



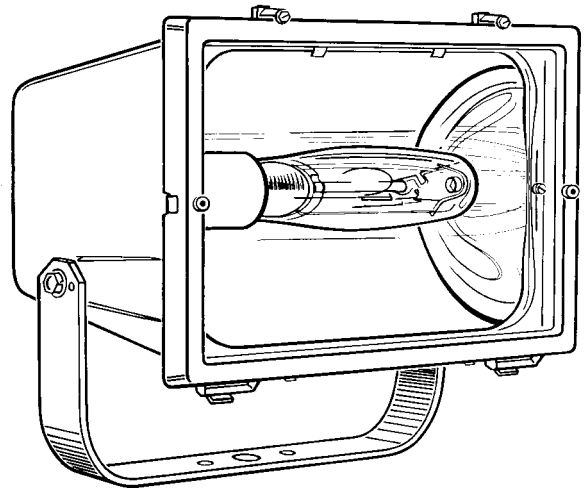
P-154 POWERFLOOD® FLOODLIGHT

APPLICATIONS

Parking lots, building security, building facades, recreation areas and many other outdoor area applications. Anywhere a compact 70 to 400 watt floodlight is needed. Easy to hide for facade, entrance and identification sign lighting.

SPECIFICATION FEATURES

- UL1572 Listed SUITABLE FOR WET LOCATIONS
- CSA Certified
- Standard construction is IP55
- Heavy duty die-cast aluminum housing
- Heat and shock resistant tempered glass
- Heavy-gauge steel trunnion
- Corrosion-resistant hardware
- Hinged front door, secured with two corrosion-resistant screws
- Mogul base socket – E39 standard
- Terminal board – standard
- UL1572 Outdoor Salt Water Marine and UL844 available – see Hazardous Location Lighting Section



ORDERING NUMBER LOGIC



P54S 07 S 0 H 1 7X6 DB L

PRODUCT ID. XXXX	WATTAGE XX	LIGHT SOURCE X	VOLTAGE X	BALLAST TYPE X	PE FUNCTION X	NEMA TYPE BEAM SPREAD HORIZ X VERT XXX	COLOR XX	OPTIONS XXX
P54S=P-154	07 = 70 10 = 100 15 = 150 (55V) 17 = 175 20 = 200 24 = 250/400 25 = 250 40 = 400 NOTE: 250/400 connected for 250W	S = HPS M = MH or Merc CAUTION: For 400W MH, an E-18 or ED-28 must be used 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 NOTE: 120X347 Connected for 120V	See Ballast and Photometric Selection Table A = Autoreg G = Mag-Reg with Grounded Socket Shell H = HPF Reactor or Lag M = Mag-Reg 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 Ballast and Photometric Selection Table Example: 7X6 = 7X6	DB = Dark Bronze	F = Fusing (Not avail- able with multivolt or 120X347 volt) G = Top Trunnion L = Latch for door P = Prewired with 6 ft. (2M) #14/3 Y = Dual Wattage Units Connect Higher Wattage

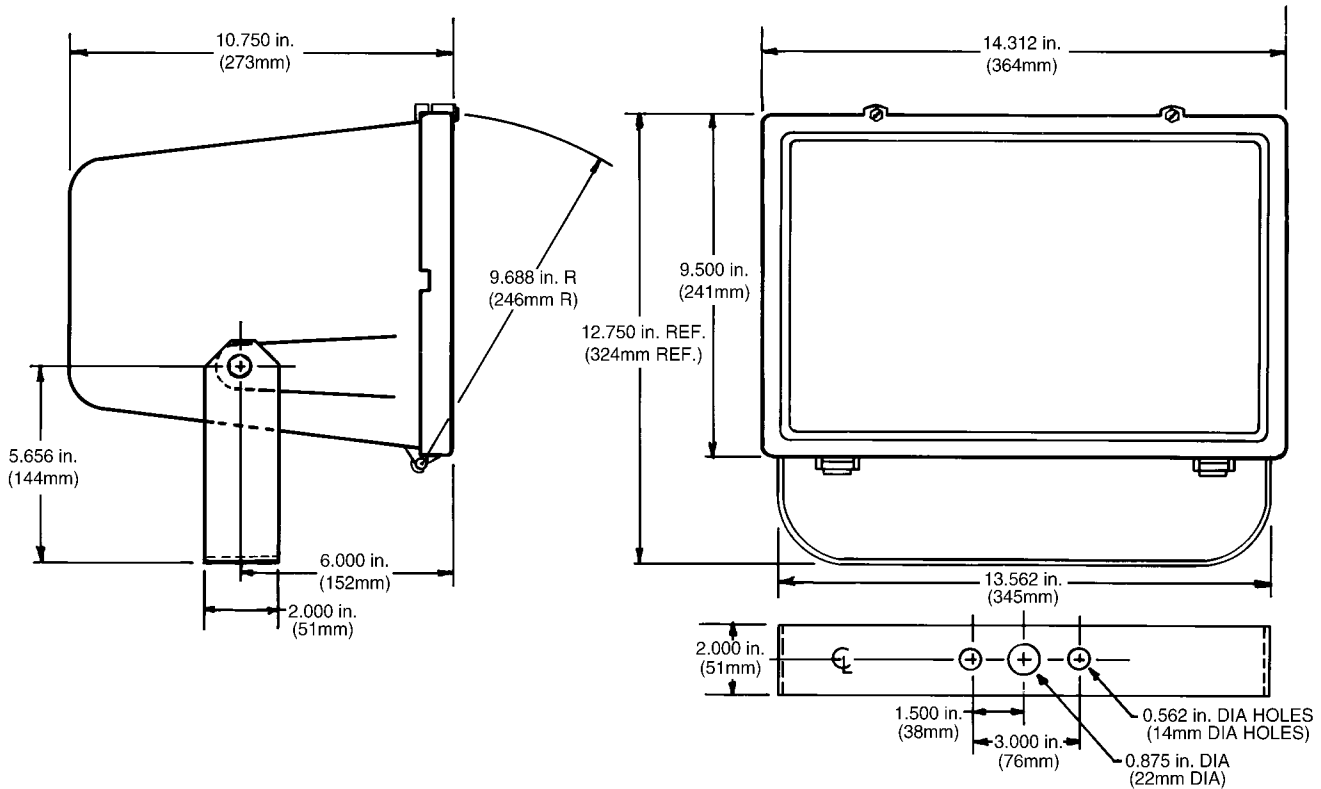
The catalog numbers, options and modifications on this page are UL Listed unless otherwise noted.

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P-154 POWERFLOOD® FLOODLIGHT

DIMENSIONS



BALLAST AND PHOTOMETRIC SELECTION TABLE

All light sources are clear unless otherwise indicated.

Wattage	Light Source	Ballast Type/Voltage								NEMA Type Beam Spread	Photometric Curve
		60Hz				50Hz					
		Multivolt	120, 208, 240, 277, 480	347, 120x347	220	220	230	240	Horiz X Vert (Degrees)		
70, 100, 150 (55V)	HPS	H	H, M***	H, G	H	H	H	H	6X6(126X128)	7346	
175	MH	A	A	A	A	N/A	N/A	N/A	7X6(136X129)	7344	
175	MH (Coated)	A	A	A	A	N/A	N/A	N/A	7X7(144X145)	7345	
200	HPS	A	A	N/A	N/A	N/A	N/A	N/A	7X6(134X127)	7347	
250,400	HPS	A, P	A, P	A, P	A	A	A	A	7X6(134X127)	7347	
250/400**	HPS	A	A	N/A	N/A	N/A	N/A	N/A	7X6(134X127)	7347	
250	MH or Merc	A	A	A	A	A	A	A	7X6(136X129)	7344	
400*	MH	A	A	A	N/A	N/A	N/A	N/A	7X6(131X120)	7455	

NOTE: *Lamp for 400 watt MH fixture must be E-18 or ED-28 only
 NOTE: **250/400 dual wattage not available in 347 volt
 NOTE: ***For 150 watt and below, 480V - Use "M" ballast only.
 N/A = Not Available

DATA

Approximate Net Weight	23-25 lbs (10-16 kgs)
Effective Projected Area	1.0 sq ft Maximum 0.09 sq M Maximum
Suggested Mounting Height	15-60 ft (5-18 M)

REFERENCES

See Page 105 for start of Accessories
 See Page 118 for Explanation of Options and Other Terms Used
 See Page 332 for Pole Selection



GUIDE FORM SPECIFICATIONS PF-154™ POWERFLOOD® FLOODLIGHT

GENERAL DESCRIPTION

The NEMA heavy-duty weather-resistant floodlight designated _____ (*identify*) shall be a GE PF-154™ POWERFLOOD® floodlight, ordering number _____ (*specify* PF1SXXXXXXXXXXXX, PF1TXXXXXXXXXXXX), or approved equal, for operation of one _____ (*specify* [70, 100, 150(55V), 200, 250 or 400] watt high pressure sodium [HPS] or [(175 or 250) watt metal halide or mercury or (400 [E-18 or ED-28 only])] watt metal halide) lamp from a nominal _____ (*specify* 120, 208, 220, 240, 277, 347 or 480 volt, 60 Hz or 220, 230 or 240 volt, 50 Hz) power source and shall be capable of starting and operating the specified lamp within the limits specified by the lamp manufacturer. The floodlight shall contain a completely prewired integral ballast and optical assembly with 6X6 NEMA type beam spread (horizontal X vertical). The floodlight shall have a NEMA lamp identification decal. The floodlight shall be UL1572 Listed SUITABLE FOR WET LOCATIONS and CSA Certified. Standard construction is IP65. Ballast, housing, optical and luminaire assembly shall all be from the same manufacturer.

MECHANICAL CONSTRUCTION

The floodlight shall include a die-cast aluminum housing with hinged and removable front-access door with captive screw (or optional latch), ballast, filtered optical assembly, _____ (*specify* steel trunnion [standard], die-cast aluminum knuckle slipfitter or knuckle wall mount with integral wiring box and vertical aiming degree markings) (and optional photoelectric control receptacle.) All hardware shall be corrosion-resistant. All die-cast aluminum surfaces shall have a dark bronze electrocoat paint finish. The floodlight shall have a built-in aiming sight.

BALLAST OPERATION

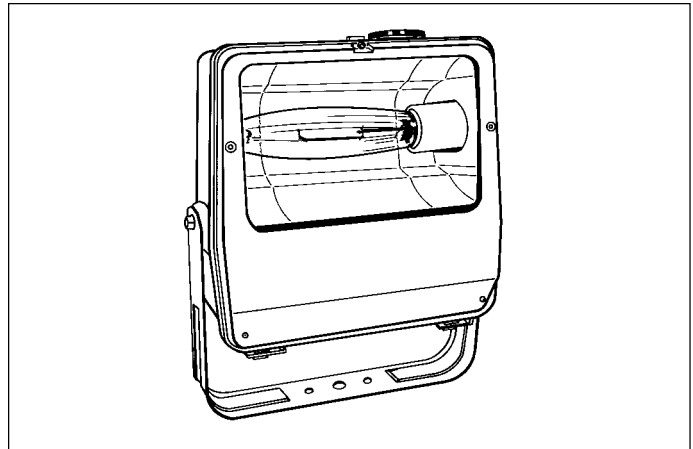
The ballast shall be prewired to the lamp socket, terminal board and ignitor for high pressure sodium fixtures. (An optional tray-mount is available (PFIT) in units with up to 150-watt lamps.)

The floodlight shall contain a standard _____ (*specify* Autoreg, HPF Reactor or Lag, Mag-Reg [for HPS lamps under 200 watts] or NPF Reactor or Lag type ballast* in full compliance with lamp-ballast specifications available to the fixture manufacturer from the lamp manufacturers at the time of fixture manufacture.

As an option, the ballast may have the capability of operating high pressure sodium or metal halide lamps at any voltage — 120, 208, 240, 277 or 347 volts. When specified, the multiwatt ballast (250/400) shall be connected for 250 watts unless otherwise specified.

The ballast shall reliably start and operate the lamp in ambient temperatures down to -20°F for metal halide or -40°F for HPS.

The luminaire and ballast shall be from the same manufacturer.



OPTICAL ASSEMBLY

The optical assembly shall be sealed with a gasket around the perimeter of the front access door, contain an activated charcoal filter and include an aluminum reflector and heat/impact-resistant flat door glass. The reflector shall have an Alzak® finish on all surfaces. The optical assembly shall contain an E39 mogul base socket with superior lamp gripping. The socket shall have added insulation, giving it the ability to handle the higher pulse ratings of newer HID systems.

* REFER TO PRODUCT PAGE FOR OTHER BALLAST SELECTIONS. FOR MORE DEFINITIVE INFORMATION, REFER TO BALLAST SPECIFICATIONS IN TECHNICAL DATA SECTION.

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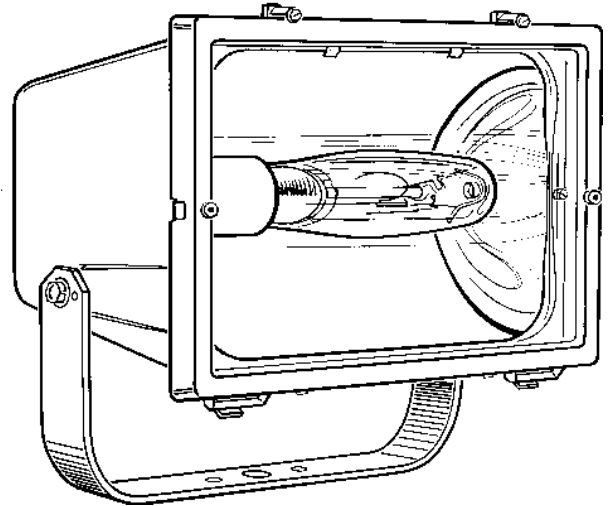


General Electric Company
Hendersonville, NC 28739

P-154 Powerflood® Floodlight

SUGGESTED APPLICATIONS

Parking lots, building security, building facades, recreation areas and many other outdoor area applications.



FEATURES

- Heavy-duty (NEMA) die-cast housing and electrodeposited paint finish
- UL 1572 and CSA Listed
- Hinged front access door
- GE designed and built ballast and HPS starting aid
- Corrosion-resistant polymer coated hardware, all captive screws
- Spring-loaded center contact lamp socket
- Optional photoelectric control receptacle
- Accommodates up to 400 watt metal halide
- Alzak[†] finish on formed reflector
- Tempered heat and shock resistant door glass

BENEFITS

- Long lasting, weather resistant, needs little maintenance
- Suitable for wet locations
- Makes installation and maintenance easy and quick
- Proven long life and reliable operation
- Minimizes corrosion, makes maintenance easy
- Secures lamp in socket for positive electrical contact and proper lamp life
- Permits dusk-to-dawn operation
- Meets user light color needs with most efficient, long-life, HID light sources
- Minimizes corrosion and maintenance, easy to clean when needed
- Resists vandalism