

DESCRIPTION

The General Purpose Flood uses an innovative die-cut optical design which delivers maximum beam control for storage areas, railyards, car dealerships, loading docks and building perimeters. Available U.L. listed for wet location.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

LATCHES: Formed aluminum flush draw-action latches offer easy access to lamp compartment without tools. **HOUSING:** Aerodynamically designed, architecturally styled die-cast aluminum housing. ANSI wattage/ source label. **DOOR:** Spring-loaded die-cast aluminum door with integral cast hinges for removal without tools. **GASKET:** Door gasket is closed-cell silicone, providing maximum protection of interior components from the elements.

Electrical

BALLAST: Ballast components are hard mounted to fixture housing for maximum heat dissipation and

extended component and lamp life. Plastic terminal block. Prewired with 3' 14/3 STWA cord. Optional NEMA twistlock photocontrol receptacle available.

Optical

LENS: Heat- and impact-resistant tempered glass lens. **REFLECTOR:** Computer designed precision formed reflector system delivers superior beam control and efficiency.

Mounting

Heavy-duty steel yoke provides flexibility in mounting to a variety of surfaces. Slipfitter for 2-3/8" to 3" O.D. tenon and trunnion mount also available.

Finish

Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Efficiency Standards Notice

Select luminaires are manufactured to USA and California efficiency regulations.



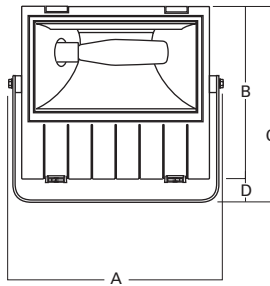
GPF GENERAL PURPOSE FLOOD

250 - 1000W
Pulse Start Metal Halide
150 - 1000W
High Pressure Sodium

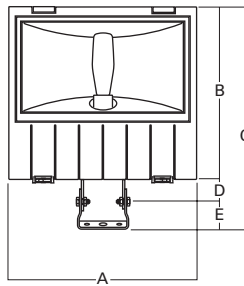
SLIPFITTER, YOKE OR
TRUNNION-MOUNTED
FLOODLIGHTING

DIMENSIONS

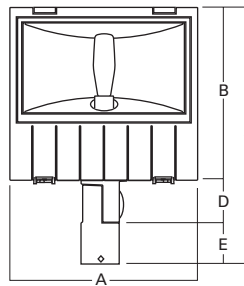
Yoke Mount



Trunnion Mount



Slipfitter Mount

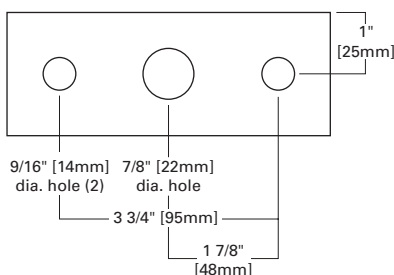


Fixture	A	B	C	D	E
Yoke	(in.) 20-1/2	18-1/2	22-1/2	4	--
	(mm) 521	470	572	102	--
Trunnion	(in.) 20-1/2	18-1/2	24-3/8	2-9/16	3-5/16
	(mm) 521	470	619	65	84
Slipfitter	(in.) 20-1/2	18-1/2	28-1/32	5-3/16	4-11/32
	(mm) 521	470	712	132	110

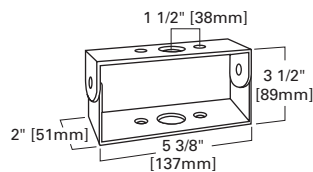
NOTE: Depth dimension: 150-400W HPS, 1000W HPS 9-1/2" (241mm).

DRILLING PATTERN FOR YOKE AND TRUNNION MOUNT

YOKE MOUNT



TRUNNION MOUNT

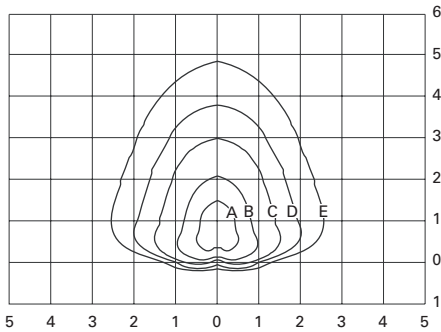


EPA
Effective Projected Area (Sq. Ft.):
2.7 @ 45°

SHIPPING DATA
Approximate Net Wt:
59 lbs. (27 kgs.)



PHOTOMETRICS (COMPLETE IES FILES AVAILABLE AT www.cooperlighting.com)

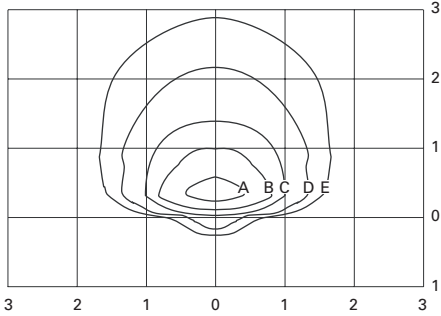


GPF40S76.IES
400-Watt HPS
50,000 Lumen Lamp
Tilt-45°

FOOTCANDLE TABLE

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
GPF40S76.IES / GPF40P76.IES					
20'	10.00	5.00	2.00	1.00	0.50
25'	6.40	3.20	1.28	0.64	0.32
30'	4.44	2.22	0.89	0.44	0.22
35'	3.27	1.63	0.65	0.33	0.18
40'	2.50	1.25	0.50	0.25	0.13



GPF91S77.IES
1000-Watt HPS
140,000 Lumen Lamp
Tilt-45°

GPF91S77.IES / GPF91P77.IES

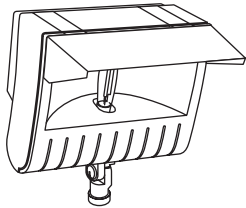
30'	20.00	10.00	5.00	2.00	1.00
35'	14.69	7.35	3.67	1.47	0.73
40'	11.25	5.63	2.81	1.13	0.56
45'	8.89	4.44	2.22	0.89	0.44
50'	7.20	3.60	1.80	0.72	0.36

BEAM AVAILABILITY AND LAMP ORIENTATION

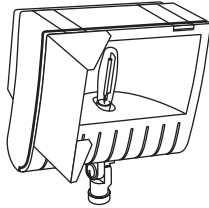
Distribution			
Type (HxV)	HPS	MP	Orientation
7x6	•	•	Vertical
6x5 Cutoff		•	Horizontal
6x2	•	•	Horizontal
5x5 Cutoff	•		Horizontal
4x4	•		Vertical
4x3		•	Vertical
2x4	•		Vertical
2x3		•	Vertical
1x2		•	Vertical

ACCESSORIES (ORDER SEPARATELY)

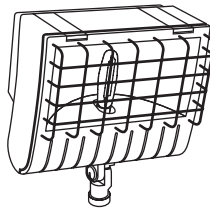
OA1179¹
(Top/Bottom Visor)



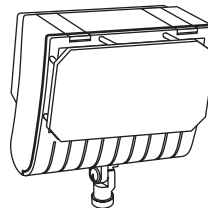
OA1180¹
(Side Visor)



OA1181
(Wire Guard)



OA1182
(Vandal Shield)



NOTE: 1 Each kit contains one (1) visor only. Must specify color.

ORDERING INFORMATION

Sample Number: GPF15SPW764

Product Family	Lamp Wattage	Lamp Type ¹	Ballast Type ^{1,2}	Voltage ¹	Distribution
GPF=General Purpose Flood	Pulse Start Metal Halide 25=250W 32=320W 35=350W 40=400W 91=1000W High Pressure Sodium 15=150W 20=200W 25=250W 40=400W 91=1000W 24=250/400W Wired 250W 42=400/250W Wired 400W	P=Pulse Start Metal Halide S=High Pressure Sodium	C=CWI H=Reac. /HPF K=10KV CWA N=Hi.Reac./NPF P=Hi. Reac./HPF R=Reac./NPF W=CWA ³ M=Mag. Reg.	2=120V 0=208V 4=240V 7=277V 8=480V 9=347V W=Multi-Tap, Wired 120V N=Multi-Tap, Wired 277V	12=1x2 ⁴ 23=2x3 ⁴ 24=2x4 ⁵ 43=4x3 ⁴ 44=4x4 ⁵ 55=5x5 ⁵ 62=6x2 ⁴ 65=6x5 ⁴ 66=6x6 76=7x6 77=7x7 ⁶
Options (Add as Suffix)				Accessories (Order Separately)	
1=Single Fuse (120, 277 or 347V) 2=Double Fuse, (208, 240 or 480V) 4=NEMA Photocontrol Receptacle H=Plug-In Starter Receptacle ⁷ R=Removable Power Tray ⁸ L=Lamp Included U=UL/CSA Listed A=Captive Door Screws M=Metal Oxide Varistors (MOV) C=Slipfitter 2-3/8" to 3" O.D. (SO Cord through Housing) S=Slipfitter 2-3/8" to 3" O.D. (Leads through Fitter) T=Trunnion Mount W=Wall Mount AP=Grey BK=Black BZ=Bronze DP=Dark Platinum GM=Graphite Metallic WH=White				OA1181=Wire Guard OA1182=Vandal Shield OA1208=TufGuard Vandal Shield OA1179=Top/Bottom Visor OA1180=Side Visor	

NOTES:

1. Consult an Cooper Lighting Solutions representative for lamp/ballast type/voltage compatibility.
2. Consult an Cooper Lighting Solutions representative for availability of EISA compliant linear reactor pulse start metal halide ballasts.
3. Pulse start metal halide EISA compliant constant wattage autotransformer (CWA) ballasts are available in 250, 320, 400 and 1000 watts
4. Available in Pulse Start Metal Halide only. 1000W requires reduced envelope lamp.
5. Available in High Pressure Sodium only.
6. 1000W Only.
7. Not available in 1000W.
8. 400W or below, except for 400W Mag. Reg.