PF-400® POWERFLOOD® FLOODLIGHT

APPLICATIONS

- Parking lots, building security, building facade, shipping yards, rail yards, and many more floodlighting applications.
- Engineered for situations requiring high performance and varied optics.

SPECIFICATION FEATURES

- Ⓤ/ⓒⓊ 1598 Listed
  Suitable For Wet Locations
- Standard construction is IP55.
- Die-cast aluminum housing with electrocoat paint finish
- Enclosed, gasketed and activated-charcoal filtered optical assembly
- Formed aluminum reflector with ALGLAS® finish
- Heavy duty steel trunnion with degree indicator
- Built-in "Sight-Track", quick aiming sight
- Tray mounted ballast available
- Heat and shock resistant tempered glass lens
- Front access via hinged/removable door
- Corrosion-resistant external hardware
- Terminal board
- Mogul base socket – E39 standard

ORDERING NUMBER LOGIC

PF4S	24	S	0	A	1	6X6	DB	K
PRODUCT IDENT	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	PE FUNCTION	NEMA TYPE BEAM SPREAD HORIZ X VERT	COLOR	OPTIONS
XXXX	XX	X	X	X	X	XXX	XX	XXX
PF4S = PF-400 Standard PF4T = PF-400 with Tray Mounted Ballast NOTE: 200-400W Mag-Reg not available on tray.	15= 150 (55V) 17= 175 20= 200 24= 250/400* 25= 250 40= 400 *Connected for 250W	S = HPS M = MH Standard: Lamp not included.	60Hz 0 = 120/208/240/277 Multivolt 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 F = 120X347* T = 220 50Hz 6 = 220 R = 230 Y = 240 *Connected for 120V	See Ballast Selection Table A = Autoreg G = Mag-Reg with Grounded Socket Shell H = HPF Reactor or Lag K = Hot Restart (Must Order "P" Option) Non-UL M = Mag-Reg N = NPF Reactor or Lag P = CWI with Grounded Socket Shell	1 = None 2 = PE Receptacle NOTE: Receptacle connected same voltage as unit. Order PE Control separately.	Select NEMA Type from Photometric Selection Table Example: 6X6 = 6X6	DB = Dark Bronze (Standard) GR = Gray	B = Time Delay Automatically Switched Quartz F = Fusing (Not available with multivolt or 120X347V) G = Top Trunnion J = Line Surge Protector, Expulsion Type PF4S only K = Knuckle Slipfitter for 1.9-in. to 2.38-in. (48-60 mm) OD Tenon L = Latch for door P = Prewired with 6 ft (2 meters) #14/3 Q = Non-Time Delay Automatically Switched Quartz S = Knuckle Slipfitter for 1.9 to 3.0 in. (48-76mm) OD Tenon V = Knuckle Wall Mount Y = Dual Wattage Units Connect Higher Wattage

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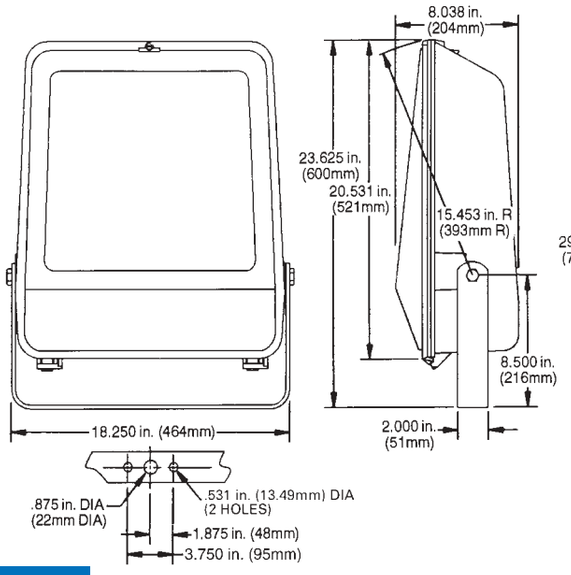
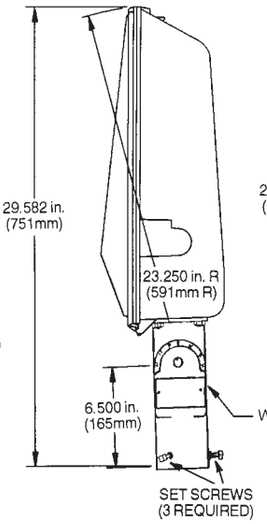
FIXTURE DIMENSIONS

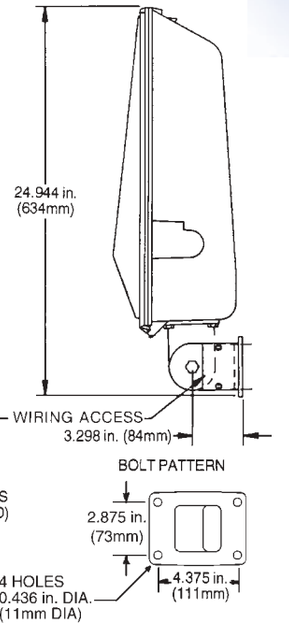
Trunnion Mounted
(Standard)



Slipfitter Mounted
(Options **K** or **S**)



Wall Mounted
(Option **V**)



DATA

Approximate Net Weight	**45 lbs**	**20 kgs**
Effective Projected Area	**1.5 sq ft max**	**.14 sq M max**
Suggested Mounting Height	**20-60 ft**	**6-18 M**

PHOTOMETRIC SELECTION TABLE

All light sources are clear unless otherwise indicated.

Wattage	Light Source	NEMA Type Beam Spread Horizontal X Vertical (Degrees)		Photometric Curve Numbers 35-17 - - - -
Lamp Orientation		**Vertical**	**Horizontal**	
150 (55V)	HPS	**7X6** (145X114)		8196
		6X6 (119X111)		7497
			3X2 (38x22)	7495
			4X2 (70X27)	7501
			4X4 (49X46)	7491
200, 250, 400	HPS	**7X6** (154X126)		7632
		6X6 (127X119)		7481
			6X5 (114X92)	7699
			6X4 (101X67)	7487
			5X4 (82X63)	7473
			4X2 (61X25)	7475
175,250	MH		**3X2** (38X17)	7494
			4X4 (50X47)	7490
			4X2 (64X23)	7500
		6X6 (114X113)		7496
400	MH	**7X6** (131X110)		7478
			6X5 (109X80)	7484
			4X4 (55X55)	7470
			3X2 (31X24)	7474

BALLAST SELECTION TABLE

Wattage	Light Source	Ballast Type/Voltage						
		60Hz				50Hz		
		Mulit-volt	**120, 208 240, 277 480**	**347, 120X347**	**220**	**220**	**230**	**240**
150 (55V)	HPS	**H**	**H, M***	**H**	N/A	**M**	N/A	N/A
200	HPS	**A, M**	**A, M**	N/A	**A**	**A**	**A,H,N**	**A**
250	HPS	**A, M,G**	**A, M,G**	**A**	**A**	**A**	**A,H,N**	**A**
250/400	HPS	**A**	**A**	N/A	N/A	N/A	N/A	N/A
400	HPS	**A, M**	**A, K, M**	**A**	**A**	**A,H,N**	**H**	**A,H,N**
250	MH	**A**	**A**	**A**	N/A	N/A	N/A	N/A
400	MH	**A**	**A**	**A**	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
NOTE: *For 150W HPS, 480V use **A** or **M** ballast only.

REFERENCES

See Page F-30 for start of Accessories.
See Pages F-44 for Component Ordering Logic.
See Pages F-45 for Explanation of Options and Other Terms Used.
See Pole and Bracket Section Page P-2 for pole selection.