

INTERCEPT® VFS

ARENA/SPORTS FLOODLIGHT

FEATURES

- The Intercept® low glare shields provide industry leading glare reduction with minimal effect on light output
- Delivered lumens up to 90,000
- Scalable LED modules allow for an optimized configuration for various lumen output targets
- Up to 40°C ambient temperature rating
- Built in surge suppression adds an additional layer of protection for the luminaire's driver



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Heavy duty die-cast aluminum housing
- Light engine is thermally isolated from driver components
- UV stabilized polyester powder paint finish
- Horizontal and vertical aiming

INSTALLATION

- Heavy duty steel yoke mount secured with 3/4" bolt
- Fixture comes with horizontal and vertical protractors
- If a fixture is intended to be aimed above 90 degrees the glare control shields must be removed as they will fill with debris

ELECTRICAL

- Five distributions to maximize performance: 2x2, 3x3, 4x4, 5x5, 6x6
- -40°C TO 40°C operating temp range
- 20kA surge protection device standard
- 0–10V dimming driver standard, dimming leads must be extended for connection to control systems (CD option)
- 120–480V configurations 50/60Hz
- Driver RoHS compliant

CERTIFICATIONS

- IP66, listed to UL1598 for use in wet locations
- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See [Buy American Solutions](#)

WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information



RELATED PRODUCTS

- ⌘ [SLS HID](#) ⌘ [Matrix MAF](#)

KEY DATA	
Lumen Range	35,000–96,000
Wattage Range	440–880
Efficacy Range (LPW)	87–115
Weights lbs. (kg)	100 (45)

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

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ORDERING GUIDE

Example: VFS-Y-63L-440-3K7-2-120-6C-CD-LGC

CATALOG #

Family	Mount	Engine Watts	CCT	Distribution	Voltage	Cord
VFS Flood Sports Lighting	Y Yoke UMY Under Mount Yoke	63L-440 440W, 45,000 lm 84L-660 660W, 60,000 lm 126L-880 880W, 90,000 lm	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI 57K7 5700K, 70 CRI 4K8 4000K, 80 CRI 5K8 5000K, 80 CRI 57K8 5700K, 80 CRI 4K9 4000K, 90 CRI 5K9 5000K, 90 CRI 57K9 5700K, 90 CRI	2 2x2 3 3x3 4 4x4 5 5x5 6 6x6 AV Aviation Optics ¹	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	3C 3' Prewired SEOWA cord 6C 6' Prewired SEOWA cord 12C 12' Prewired SEOWA cord ²

Control Options	Options
CD Continuous dimming NXWE NX Fixture Module DMX DMX/RDM	LGC Less Glare Control SF Single Fuse DF Double Fuse GL Glass Lens

Notes:

- 1 Includes glass lens
- 2 12' cord is default option

OPTIONS AND ACCESSORIES

Accessories (Ordered Separately)

- ☐ **VFSVISOR** Top Visor
- ☐ **93093927** Laser Aiming Assembly
- ☐ **93101964** Safety Cable
- ☐ **ACC-O-HLLOL-VFS-MTG-SF-LGS** Intercept Slip-Fit Adapter

DELIVERED LUMENS

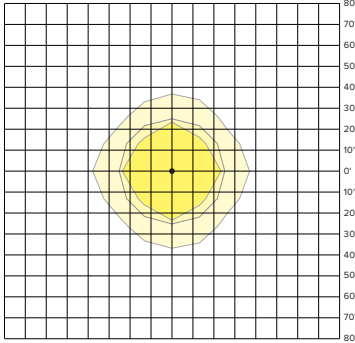
SERIES	NOMINAL WATTS	NEMA	BEAM ANGLE	FIELD ANGLE	5K (5000K NOMINAL, 70 CRI)			4K (4000K NOMINAL, 70 CRI)			3K (3000K NOMINAL, 70 CRI)		
					LUMENS	LPW	MAX BEAM CANDLEPOWER	LUMENS	LPW	MAX BEAM CANDLEPOWER	LUMENS	LPW	MAX BEAM CANDLEPOWER
VFS	440	2x2	13°x13°	29°x29°	39462	96	488476	38737	94	488476	35710	87	452279
		3x3	22°x22°	34°x34°	41852	101	278250	41083	99	278250	38042	92	278250
		4x4	45°x45°	62°x62°	43076	104	81987	42285	102	81987	39155	95	81987
		5x5	40°x40°	71°x71°	43202	105	77823	42408	103	77823	39269	95	77823
		6x6	75°x79°	104°x104°	48118	115	31763	47234	113	31763	43738	105	31763
	660	2x2	13°x13°	29°x29°	52616	94	488476	51649	93	488476	47826	86	488476
		3x3	22°x22°	34°x34°	55803	100	278250	54777	98	278250	50722	91	278250
		4x4	45°x45°	62°x62°	57435	103	81987	56380	101	81987	52206	94	81987
		5x5	40°x40°	71°x71°	57602	103	77823	56544	102	77823	52358	94	77823
		6x6	75°x79°	104°x104°	64158	115	31763	62978	113	31763	62978	113	31763
	880	2x2	13°x13°	29°x29°	70966	86	488476	77474	94	488476	71739	87	488476
		3x3	22°x22°	34°x34°	83704	101	278250	82166	99	278250	76084	92	278250
		4x4	45°x45°	62°x62°	86153	104	81987	84570	102	81987	78309	95	81987
		5x5	40°x40°	71°x71°	86403	105	77823	84816	103	77823	78537	95	77823
		6x6	75°x79°	104°x104°	96237	115	31763	94468	113	31763	87475	105	31763

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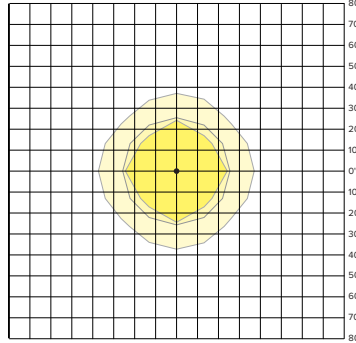
PHOTOMETRY

VFS-Y-126L-880-2



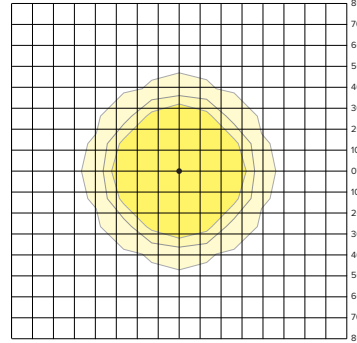
Mounting Distance: 60'

VFS-Y-126L-880-3



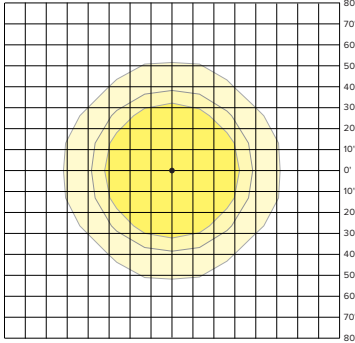
Mounting Distance: 60'

VFS-Y-126L-880-4



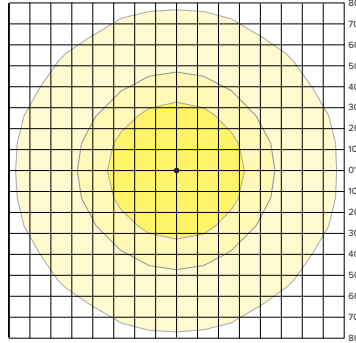
Mounting Distance: 60'

VFS-Y-126L-880-5



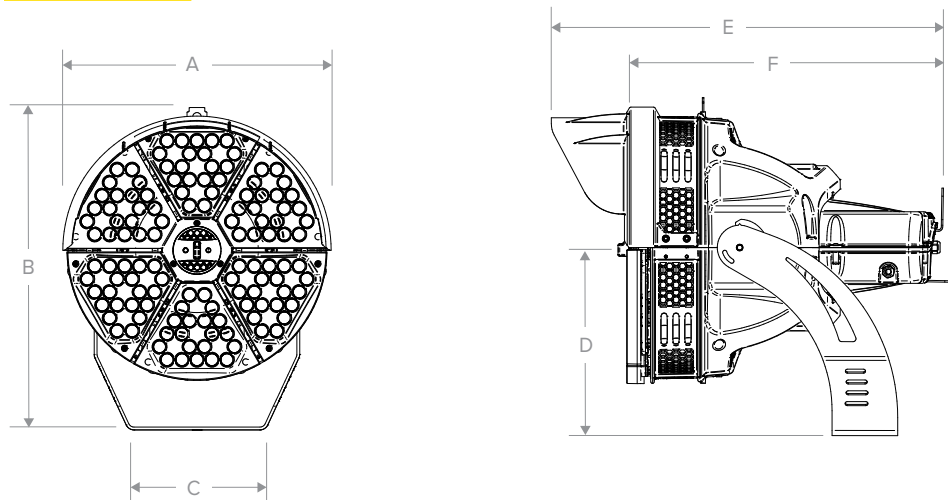
Mounting Distance: 60'

VFS-Y-126L-880-6



Mounting Distance: 60'

DIMENSIONS



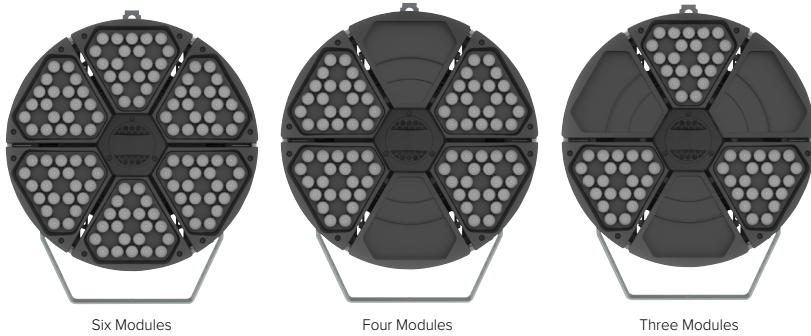
A	B	C	D	E	F	Weight	EPA
23.5"	28.3"	12.0"	15.6"	32.66"	26.32"	100 lbs	4.2 (with visor)
597 mm	719 mm	305 mm	401 mm	812 mm	668 mm	45 kg	3.9

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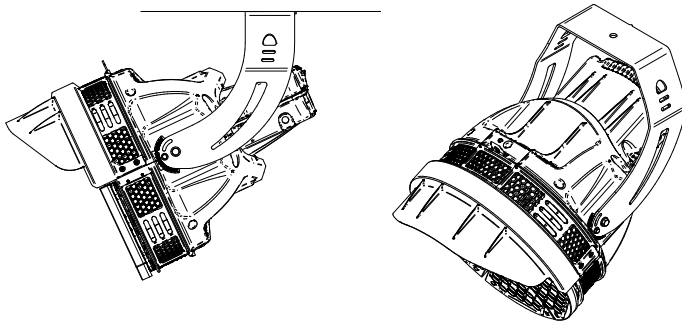
ARENA/SPORT FLOODLIGHT

ADDITIONAL INFORMATION

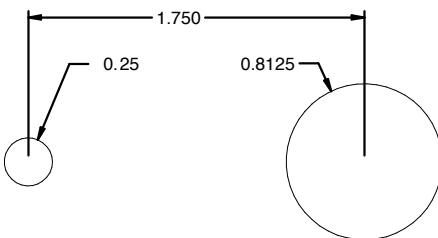
MODULE TYPES



UNDER MOUNT YOKE



INSTALLATION DETAILS



Mounting pattern used for crossarm installation. Secondary hole is used to keep the horizontal protractor stationary. [See instruction sheet](#) for additional mounting details.

