

SPORTS FIELDS & STADIUMS - TRANSPORTATION TERMINALS



# LED SPORTS LIGHT ISF SERIES



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Rev. date: 2024-05-08

Project Name:

Project Number:

Note:

Date:

# ISF SERIES LED SPORTS LIGHTING

Project Name:

400 WISF - 1200 WISF

1000W - 2500W HPS EQUIVALENT

Date:

Project Number:

Note:

## Features

### APPLICATION

Sports Field, Stadium,  
Airport/Seaport terminal

### CONSTRUCTION

Die-cast aluminum alloy  
Corrosion resistant polyester powder coating  
2 mounting brackets available

### OPERATIONAL TEMPERATURE

400W & 800W: -40°C to +50°C (-40°F to +122°F)  
600W & 1200W: -40°C to +45°C (-40°F to +113°F)

### OPTICS

Different distributions available  
CCT 3000K, 4000K, 5000K, 5700K  
CRI 70, optional CRI80, CRI90  
IP-66 rated LED module  
Visor available  
LED light engine, L80 > 100,000 hours  
@ 25°C ambient per LM80

### ELECTRICAL

Input Voltage 120-277V or 277-480V  
20KV surge protection device  
0-10V dimmable  
IP-66 rated LED driver  
Power Factor > 0.9  
Total Harmonic Distortion (THD) <15%  
LED driver expected life >100,000  
hours @25°C ambient

### WARRANTY

Standard 5-year warranty  
Optional 10-year warranty

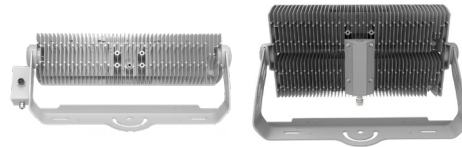
### CERTIFICATIONS

UL 1598, suitable for wet location  
ISO 9001

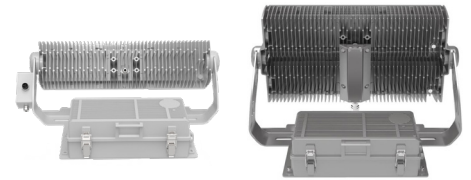


## Driver Options

### REMOTE DRIVER



### INTEGRATED DRIVER



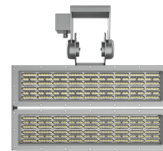
## Mounting

### TYPE A

Adjustable Bolt



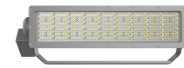
400W-600W



800W-1200W

### TYPE B

Yoke Mount



400W-600W



800W-1200W

## Accessory

### VISOR



# ISF SERIES LED SPORTS LIGHTING

Project Name:

**400 WiSF - 1200 WiSF**      1000W - 2500W HPS EQUIVALENT

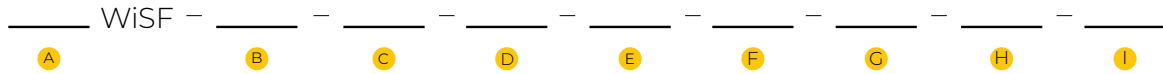
Date:

Project Number:

Note:

## Ordering Information

EXAMPLE: 400WiSF-NV-S35-00-3070-15D-A-SG-V



Watts	Voltage	LED Chips	Type of Sensor	CCT & CRI
<b>400 WiSF</b> 400W <b>600 WiSF</b> 600W <b>800 WiSF</b> 800W <b>1,200 WiSF</b> 1,200W	<b>NV</b> 100-277V <b>HV</b> 277-480V	<b>S35</b> <b>S5</b>	<b>00</b> Without Sensor <b>SN</b> Motion Sensor <b>PH</b> Photocell <b>WC</b> Wireless Control System	<b>3070</b> 3000K 70 CRI <b>4070</b> 4000K 70 CRI <b>5070</b> 5000K 70 CRI <b>5770</b> 5700K 70 CRI <b>3080</b> 3000K 80 CRI <b>4080</b> 4000K 80 CRI <b>5080</b> 5000K 80 CRI <b>5780</b> 5700K 80 CRI

Distribution	Mounting	Finish	Accessory
<b>15D</b> Narrow (NEMA 3X3) with S35 <b>2030D</b> Medium Narrow (NEMA 4X3) with S35 <b>30D</b> Medium (NEMA 4X4) with S5 <b>3585D</b> Wide (NEMA 7X4) with S5	<b>A</b> Adjustable Mount <b>B</b> Yoke Mount	<b>SG</b> Gray <b>BK</b> Black <b>X</b> Custom	<b>V</b> Visor <b>LAD</b> Laser Aiming Device <b>ID</b> Integrated Driver <b>RD</b> Remote Driver

## Technical Specifications

Model	Watts	Equivalence	Distribution	Lumen Output					
				3000K		4000K		5000K/5700K	
				With Visor	No Visor	With Visor	No Visor	With Visor	No Visor
<b>400WiSF</b>	400W	1000W HPS	15D (3X3) 2030D (4x3)	46,900 lm	52,528 lm	50,000 lm	56,000 lm	51,546 lm	57,732 lm
			30D (4X4) 3585D (7X4)	50,652 lm	56,280 lm	54,000 lm	60,000 lm	55,670 lm	61,856 lm
			15D (3X3) 2030D (4x3)	70,350 lm	78,792 lm	75,000 lm	84,000 lm	77,320 lm	86,598 lm
<b>600WiSF</b>	600W	1500W HPS	30D (4X4) 3585D (7X4)	75,978 lm	84,420 lm	81,000 lm	90,000 lm	83,505 lm	92,784 lm
			15D (3X3) 2030D (4x3)	93,800 lm	105,056 lm	100,000 lm	112,000 lm	103,093 lm	115,464 lm
			30D (4X4) 3585D (7X4)	101,304 lm	112,560 lm	108,000 lm	120,000 lm	111,340 lm	123,711 lm
<b>800WiSF</b>	800W	2000W HPS	15D (3X3) 2030D (4x3)	140,700 lm	140,700 lm	150,000 lm	168,000 lm	154,639 lm	173,196 lm
			30D (4X4) 3585D (7X4)	151,956 lm	151,956 lm	162,000 lm	180,000 lm	167,010 lm	185,567 lm
			15D (3X3) 2030D (4x3)	140,700 lm	140,700 lm	150,000 lm	168,000 lm	154,639 lm	173,196 lm
<b>1200WiSF</b>	1200W	2500W HPS	30D (4X4) 3585D (7X4)	151,956 lm	151,956 lm	162,000 lm	180,000 lm	167,010 lm	185,567 lm
			15D (3X3) 2030D (4x3)	140,700 lm	140,700 lm	150,000 lm	168,000 lm	154,639 lm	173,196 lm

# ISF SERIES LED SPORTS LIGHTING

Project Name:

400 WiSF - 1200 WiSF

1000W - 2500W HPS EQUIVALENT

Date:

Project Number:

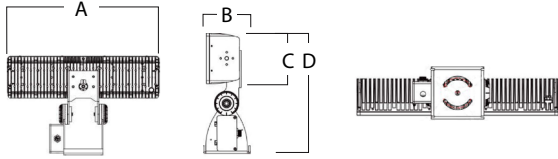
Note:

## Product Dimensions

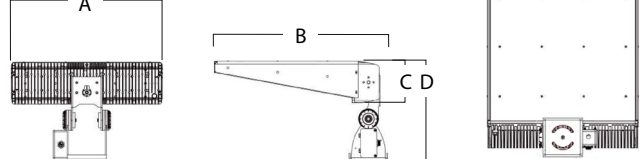
### TYPE A - Adjustable Bolt with Remote Driver

Horizontal Orientation:  $\pm 63^\circ$  / Vertical Tilting: 0-90°

Type A Without Visor



Type A With Visor

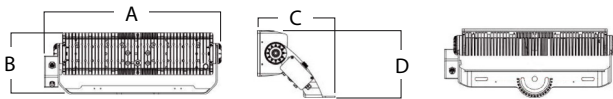


	TYPE A		TYPE A With Visor	
	400W - 600W	800W - 1200W	400W - 600W	800W - 1200W
<b>A</b>	23.6"	23.9"	23.6"	23.9"
<b>B</b>	6.1"	6.1"	27.4"	31.1"
<b>C</b>	6.5"	13.2"	6.6"	13.3"
<b>D</b>	15.4"	22.1"	15.5"	22.2"
<b>Packaging</b>	26.0" * 20.7" * 7.5"	27.2" * 27.2" * 7.5"	26.4" * 24.4" * 8.5"	28.5" * 23.2" * 14.8"
<b>Net Weight</b>	29.1 lbs	49.2 lbs	35.3 lbs	57.8 lbs
<b>Gross Weight</b>	33.5 lbs	53.6 lbs	40.1 lbs	63.3 lbs
<b>EPA</b>	1.2 ft <sup>2</sup> (top); 0.6 ft <sup>2</sup> (front)	2.3 ft <sup>2</sup> (top); 0.6 ft <sup>2</sup> (front)	4.2 ft <sup>2</sup> (top); 1.2 ft <sup>2</sup> (front)	4.8 ft <sup>2</sup> (top); 2.3 ft <sup>2</sup> (front)

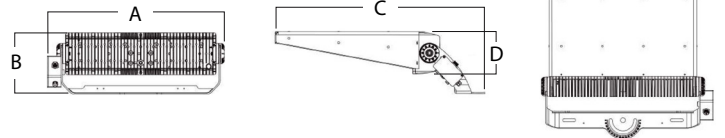
### TYPE B - Yoke Mount with Remote Driver

Horizontal Orientation:  $\pm 90^\circ$  / Vertical Tilting: -180°-110° / 5° Increments

Type B Without Visor



Type B With Visor



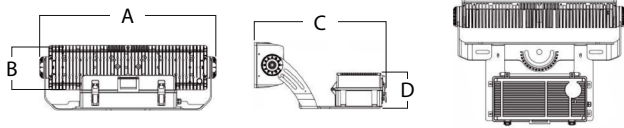
	TYPE B		TYPE B With Visor	
	400W - 600W	800W - 1200W	400W - 600W	800W - 1200W
<b>A</b>	27.7"	27.7"	27.7"	27.7"
<b>B</b>	9.5"	14.5"	9.6"	14.6"
<b>C</b>	11.1"	14.0"	32.9"	39.3"
<b>D</b>	6.5"	13.2"	6.6"	13.3"
<b>Packaging</b>	27.7" * 11.1" * 9.5"	27.7" * 13.2" * 14.5"	27.7" * 32.9" * 9.6"	27.7" * 39.3" * 14.6"
<b>Net Weight</b>	28.2 lbs	51.8 lbs	34.4 lbs	60.0 lbs
<b>Gross Weight</b>	32.6 lbs	57.3 lbs	39.9 lbs	66.6 lbs
<b>EPA</b>	1.1 ft <sup>2</sup> (top); 1.4 ft <sup>2</sup> (front)	1.2 ft <sup>2</sup> (top); 2.5 ft <sup>2</sup> (front)	4.7 ft <sup>2</sup> (top); 1.4 ft <sup>2</sup> (front)	1.2 ft <sup>2</sup> (top); 5.4 ft <sup>2</sup> (front)

## cont. Product Dimensions

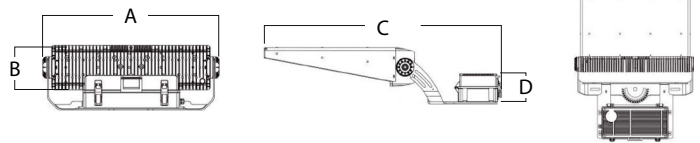
### TYPE B - Yoke Mount with Integrated Driver

Horizontal Orientation:  $\pm 90^\circ$  / Vertical Tilting:  $-180^\circ$ - $110^\circ$  /  $5^\circ$  Increments

Type B Without Visor



Type B With Visor



	TYPE B		TYPE B With Visor	
	400W - 600W	800W - 1200W	400W - 600W	800W - 1200W
<b>A</b>	26.2"	27.7"	26.2"	27.7"
<b>B</b>	9.5"	14.5"	9.6"	14.6"
<b>C</b>	19.3"	22.1"	41.1"	47.5"
<b>D</b>	4.8"	4.8"	4.8"	4.8"
<b>Packaging</b>	26.2"×19.3"×9.5"	27.7"×22.1"×14.5"	26.2"×41.1"×9.6"	27.7"×47.5"×14.6"
<b>Net Weight</b>	46.5 lbs	71.7 lbs	52.7 lbs	80.0 lbs
<b>Gross Weight</b>	50.9 lbs	77.2 lbs	58.2 lbs	86.6 lbs
<b>EPA</b>	2.0 ft <sup>2</sup> (top); 1.5 ft <sup>2</sup> (front)	2.1 ft <sup>2</sup> (top); 2.5 ft <sup>2</sup> (front)	5.6 ft <sup>2</sup> (top); 1.5 ft <sup>2</sup> (front)	6.3 ft <sup>2</sup> (top); 2.5 ft <sup>2</sup> (front)

## Photometrics

800WiSF Tilt at 60° | ■ Black 0.1 ■ Green 0.5 ■ Blue 1.0 | 100'x100' Grid, MH= 70'

15D Narrow

2030D Medium Narrow

30D Medium

3585D Wide

