BEACON
design . performance . technology

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

UL CERTIFIED   IP66   BUY AMERICAN SOLUTIONS   See Certification Specifications

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 ¾" bolt
- Fixture comes with horizontal and vertical protractors

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.

WARRANTY
- 5 year warranty

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

Current

INTERCEPT® VFS
ARENA/SPORTS FLOODLIGHT

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	63L-440	440W, 45,000 lm	3K7	3000K, 70 CRI	2	2x2	120	120V	3C	3' Prewired SEOWA cord
		UMY	Under Mount Yoke	84L-660	660W, 60,000 lm	4K7	4000K, 70 CRI	3	3x3	208	208V	6C	6' Prewired SEOWA cord
				126L-880	880W, 90,000 lm	5K7	5000K, 70 CRI	4	4x4	240	240V	12C	12' Prewired SEOWA cord[2]
						57K7	5700K. 70 CRI	5	5x5	277	277V		
						4K8	4000K, 80 CRI	6	6x6	347	347V		
						5K8	5000K, 80 CRI	AV	Aviation Optics[1]	480	480V		
						57K8	5700K, 80 CRI						
						4K9	4000K, 90 CRI						
						5K9	5000K, 90 CRI						
						57K9	5700K, 90 CRI						

Control Options		Options	
CD	Continuous dimming	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 Tool
☐	**93101964**	Safety Cable
☐	**93096024**	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

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

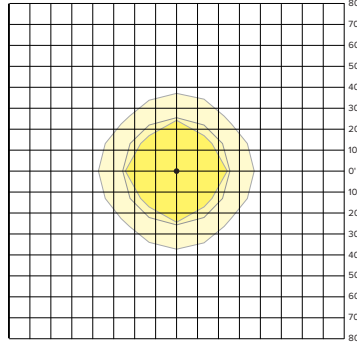# INTERCEPT® VFS
ARENA/SPORTS FLOODLIGHT
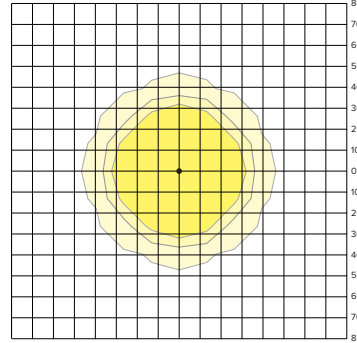
PHOTOMETRY

VFS-Y-126L-880-2
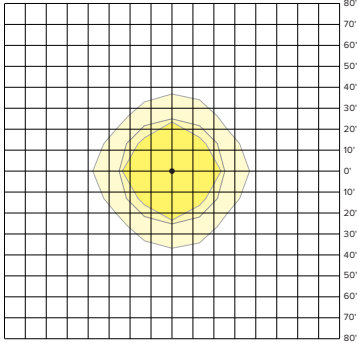
Mounting Distance: 60'
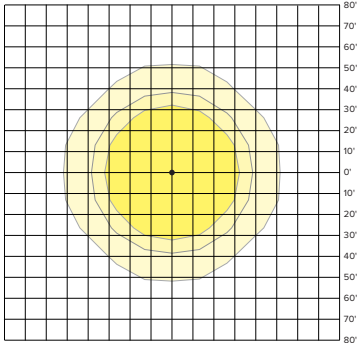
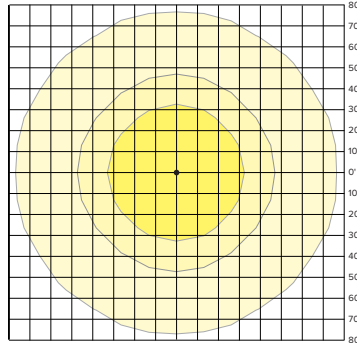**VFS-Y-126L-880-3**

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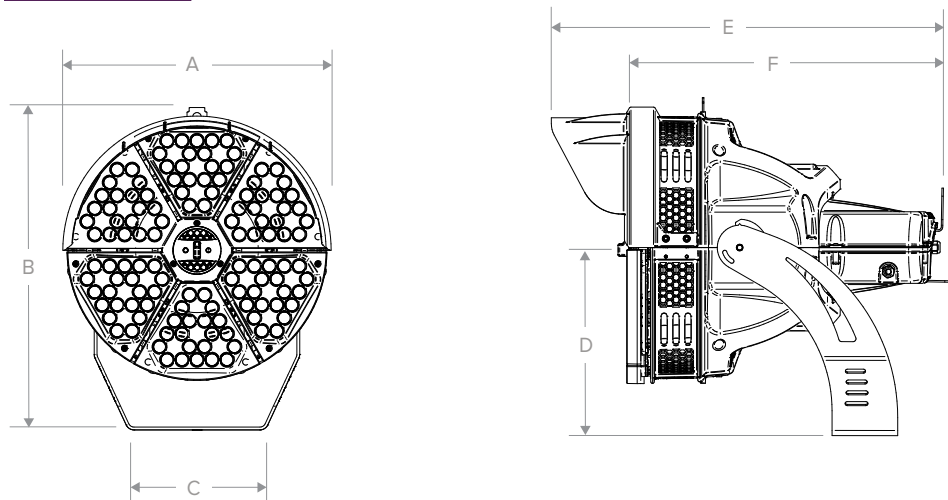
A	B	C	D	E	F	Weight	EPA
23.5"	28.3"	12.0"	15.6"	32.66"	26.32"	100 lbs	4.2 (with visor)
597 mm	719 mm	305 mm	401 mm	812 mm	668 mm	45 kg	3.9

INTERCEPT® VFS
ARENA/SPORTS FLOODLIGHT

ADDITIONAL INFORMATION

MODULE TYPES

Six Modules

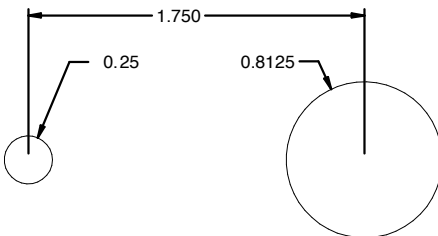Four Modules

Three Modules
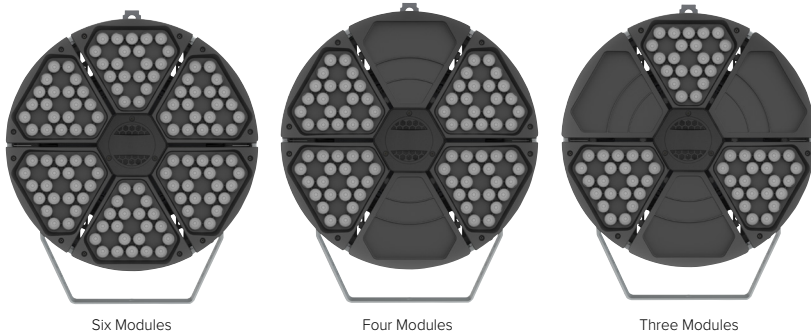
UNDER MOUNT YOKE
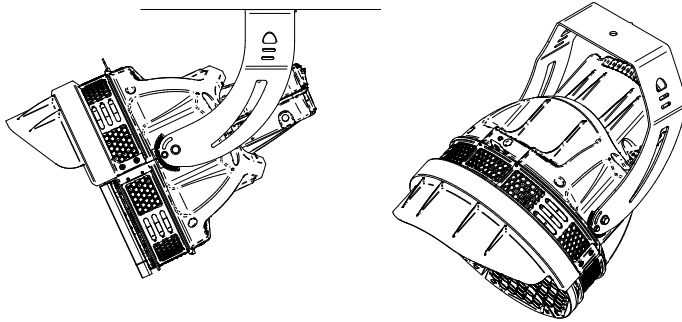
INSTALLATION DETAILS

1.750

0.25

0.8125

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

POWER CORD

VERTICAL PROTRACTOR

3/4-10 BOLT
3/4" FLAT WASHER

BEARING BLOCK

3/4-10 NUT

HORIZONTAL PROTRACTOR

Intercept_VFS_Spec_R01