

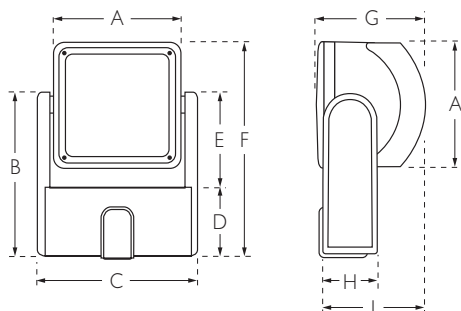
# IFX Series

## Marine Listed Industrial Floodlight, 150-1000W HID

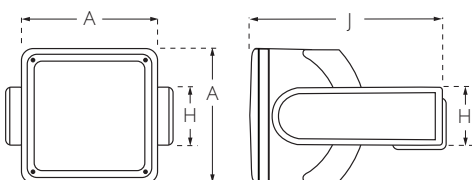
Type:	Job:						Approvals:
Catalog Number:							
Series/Source-Wattage		Optics (Reflector)	Voltage	Mounting	Options (Factory Installed)	Finish	Accessories (Field Installed)
							Date: Page 1 of 10

### Overall Dimensions *For Reference Only*

#### IFX VM Vertical Mount



#### IFX HM Horizontal Mount



#### 13" housing (70-400W)

A 13.3" (33.78cm)	B 16.8" (42.67cm)	C 16.2" (41.15cm)	D 7.0" (17.78cm)	E 9.8" (24.89cm)
F 22.2" (56.39cm)	G 11.3" (28.70cm)	H 6.3" (16.00cm)	I 10.9" (27.69cm)	J 19.1" (48.51cm)

#### 19" housing (450-1000W)

A 19.4" (49.28cm)	B 20.9" (53.09cm)	C 22.5" (57.15cm)	D 8.2" (20.83cm)	E 12.7" (32.26cm)
F 29.2" (74.17cm)	G 14.9" (37.85cm)	H 7.9" (20.07cm)	I 14.1" (35.81cm)	J 24.4" (61.98cm)

EPA = Effective Projected Area in Ft<sup>2</sup> Single standard unit

Vertical Mount		Horizontal Mount	
13" housing (70-400W)	2.7	13" housing (70-400W)	1.6
19" housing (450-1000W)	5.1	19" housing (450-1000W)	3.3

#### Weight (maximum)

(13" housing)	(19" housing)
65 lbs. (29.48 kgs)	90 lbs. (40.82 kgs)

### Specifications



#### Housing

Die-cast aluminum housing shall be of marine-grade alloy. All hardware shall be corrosion resistant. Dust-Tite housing shall be totally sealed from particulate entry. Housing shall not incorporate weep holes, wicks or any route for direct exchange with outside air. Lens assembly shall be accessible with a single tool. The IFX shall consist of a separate ballast housing and optical housing supported by common die-cast aluminum arms to form an integral but separate assembly ensuring longer life and cooler operation. Standard unit constructed to IP66.

#### Door Frame And Lens Assembly

Door frame shall be one piece die-cast aluminum secured by four captive stainless steel screws, and shall be retained by hinge for easy lamp access. Mechanical stops shall ensure proper compression of memory retentive gasket. Cored holes in door frame shall allow means of attachment for glare shield, auxiliary polycarbonate lens, barn doors, auxiliary lens frame and wireguard assembly. Lens shall be 7/32" clear tempered glass to withstand thermal and physical shock.

#### Optical Module

Reflectors shall be made of high purity anodized aluminum. Multi-faceted segmented reflectors shall have minimum reflectivity of 94% and shall be made of "Super Sheet" with inorganic dielectric coating. Optical assembly shall be field-rotatable and exchangeable.

#### Socket

Sockets shall be porcelain, grip-type, mogul base, 4KV (5KV for 1000W HPS) pulse-rated for 70-1000W. The glass end of the lamp is held in precise photometric alignment and protected against breakage by a Stabilux socket.

#### Ballast

SilentGuard high power factor ballast with reliable starting down to -29°C (-20°F) for MH, -34°C (-30°F) for Pulse Start MH, and -40°C (-40°F) for HPS. Ballast has Class H 180°C (356°F) rated insulation. Crest factor does not exceed 1.8.

Ballast assembly shall be unitized on heavy-duty mounting tray with quick disconnect plug to optical chamber; and terminal block for field connections. Standard SilentGuard encapsulated polyblock feature ensures quiet operation and maximum heat dissipation.

#### Mounting

Standard mounting shall be provided in the ballast housing by means of a concealed, field-rotatable mastfitter; designed to fit either vertical or horizontal 2-3/8" O.D. tenon.

#### Finish

Standard finish shall be textured gray UltraClad polyester powder coating, 2.5 mil nominal thickness, electrostatically applied and oven cured. All components shall be thoroughly cleaned by a 5 stage pre-treatment process including iron phosphate bath and non-chromic acid etching stages, ensuring optimum performance characteristics. Other colors may be specified.

#### Listings

ETL/cETL listed to the UL 1598A Marine Listing standard, suitable for Wet Locations.

The quality systems of this facility have been registered by UL to the ISO 9001 Series Standards.

#### Warranty

Philips Gardco luminaires feature a 5 year limited warranty. See Warranty Information for complete details and exclusions. Polycarbonate lenses carry a 1 year warranty only.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled 'Contain Mercury' and/or with the symbol 'Hg'. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).

# IFX Series

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Vertical Mount



Horizontal Mount

Series*/Source-Wattage			Optics (Reflector)	Voltage	Mounting
<b>Metal Halide</b> <input type="checkbox"/> <b>IFXM-1000</b>	<b>Pulse Start Metal Halide</b> <sup>1</sup> <input type="checkbox"/> <b>IFXP-150</b> <sup>2</sup> <input type="checkbox"/> <b>IFXP-175</b> <sup>1,2</sup> <input type="checkbox"/> <b>IFXP-250</b> <input type="checkbox"/> <b>IFXP-350</b> <input type="checkbox"/> <b>IFXP-400</b> <input type="checkbox"/> <b>IFXP-450</b> <sup>1</sup> <input type="checkbox"/> <b>IFXP-750</b> <sup>1</sup> <input type="checkbox"/> <b>IFXP-1000</b>	<b>High Pressure Sodium</b> <input type="checkbox"/> <b>IFXS-150</b> <sup>2</sup> <input type="checkbox"/> <b>IFXS-250</b> <input type="checkbox"/> <b>IFXS-400</b> <input type="checkbox"/> <b>IFXS-750</b> <input type="checkbox"/> <b>IFXS-1000</b>	<input type="checkbox"/> <b>A</b> Wide <input type="checkbox"/> <b>B</b> Rectangular <input type="checkbox"/> <b>C</b> Narrow by Wide <input type="checkbox"/> <b>D</b> <sup>3</sup> Square <input type="checkbox"/> <b>E</b> <sup>3</sup> Spot <input type="checkbox"/> <b>AV</b> Wide rotated 90° <input type="checkbox"/> <b>BV</b> Rectangular rotated 90° <input type="checkbox"/> <b>CV</b> Narrow by Wide rotated 90°	<input type="checkbox"/> <b>120</b> <input type="checkbox"/> <b>208</b> <input type="checkbox"/> <b>240</b> <input type="checkbox"/> <b>277</b> <input type="checkbox"/> <b>347</b> <input type="checkbox"/> <b>480</b> <input type="checkbox"/> <b>QV</b> <sup>4</sup>	<input type="checkbox"/> <b>VM</b> <sup>5</sup> Vertical mount <input type="checkbox"/> <b>HM</b> <sup>5</sup> Horizontal mount

\* Additional Marine Grade gasketing is standard. The IFX series is specially constructed with low copper content alloy (less than 0.4%) for corrosion control in harsh coastal and industrial environments or wherever marine type units are required. Meets U.S. Coast Guard specifications for marine type applications.



1) 175W, 450W and 750W PSMH available in vertical burn lamp only at time of publication. Note: Consider intended aiming requirements when specifying Pulse Start units.

2) Requires mogul base lamp.

3) Not available in 13" housing with 250-400W HPS.

4) Allows field selection of 120/208/240/277 voltage. (No 480V). Certain options may require voltage selection as well.

5) Concealed field-rotatable mastfitter allows vertical or horizontal mounting to 2-3/8" O.D. tenon.

Options		Finish	Accessories (Ordered Separately)	
<input type="checkbox"/> <b>BL</b> Bi-Level <input type="checkbox"/> <b>TL</b> Tri-Level <input type="checkbox"/> <b>CSR</b> Hot Quartz Restrike <input type="checkbox"/> <b>LQ</b> Hot / Cold Quartz Restrike <input type="checkbox"/> <b>LQ1</b> Separately Wired (120V) Hot/Cold Quartz Restrike <input type="checkbox"/> <b>GSL</b> Glass Sag Lens <input type="checkbox"/> <b>50HZ</b> 50 Hz ballast <input type="checkbox"/> <b>PCB120V</b> 120V Photocell Button <input type="checkbox"/> <b>PCB208V</b> 208V Photocell Button <input type="checkbox"/> <b>PCB240V</b> 240V Photocell Button <input type="checkbox"/> <b>PCB277V</b> 277V Photocell Button	<input type="checkbox"/> <b>TGR</b> Textured Gray <input type="checkbox"/> <b>TDB</b> Textured Dark Bronze <input type="checkbox"/> <b>TSA</b> Textured Satin Aluminum <input type="checkbox"/> <b>TWHT</b> Textured White <input type="checkbox"/> <b>TBK</b> Textured Black <input type="checkbox"/> <b>TGN</b> Textured Green <input type="checkbox"/> <b>RAL(*)</b> Custom RAL color number (specify color) <input type="checkbox"/> <b>M(F)</b> Marine Grade finish (specify finish)	<input type="checkbox"/> <b>AL-40-EFX</b> Clear Poly Auxiliary Lens (13" housing) <input type="checkbox"/> <b>AL-10-EFX</b> Clear Poly Auxiliary Lens (19" housing) <input type="checkbox"/> <b>AL-40-EFX-(COLOR)</b> Colored Poly Auxiliary Lens (13" housing, specify color) <input type="checkbox"/> <b>AL-10-EFX-(COLOR)</b> Colored Poly Auxiliary Lens (19" housing, specify color) <input type="checkbox"/> <b>WG-40-EFX</b> Wireguard (13" housing) <input type="checkbox"/> <b>WG-10-EFX</b> Wireguard (19" housing) <input type="checkbox"/> <b>ALF-40-EFX</b> Auxiliary Lens Frame (13" housing) <input type="checkbox"/> <b>ALF-10-EFX</b> Auxiliary Lens Frame (19" housing) <input type="checkbox"/> <b>ALF-40-EFX-(*)</b> Auxiliary Lens Frame with Colored Glass Lens (13" housing, specify color) <input type="checkbox"/> <b>ALF-10-EFX-(*)</b> Auxiliary Lens Frame with Colored Glass Lens (19" housing, specify color) <input type="checkbox"/> <b>SK-40-EFX-(F)</b> Glare Shield (13" housing, specify finish) <input type="checkbox"/> <b>SK-10-EFX-(F)</b> Glare Shield (19" housing, specify finish) <input type="checkbox"/> <b>EFX-HD-BD-40-(F)</b> Barn Doors (13" housing, specify finish) <input type="checkbox"/> <b>EFX-HD-BD-10-(F)</b> Barn Doors (19" housing, specify finish) <input type="checkbox"/> <b>IGL-40-EFX</b> Internal Louver (13" housing) <input type="checkbox"/> <b>IGL-10-EFX</b> Internal Louver (19" housing)	<input type="checkbox"/> <b>SMT-2-(F)</b> Surface Mounting Tenon, 2-3/8" O.D. with flat mounting plate (specify finish) <input type="checkbox"/> <b>JB-VMT-EFX-(F)</b> Surface Junction Box with SMT-2 surface mounting tenon (specify finish) <input type="checkbox"/> <b>PX-1</b> Cross Arm Bracket <input type="checkbox"/> <b>FB-1</b> Flat Base Mount <input type="checkbox"/> <b>SM-18-(F)</b> 18" Stanchion Mount Bracket (specify finish) <input type="checkbox"/> <b>CMC-EFX-(F)</b> Ceiling Mount Bracket (specify finish) <input type="checkbox"/> <b>WB-1</b> Wall Bracket <input type="checkbox"/> <b>WB-5</b> Wiring Box for WB-1 <input type="checkbox"/> <b>WMB-16.5-(F)</b> Wall Mounting Bracket (specify finish)	<input type="checkbox"/> <b>MPA-16.5-(F)</b> Mid Pole Adapter (specify finish) <input type="checkbox"/> <b>PTA-H2180-11.0-(F)</b> Pole Top Adapter, Two Lights, Horizontal Tenon (specify finish) <input type="checkbox"/> <b>PTA-2180-16.5-(F)</b> Pole Top Adapter, 2@180 (specify finish) <input type="checkbox"/> <b>PTA-2090-16.5-(F)</b> Pole Top Adapter, 2@90 (specify finish) <input type="checkbox"/> <b>PTA-3090-16.5-(F)</b> Pole Top Adapter, 3@90 (specify finish) <input type="checkbox"/> <b>PTA-4090-16.5-(F)</b> Pole Top Adapter, 4@90 (specify finish)

# IFX Series

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### Distribution Guide & Ballast Data <sup>1, 5, 6</sup>

Source Type <sup>(7)</sup>	Catalog Number	Housing Size	Lamp Envelope	.ies File Name	Ballast Type <sup>(4)</sup>	ANSI Code	Line Current 120 / 208 / 240 / 277 / 480	Line Watts
<b>MH</b>	<b>IFXM-1000</b>	19"	BT37	IFXm100*.ies	CWA	M47 / H36	9.2 / 5.6 / 4.7 / 4.1 / 2.4	1080
<b>PS</b>	<b>IFXP-150</b>	13"	ED28	IFXp15*.ies	HX-HPF	M102 / M142	3.7 / 2.1 / 1.8 / 1.6 / 1.0	185
	<b>IFXP-175</b>	13"	ED28	IFXp17*.ies	CWA	M137 / M152	2.0 / 1.1 / 0.9 / 0.8 / 0.5	220
	<b>IFXP-250</b>	13"	ED28	IFXp25*.ies	CWA	M58 / M37	2.8 / 1.6 / 1.4 / 1.1 / 0.7	297
	<b>IFXP-350</b>	13"	ED28	IFXp35*.ies	CWA	M131	3.7 / 2.1 / 1.8 / 1.6 / 0.9	400
	<b>IFXP-400</b>	13"	ED28	IFXp40*.ies	CWA	M135 / M155	4.4 / 2.2 / 1.9 / 1.8 / 1.0	456
	<b>IFXP-450</b>	19"	BT37	IFXp45*.ies	CWA	M144	4.4 / 2.6 / 2.2 / 1.9 / 1.1	514
	<b>IFXP-750</b>	19"	BT37	IFXp75*.ies	CWA	M149	7.0 / 4.0 / 3.5 / 3.0 / 1.7	820
	<b>IFXP-1000</b>	19"	BT37	IFXp100*.ies	CWA	M141	9.0 / 5.2 / 4.5 / 3.9 / 2.4	1080
<b>HPS</b>	<b>IFXS-150</b>	13"	E231/2	IFXs15*.ies	HX-HPF	S55	3.2 / 1.7 / 1.6 / 1.4 / 0.7	195
	<b>IFXS-250</b>	13"	E18	IFXs25*.ies	CWA	S50	2.7 / 1.6 / 1.3 / 1.2 / 0.7	310
	<b>IFXS-400</b>	13"	E18	IFXs40*.ies	CWA	S51	4.1 / 2.5 / 2.1 / 1.9 / 1.1	467
	<b>IFXS-750</b>	19"	BT/ED37	IFXs75*.ies	CWA	S111	6.8 / 4.0 / 3.5 / 3.1 / 1.8	840
	<b>IFXS-1000</b>	19"	ED37	IFXs100*.ies	CWA	S52	9.5 / 5.5 / 4.8 / 4.2 / 2.5	1100

1) The IFX Floodlight Series may accommodate other wattages and lamps. Consult factory.

2) MH = Metal Halide, PS = Pulse Start Metal Halide, HPS = High Pressure Sodium. Clear lamps recommended. Data reflects these recommendations. See Series notes above.

3) Replace (\*) with: A - (wide beam); B - (rectangular beam); C - (narrow-by-wide beam); D - (square beam); E - (spot); AV - (wide beam rotated 90°); BV - (rectangular beam rotated 90°); CV - (narrow-by-wide beam rotated 90°).

4) CWA = Constant Wattage Autotransformer, HX-HPF = High Reactance High Power Factor.

5) Due to variable distribution selection and specific application criteria, LER values and fixture efficiencies are not published. See NEMA Standard LE-5B.


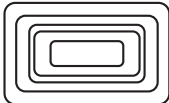



6) Intended aiming and lamp burn orientation restrictions should be considered when selecting floodlight.

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### Distribution Patterns and Beam Spreads

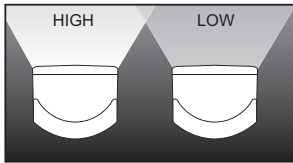
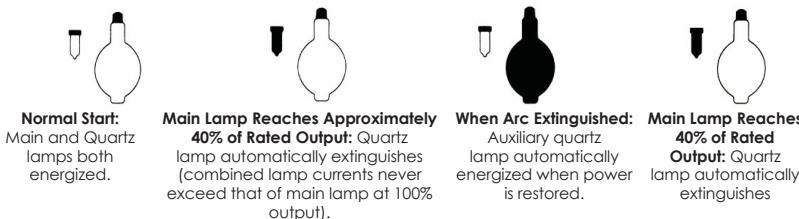

Reflector Type	Source	Wattage	Max Candle Power		H x V NEMA	10% Field Angle	50% Beam Angle
			MH	PSMH			
<b>A</b> Wide Beam 	<b>MH/PSMH</b>	175W	N/A	8,488	7 x 5	138° x 100°	N/A
		250W	N/A	9,985	7 x 5	138° x 100°	N/A
		400W	N/A	18,444	7 x 5	139° x 94°	N/A
		1000W	64,503	67,406	7 x 5	128° x 83°	24° x 54°
	<b>HPS</b>	150W		5,943	7 x 6	153° x 107°	N/A
		250W		11,501	7 x 6	138° x 103°	N/A
		400W		18,256	7 x 6	138° x 105°	N/A
		750W		58,754	7 x 5	136° x 93°	N/A
		1000W		69,945	7 x 5	128° x 90°	52° x 64°
<b>B</b> Rectangular Beam 	<b>MH/PSMH</b>	175W	N/A	13,028	5 x 6	80° x 104°	53° x 23°
		250W	N/A	18,836	5 x 6	80° x 104°	53° x 23°
		400W	N/A	30,286	5 x 5	85° x 96°	55° x 25°
		1000W	85,051	88,708	5 x 6	97° x 126°	65° x 21°
	<b>HPS</b>	150W		11,463	5 x 6	91° x 102°	53° x 26°
		250W		15,650	6 x 6	106° x 110°	72° x 30°
		400W		23,930	6 x 6	108° x 111°	74° x 30°
		750W		74,568	6 x 6	106° x 129°	70° x 24°
		1000W		88,771	6 x 6	106° x 129°	70° x 24°
<b>C</b> Narrow by Wide Beam 	<b>MH/PSMH</b>	175W	N/A	14,881	5 x 6	80° x 105°	69° x 18°
		250W	N/A	21,847	5 x 6	80° x 104°	69° x 17°
		400W	N/A	34,623	5 x 6	79° x 103°	68° x 17°
		1000W	104,913	109,364	6 x 4	117° x 63°	75° x 24°
	<b>HPS</b>	150W		10,032	5 x 6	99° x 105°	57° x 28°
		250W		33,660	5 x 4	85° x 49°	65° x 10°
		400W		52,936	5 x 6	89° x 101°	66° x 14°
		750W		104,747	6 x 5	111° x 74°	70° x 26°
		1000W		124,699	6 x 5	111° x 74°	70° x 26°
<b>D</b> Square Beam 	<b>MH/PSMH</b>	175W	N/A	12,216	5 x 5	81° x 81°	46° x 34°
		400W	N/A	23,294	5 x 5	89° x 83°	50° x 36°
		250W	N/A	17,678	5 x 5	81° x 81°	46° x 34°
		1000W	177,016	184,981	4 x 4	50° x 56°	23° x 28°
	<b>HPS</b>	150W		13,913	5 x 4	75° x 49°	40° x 28°
		250W		N/A	N/A	N/A	N/A
		400W		N/A	N/A	N/A	N/A
		750W		185,854	3 x 4	45° x 48°	22° x 24°
		1000W		221,255	3 x 4	45° x 48°	22° x 24°
<b>E</b> Spot 	<b>MH/PSMH</b>	175W	N/A	94,611	2 x 2	17° x 19°	11° x 11°
		250W	N/A	239,128	1 x 2	17° x 19°	5° x 6°
		400W	N/A	455,945	2 x 2	19° x 19°	11° x 11°
		1000W	951,500	994,318	2 x 2	23° x 24°	9° x 9°
	<b>HPS</b>	150W		156,380	1 x 1	15° x 13°	8° x 4°
		250W		N/A	N/A	N/A	N/A
		400W		N/A	N/A	N/A	N/A
		750W		419,751	2 x 2	28° x 29°	11° x 11°
		1000W		499,704	2 x 2	28° x 29°	11° x 11°

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### Option details (Factory Installed)

BL	Bi-Level	Bi-Level provides high / low level of lamp output with up to 50% power consumption.	
TL	Tri-Level (consult factory)  Note: Suitable for HPS in any aiming position. Consult factory when specifying dimming with Metal Halide.	Tri-Level provides high / mid / low dimming. Zero crossover network avoids strobing and lamp dropout.	
CSR	Hot Quartz Restrike	CSR Quartz restrike using a current sensing relay; extinguishes auxiliary lamp when main arc strikes.	
LQ	Hot/Cold Quartz Restrike	LQ Provides LiteMatic operation for fixtures with 120V or multi-tap ballasts.	
LQ1	Separately Wired (120V) Quartz Restrike  Note: Standard 150 watt (120V) double contact bayonet base socket.  Combined Quartz wattage may not exceed HID lamp wattage.  LQ1 requires an Interlock (by others) to ensure HID and Quartz source are not operated concurrently.	LQ1 Separately wired, externally controlled emergency lighting from a separate power source.	
LiteMatic Operation			
GSL	Glass Sag Lens	When floodlight is aimed straight up, the sag lens creates a self-cleaning feature.  Recommended for installations requiring vertical aiming of floodlight (glass lens up).	
50 HZ	50 Hz Ballast Operation (consult factory)	Specified for applications (outside the U.S.) where 50 Hz operation is standard.	
PCB120V	120V Photo Control Button	Factory installed photocell button on side wall of luminaire.	
PCB208V	208V Photo Control Button	Not available in 480V.	
PCB240V	240V Photo Control Button		
PCB277V	277V Photo Control Button		

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### Accessory details (Field Installed - Shipped Separately)

**AL-40-EFX** Clear Polycarbonate Auxiliary Lens for 13" housing

**AL-10-EFX** Clear Polycarbonate Auxiliary Lens for 19" housing

**AL-40-EFX-(COLOR)** Colored Polycarbonate Auxiliary Lens for 13" housing

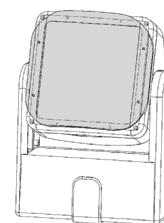
**AL-10-EFX-(COLOR)** Colored Polycarbonate Auxiliary Lens for 19" housing

Provides additional protection of the glass lens.

Color coated polycarbonate lens available in a wide selection of colors, hues and shades.

*Note: Efficiency of the luminaire is reduced significantly with the addition of a colored lens and varies with color saturation. Useful life is limited by UV discoloration from sunlight, mercury or metal halide lamps.*

*For assistance in color selection, consult factory.*



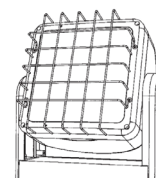
**WG-40-EFX** Wireguard for 13" housing

**WG-10-EFX** Wireguard for 19" housing

*Note: Consult factory when considering multiple externally mounted accessories.*

*Mounting limitations may apply.*

Polished stainless steel wireguard.



**ALF-40-EFX** Auxiliary Lens Frame for 13" housing

**ALF-10-EFX** Auxiliary Lens Frame for 19" housing

**ALF-40-EFX-(\* )** Auxiliary Lens Frame with Colored Glass Lens for 13" housing

**ALF-10-EFX-(\* )** Auxiliary Lens Frame with Colored Glass Lens for 19" housing

(\* ) Consult factory to specify lens color

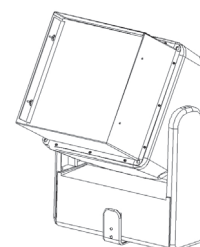
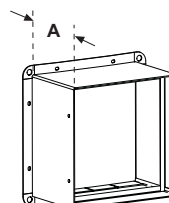
*Note: Consult factory when considering multiple accessories. Mounting limitations may apply.*

Auxiliary lens frame (without colored glass lens) may be used as a snoot.

Auxiliary colored glass lens will not fade, an advantage over colored polycarbonate lens. Consult factory.

*Note: Efficiency of the luminaire is reduced with the addition of a colored lens and varies with color saturation and reflector type.*

*D or E reflectors are recommended with this accessory.*



**A**

**ALF-40-EFX** 7.0" (17.78cm)

**ALF-10-EFX** 8.0" (20.32cm)

**SK-40-EFX-(F)** Glare Shield for 13" housing

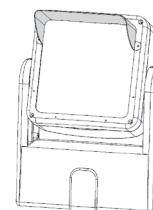
**SK-10-EFX-(F)** Glare Shield for 19" housing

F = Specify finish

*Note: Consult factory when considering multiple externally mounted accessories. Mounting limitations may apply.*

Fixed cutoff shield for additional glare control. Shield may also be mounted on bottom or side of fixture.

*Recommended finish is TBK (Textured Black).*



**EFX-HD-BD-40-(F)** Barn Doors for 13" housing

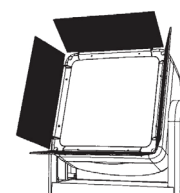
**EFX-HD-BD-10-(F)** Barn Doors for 19" housing

F = Specify finish

*Note: Consult factory when considering multiple externally mounted accessories. Mounting limitations may apply.*

Field adjustable shields on all four sides of optical opening.

*Recommended finish is TBK (Textured Black).*



# IFX Series

## Marine Listed Industrial Floodlight, 150-1000W HID

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### Accessory details (Field Installed - Shipped Separately)

#### IGL-40-EFX

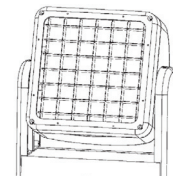
Internal Louver for 13" housing

#### IGL-10-EFX

Internal Louver for 19" housing

Field adjustable internal grid louver to shield the arc tube from view (112° horizontally and 122° vertically max).

Black finish.

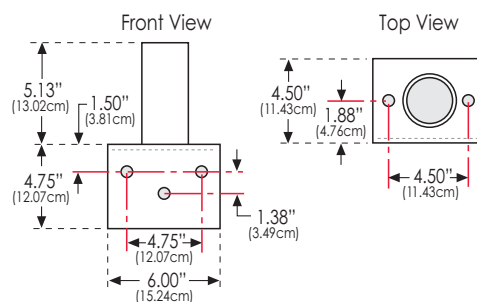
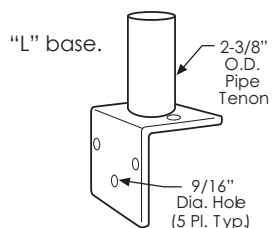


#### PX-1

Cross-arm Bracket

For installing floodlights on wooden or steel cross-arms.

Cast aluminum angle bracket with 2" pipe stub.



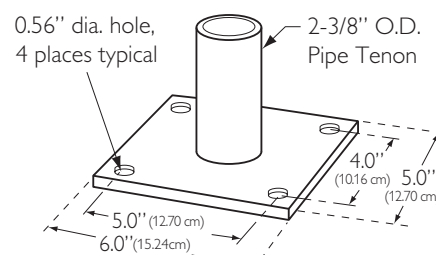
#### SMT-2-(F)

Surface Mounting Tenon with flat mounting plate  
F = Specify finish

2-3/8" OD aluminum tenon welded to a flat aluminum plate with four 1/2" diameter mounting holes.

Single floodlight may be pad mounted or wall mounted.

Mounting hardware by others.



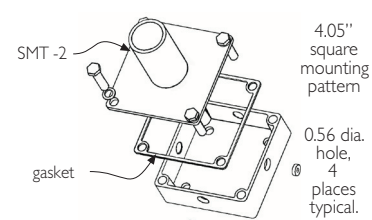
#### JB-VMT-EFX-(F)

Junction box with gasket and SMT-2  
F = Specify finish

For mounting to flat surfaces when using surface mount conduit.

Box has four 1/2" pipe entrances.

Mounting hardware by others.

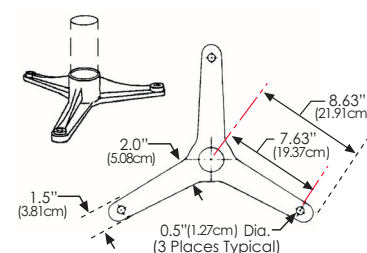


#### FB-1

Flat Base Mount

Cast aluminum mounting bracket for installing floodlights on flat horizontal surfaces.

For use with 2-3/8" OD pipe tenon (by others). Limit height to 8.0" (20.32cm).





# IFX Series

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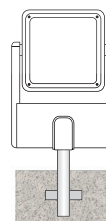
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### Accessory details (Field Installed - Shipped Separately)

#### SM-18-(F)

Stanchion Mount Bracket  
F = Specify finish

Stanchion mounting allows stable positioning of vertical tenon member in aggregate or substrate.  
2-3/8" O.D. aluminum tenon welded to a 2-7/8" stanchion.  
Standard length: 18"

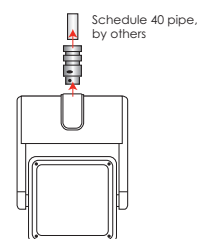


#### CMC-EFX-(F)

Ceiling Mount Bracket  
F = Specify finish

#### **For indoor applications only.**

Permits installation of luminaires to ceilings.  
A schedule 40 pipe, 2-3/8" O.D. (by others), must be properly secured to structure.

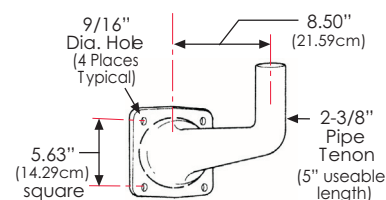


#### WB1

Wall Bracket

Cast aluminum wall bracket for vertical surfaces only. Designed to permit mounting of floodlights on flat vertical surfaces.

Use in conjunction with WB-5 for surface mounted wiring.

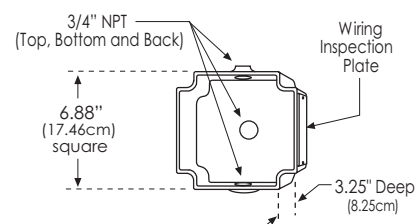


#### WB-5

Wiring Box for WB-1 and surface mounted conduit feed

Used in conjunction with WB-1 for surface mounted wiring. Tapped top, back and bottom for 3/4" conduit or pipe.

Gasket provided for sealing surface wiring box to WB-1 (wall mounting bracket).

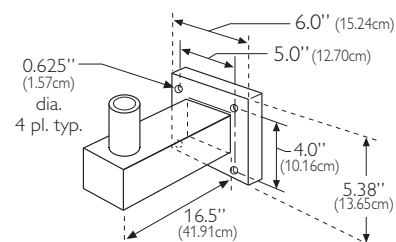


#### WMB-16.5-(F)

Wall Mounting Bracket  
F = Specify finish  
Suitable for mounting single unit only.

2-3/8" O.D. vertical tenon welded to extruded aluminum arm with removeable end cap for wiring. Arm is bolted to a cast aluminum plate that has four 5/8" diameter mounting holes.

Mounting hardware by others.





# IFX Series

## Marine Listed Industrial Floodlight, 150-1000W HID

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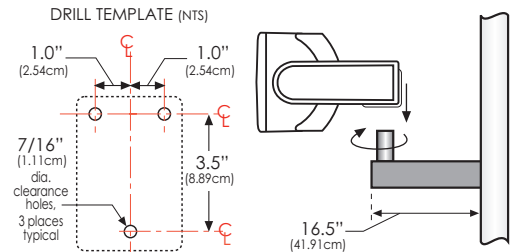
### Accessory details (Field Installed - Shipped Separately)

**MPA-16.5-(F)** Mid Pole Adapter  
F = Specify finish

Extruded aluminum arm with 2-3/8" O.D. tenon with removeable end cap for wiring permits installation of a floodlight to straight square poles and allows horizontal aiming.

Mounting hardware provided.

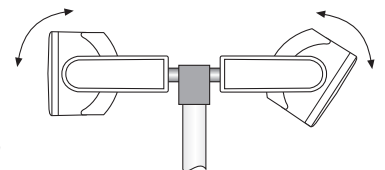
*Requires hand hold in pole opposite mounting bracket.*



**PTA-H2180-11.0-(F)** Pole Top Adapter with horizontal tenons  
F = Specify finish

2-3/8" O.D. horizontally mounted tenons welded to a cast aluminum pole top adapter for mounting to pole with 2-3/8" OD x 4" vertical tenon.

*(To prevent possibility of rotation, one set screw must be removed from the mastfitter after the assembly is attached to the tenon, then the hole position must be partially drilled to allow set screw point to penetrate the tenon wall.)*



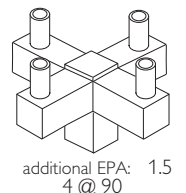
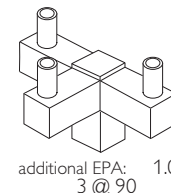
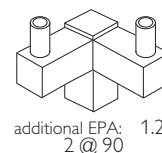
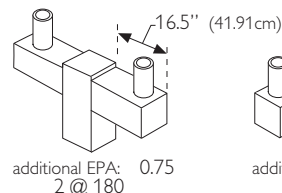
**PTA-2180-16.5-(F)** Pole Top Adapter, 2@180°

Permits installation of luminaires equipped with mastfitter (MA2) in any of the configurations shown. Fits poles having a 2-3/8" O.D. x 4" vertical tenon.

**PTA-2090-16.5-(F)** Pole Top Adapter, 2@90°

**PTA-3090-16.5-(F)** Pole Top Adapter, 3@90°

**PTA-4090-16.5-(F)** Pole Top Adapter, 4@90°  
F = Specify finish



Permits full horizontal adjustment of smaller units (13" housing); larger units (19" housing) have limited adjustment.

*Vertically mounted 2-3/8" O.D. tenons welded to extruded aluminum arms with removeable end cap for wiring. Arms bolted to cast aluminum pole top bracket. Components shipped separately. Field assembly required.*

# IFX Series

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Notes



ISO 9001  
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