300D50-PRM	50 A	ASD-SPFLHV-750D50-PRM	50 A
	ASD-SPFL-500D50-PRM	75 A	ASD-SPFLHV/15-500D50-PRM	50 A	ASD-SPFLHV-750D57-PRM	35 A
Action time (Inrush current)	ASD-SPFL/15-300D50-PRM	0.85 S	ASD-SPFL-500D50-PRM	0.57 S	ASD-SPFLHV-300D50-PRM	0.85 S
	ASD-SPFL/15-500D50-PRM	0.53 S	ASD-SPFL-750D50-PRM	0.45 S	ASD-SPFLHV-500D50-PRM	0.53 S
	ASD-SPFL-300D50-PRM	1 S	ASD-SPFL-750D57-PRM	0.45 S	ASD-SPFLHV-500D57-PRM	0.53 S
	ASD-SPFL-300D57-PRM	0.57 S	ASD-SPFLHV/15-300D50-PRM	0.85 S	ASD-SPFLHV-750D50-PRM	0.53 S
	ASD-SPFL-500D57-PRM	0.57 S	ASD-SPFLHV/15-500D50-PRM	0.53 S	ASD-SPFLHV-750D57-PRM	0.53 S
AC input range	Regular Voltage min 90 V max 305 V		High Voltage min 180 V max 528 V			
Off State Power	0 W					
Power Consumption	ASD-SPFL/15-300D50-PRM	300 W	ASD-SPFL-500D57-PRM	500 W	ASD-SPFLHV-300D50-PRM	300 W
	ASD-SPFL/15-500D50-PRM	500 W	ASD-SPFL-750D50-PRM	750 W	ASD-SPFLHV-500D50-PRM	500 W
	ASD-SPFL-300D50-PRM	300 W	ASD-SPFL-750D57-PRM	750 W	ASD-SPFLHV-500D57-PRM	500 W
	ASD-SPFL-300D57-PRM	300 W	ASD-SPFLHV/15-300D50-PRM	300 W	ASD-SPFLHV-750D50-PRM	750 W
	ASD-SPFL-500D50-PRM	500 W	ASD-SPFLHV/15-500D50-PRM	500 W	ASD-SPFLHV-750D57-PRM	750 W
Power Factor	> 0.9					
Output voltage	48V					
Max output current	ASD-SPFL/15-300D50-PRM	6.7 A	ASD-SPFL-500D57-PRM	9.58 A	ASD-SPFLHV-300D50-PRM	6.7 A
	ASD-SPFL/15-500D50-PRM	10 A	ASD-SPFL-750D50-PRM	15.6 A	ASD-SPFLHV-500D50-PRM	10 A
	ASD-SPFL-300D50-PRM	6.7 A	ASD-SPFL-750D57-PRM	14.38 A	ASD-SPFLHV-500D57-PRM	10 A
	ASD-SPFL-300D57-PRM	9.58 A	ASD-SPFLHV/15-300D50-PRM	6.7 A	ASD-SPFLHV-750D50-PRM	20 A
	ASD-SPFL-500D50-PRM	10 A	ASD-SPFLHV/15-500D50-PRM	10 A	ASD-SPFLHV-750D57-PRM	20 A
LED Driver Class	Class I					

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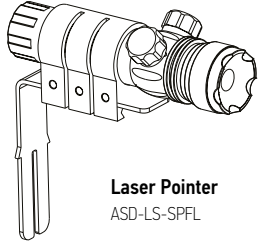
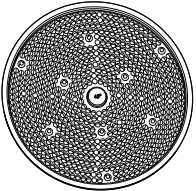
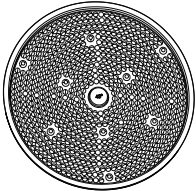
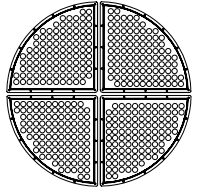
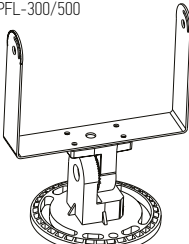
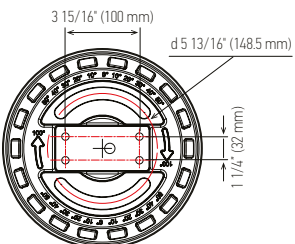
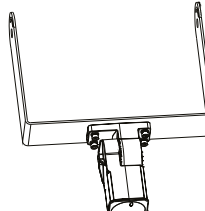
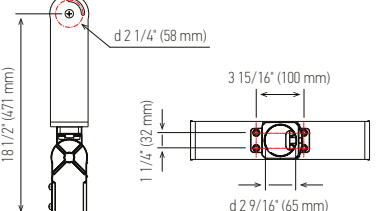




LED Sport Light

Premium Series

ACCESSORIES:

 Laser Pointer ASD-LS-SPFL	Lens 30° NEMA4 for 300-500W ASD-L30-SPFL-300/500 	Lens 80° NEMA6 for 300-500W ASD-L80-SPFL-300/500 	Lens 15° NEMA3 for 600-1250W ASD-SF-SPFL-300/500 
Rotatable Base with straight arm bracket for 300-500W ASD-RB-SPFL-300/500  		Slip-fitter with straight arm bracket for 300-500W ASD-SF-SPFL-300/500  	

INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

- ▶ 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.

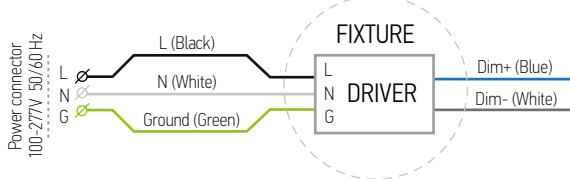
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

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

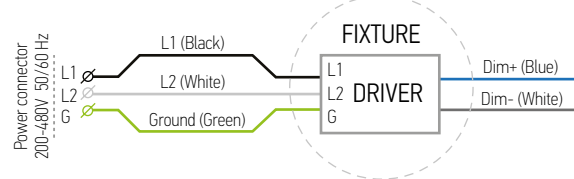
ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

ELECTRICAL SCHEMATIC DIAGRAM

REGULAR VOLTAGE

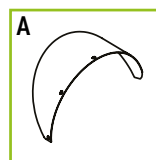


HIGH VOLTAGE



PACKAGE CONTENTS:

Description	Q-ty
LED Sport Light Fixture	1
Visor (A)	1
Box	1
Installation Instructions	3



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

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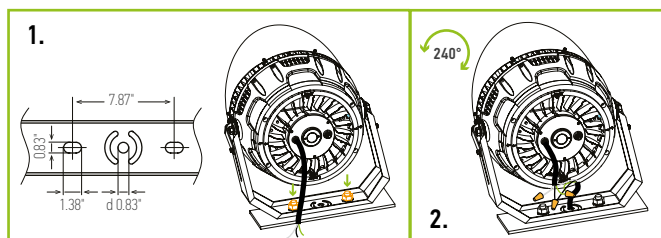


LED Sport Light

Premium Series

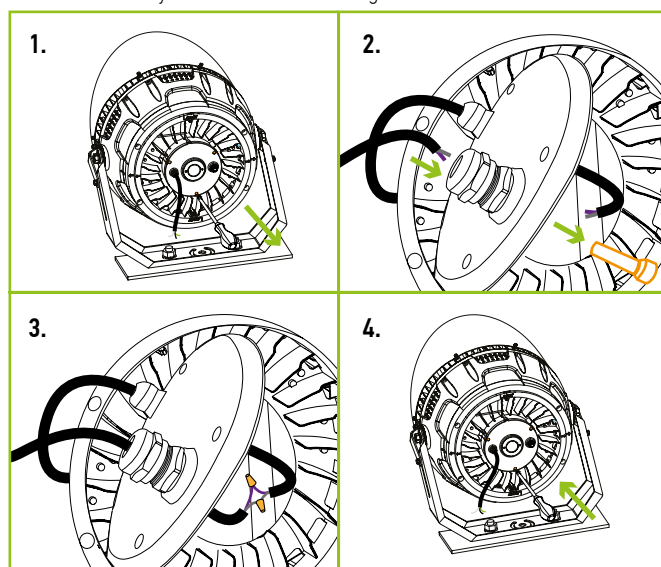
INSTALLATION STEPS

- Figure 1 shows the bolt pattern of the mount. Secure the fixture using the 2 mounting holes.
- Pull the wire through the center hole to complete the wiring. Make sure that your connection is watertight.



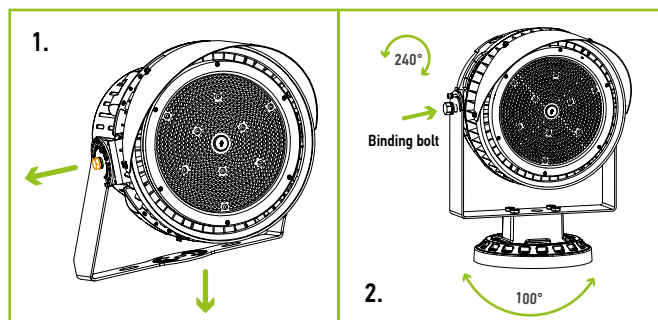
INSTALLATION STEPS DIMMING WIRE

- Using a screw driver remove the circular plate on the back of the fixture (see figure 1)
- Connect the dimming wires and bring them through the back plate.
- Reattach cover and tighten the bolts. If the cover is installed incorrectly the warranty will be voided.
- Make sure that your connection is watertight.



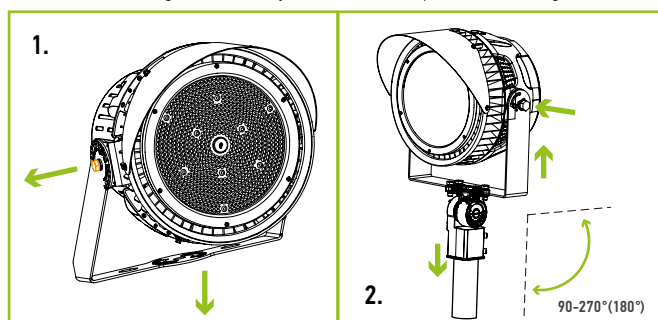
300W/500W ROTATABLE BASE WITH STRAIGHT ARM BRACKET INSTALLATION STEPS

- Use a wrench to loosen the screw on original U bracket and remove it.
- Install the straight arm bracket onto the rotatable base. Install the fixture. Adjust to desired angle with binding bolt.



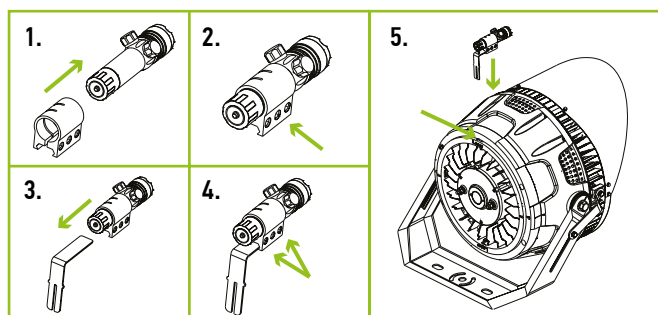
300W/500W SLIP-FITTER WITH STRAIGHT ARM BRACKET INSTALLATION STEPS

- Use a wrench to loosen the screw on original U bracket and remove it.
- Install the straight arm bracket onto the slip fitter. Install the fixture onto the new bracket. Angles can be adjusted with the slip fitter or binding bolts.



300W/500 W LASER POINTER INSTALLATION STEPS

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



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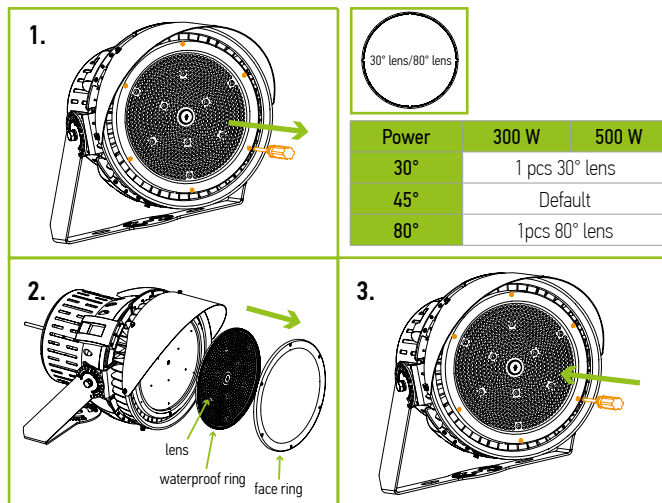


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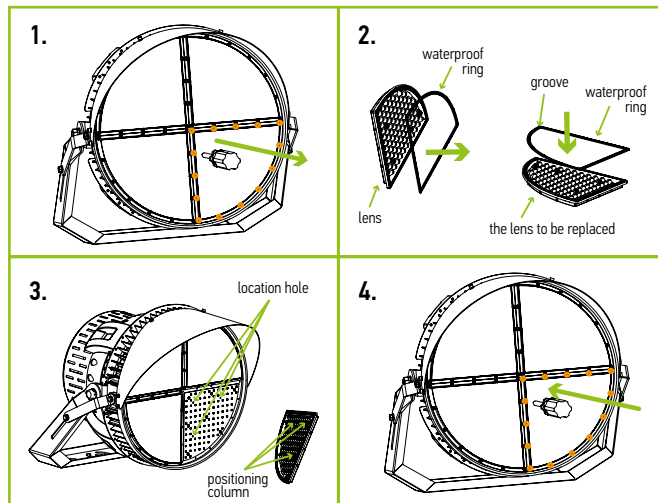
300W/500 W LENS INSTALLATION STEPS

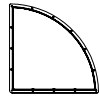
1. Using a screwdriver to remove screws from the lamp's cover, total 6pcs
2. Remove the face ring and lens with waterproof ring from the lamp body. Remove the waterproof ring from the lens and mount it on the replaced lens. Line the positioning column of the lens with the waterproof ring on the positioning hole of the aluminum substrate. Install the screw head on the lens above the lamp body to fill the screw head vacancy.
3. Lock the face ring screws with the screwdriver. Make sure that your connection is watertight.

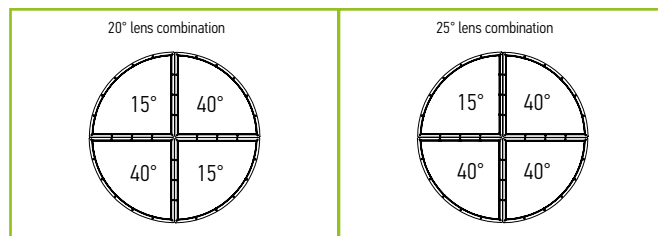


750W LENS INSTALLATION STEPS

1. Using screw driver to remove the screws from the lens. Total 56 pcs of crews.
2. Taking off the waterproof ring from lens. Putting waterproof ring on the new lens. Please note that the grooved side of the ring faces out.
3. Align the positioning post on the lens of the waterproof ring with the positioning hole on the aluminum substrate to position the lens.
4. Lock the lens tightly with a screwdriver.
5. Make sure that your connection is watertight.



Power	750 W	15° lens / 40° lens
15°	4 pcs 15° lens	
20°	2 pcs 15° lens + 2 pcs 40° lens	
25°	1pcs 15° lens + 3pcs 40° lens	
40°	Default	



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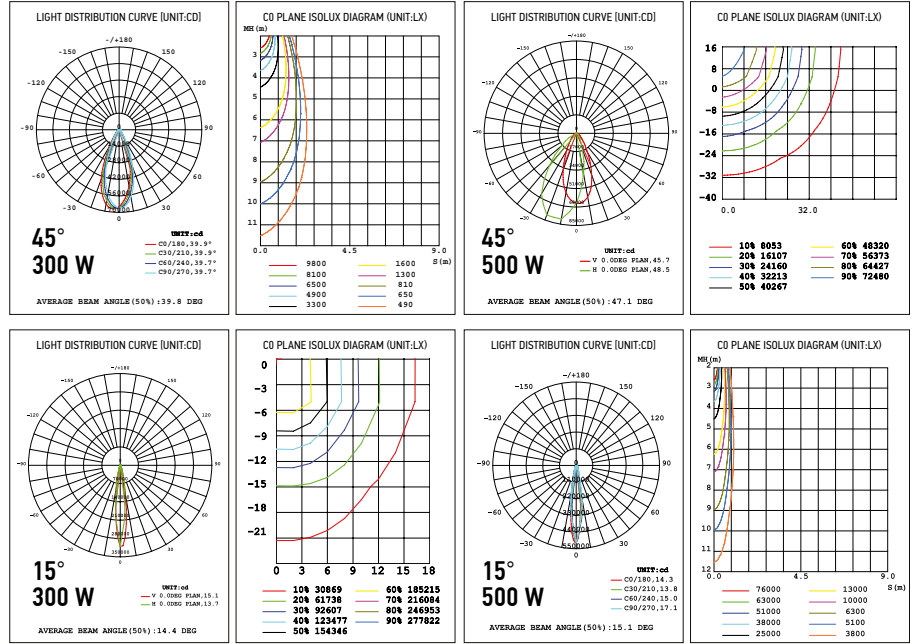
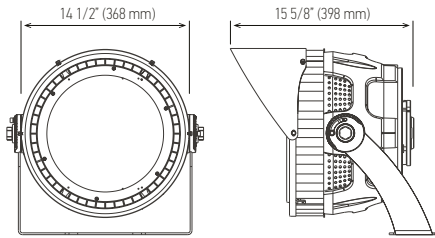


LED Sport Light

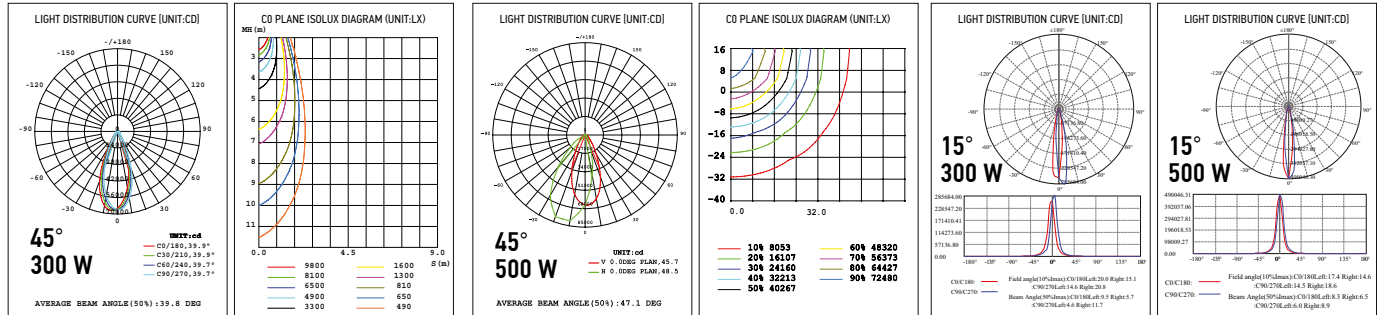
Premium Series

300 W, 500 W

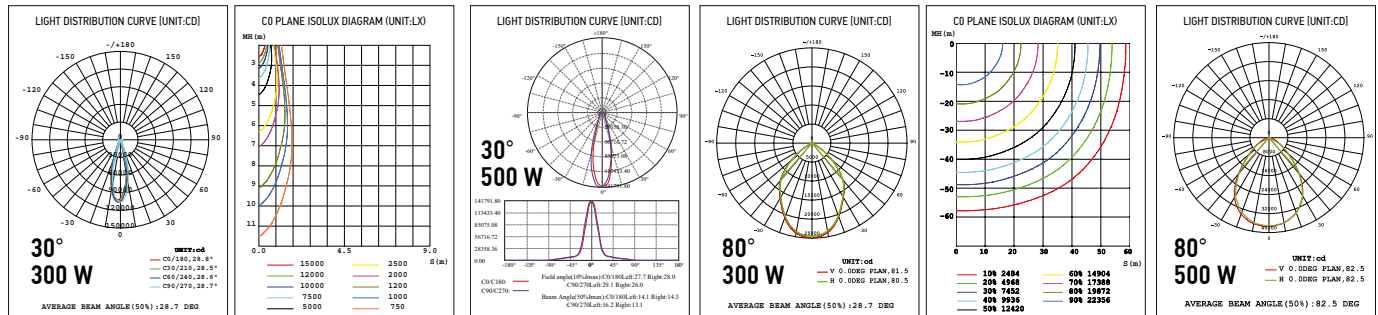
REGULAR VOLTAGE



HIGH VOLTAGE



LENS COMBINATION



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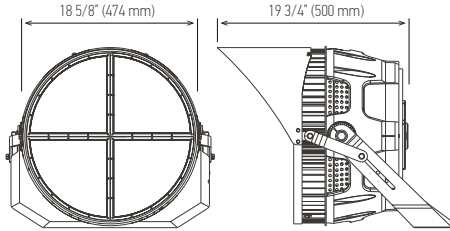




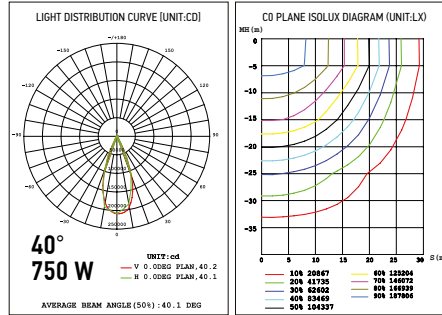
LED Sport Light

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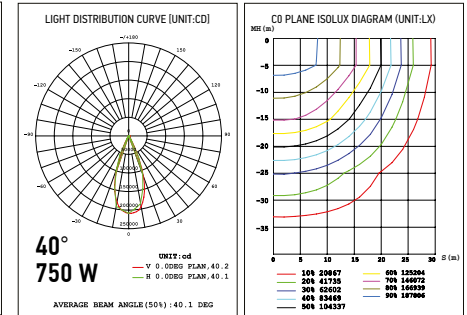
750 W



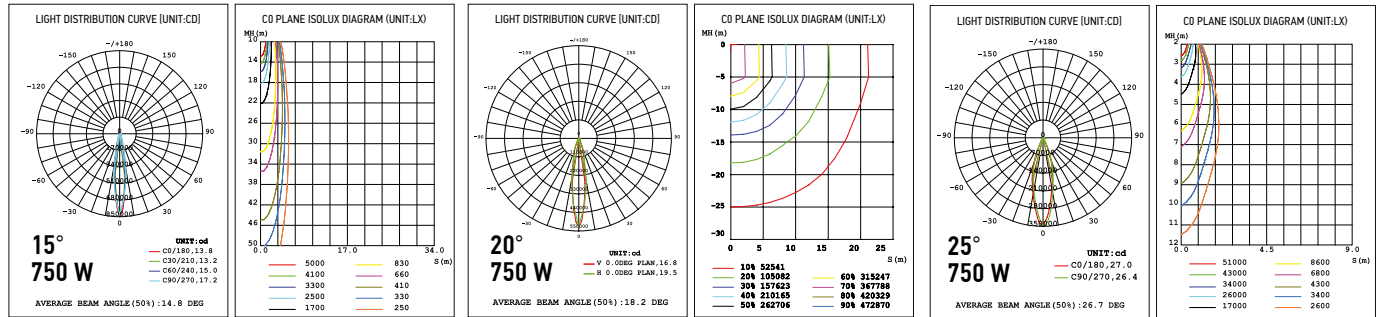
REGULAR VOLTAGE



HIGH VOLTAGE



LENS COMBINATION



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Premium Series

ORDERING INFORMATION

LED SPORT LIGHT:

Model	Watts	CCT	UPC	Pcs in one Carton	Carton Size	Carton Weight
ASD-SPFL/15-300D50-PRM	300	5,000 K	819201026326	1	17.7" x 17.7" x 14.0"	29.63 lbs
ASD-SPFL/15-500D50-PRM	500	5,000 K	819201026333	1	17.7" x 17.7" x 14.0"	29.63 lbs
ASD-SPFL-300D50-PRM	300	5,000 K	819201024674	1	17.7" x 17.7" x 14.0"	34.79 lbs
ASD-SPFL-300D57-PRM	300	5,700 K	819201028443	1	17.7" x 17.7" x 14.0"	34.79 lbs
ASD-SPFL-500D50-PRM	500	5,000 K	819201024681	1	17.7" x 17.7" x 14.0"	36.38 lbs
ASD-SPFL-500D57-PRM	500	5,700 K	819201027859	1	17.7" x 17.7" x 14.0"	36.38 lbs
ASD-SPFL-750D50-PRM	750	5,000 K	819201024698	1	24.4" x 22.4" x 16.3"	54.45 lbs
ASD-SPFL-750D57-PRM	750	5,700 K	819201027866	1	24.4" x 22.4" x 16.3"	64.82 lbs
ASD-SPFLHV/15-300D50-PRM	300	5,000 K	819201026340	1	17.7" x 17.7" x 14.0"	29.89 lbs
ASD-SPFLHV/15-500D50-PRM	500	5,000 K	819201026357	1	17.7" x 17.7" x 14.0"	31.26 lbs
ASD-SPFLHV-300D50-PRM	300	5,000 K	819201026272	1	17.7" x 17.7" x 14.0"	29.89 lbs
ASD-SPFLHV-500D50-PRM	500	5,000 K	819201025749	1	17.7" x 17.7" x 14.0"	31.26 lbs
ASD-SPFLHV-500D57-PRM	500	5,700 K	819201027873	1	17.7" x 17.7" x 14.0"	36.42 lbs
ASD-SPFLHV-750D50-PRM	750	5,000 K	819201026289	1	24.4" x 22.4" x 16.3"	55.87 lbs
ASD-SPFLHV-750D57-PRM	750	5,700 K	819201027897	1	24.4" x 22.4" x 16.3"	66.23 lbs

ACCESSORIES:

Model	Name		Materials	Weight	Dimensions
ASD-SF-SPFL-300/500	ASD Slip-fitter with straight arm bracket		Aluminum	7.72 lbs (3.5 kg)	14 3/4" x 3 1/2" x 18 1/2"
ASD-RB-SPFL-300/500	ASD Rotatable Base with straight arm bracket		Aluminum	11.35 lbs (5.15 kg)	14 3/4" x 10 5/8" x 18 3/4"
ASD-LS-SPFL	ASD Laser Pointer		Aluminum	0.88 lbs (0.40 kg)	6" x 1 1/8" x 3 1/8"
ASD-L30-SPFL-300/500	30° Lens for 300-500W		PC	0.46 lbs (0.21 kg)	10 5/8" x 10 5/8" x 3/8"
ASD-L80-SPFL-300/500	80° Lens for 300-500W		PC	0.46 lbs (0.21 kg)	10 5/8" x 10 5/8" x 3/8"
ASD-L15-SPFL-600/1250	15° Lens for 600-1,250W		PC	0.53 lbs (0.24 kg)	8 5/8" x 8 5/8" x 5/8"
Model	Pcs in one Carton	Carton Size	Carton Weight	UPC	GTIN 14
ASD-SF-SPFL-300/500	5	19.9" x 15.9" x 12.4	42.5 lbs	819201026418	10819201026415
ASD-RB-SPFL-300/500	2	22.2" x 15.9" x 12.4	24.7 lbs	819201026425	10819201026422
ASD-LS-SPFL	10	12.2" x 12.2" x 7.5"	12.8 lbs	819201026432	10819201026439
ASD-L30-SPFL-300/500	20	12.2" x 12.2" x 8.46"	11.02 lbs	819201024704	10819201024701
ASD-L80-SPFL-300/500	20	12.2" x 12.2" x 8.46"	11.02 lbs	819201025770	10819201025777
ASD-L15-SPFL-600/1250	20	12.2" x 12.2" x 8.46"	12.35 lbs	819201024711	10819201024718

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

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