

GE
Lighting Solutions

Area Lighting

Dimension™ (DMA, DMY & DMS)



imagination at work

Product Features

Designed for superior photometric performance and architectural appeal, GE Outdoor Area Sightlighters provide broad application flexibility. From parking lots to downtown areas, hospitals to shopping malls, business complexes to residential neighborhoods, these fixtures will satisfy your large area lighting needs, while complementing your aesthetic desires.

Applications

- Greater than 20 ft (6 meters) site lighting including parking areas, driveways, malls and shopping centers
- Commercial and industrial complexes, automobile lots and residential areas

Housing

- Precision engineered aluminum housing featuring die-cast ends and die-cast door

Finish

- Polyester powder paint finish standard in dark bronze, black, white, charcoal gray and aluminum

Rating

-  Listed Suitable for Wet Locations
-  Listed to Canadian National Standards and Codes

Mounting

- Choice of mountings including Decorative Mounting Arm (4 in. [103mm] or 12 in. [305mm]), Yoke or Spider (Drilling templates are the same for the Decashield™ 400 and Decashield™ 1000 luminaires.)

Reflectors

- All reflectors are field rotatable VT3 cannot be rotated 180°

Unique Features

- No-tool access stainless steel latch design
- Heat and impact resistant tempered flat glass lens
- Enclosed, sealed and gasketed housing
- Removable ballast tray (standard)
- Mogul base socket – E39 socket
- Magnapack packaging available for DMA only

Ordering Number Logic

Dimension™ (DMA, DMY & DMS)



PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE SELECTION	PE FUNCTION	LENS TYPE	IES DISTRIBUTION TYPE	COLOR	MOUNTING ARM LENGTH	OPTIONS
DMA = Dimension Luminaire with Arm Mounting	07 = 70 10 = 100 NOTE: HPS only	E = Energy Act Compliant Pulse MH (EPMH) S = HPS M = MH P = Pulse MH	60Hz 0 = 120/208/240/277 Multivolt 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 F = 120X347 T = 220	See Ballast and Photometric Selection Table A = Autoreg G = Mag-Reg with Grounded Socket Shell H = HPF Reactor or Log M = Mag-Reg P = CWI with Grounded Socket Shell	1 = None 2 = PE Receptacle 4 = PE Receptacle and Shorting Cap NOTE: Receptacle connected same voltage as unit.	G = Flat Glass L = Polycarbonate Prismatic Drop Lens* (250W Max) S = SAG Glass	See Photometric Selection Table MC2 = Medium Cutoff Type II MC3 = Medium Cutoff Type III *Contact Manufacturer for photometric distribution. (SC2 only)	AL = Aluminum BL = Black DB = Dark Bronze (Standard) CG = Charcoal Gray WH = White	1 = 4 in.(102mm) for Singles Two at 180° 2 = 12 in. (305mm) for Two at 90° Tri-Fixture Poles Quad-Fixture Poles 3 = 8 in. (203mm) for singles or two at 180° 4 = 4 in. (102mm) for Round Pole 5 = 12 in. (305mm) for Round Pole 6 = 8 in. (203mm) for Round Pole E = 2-3/8" External Slipfitter H = 10 in. (254mm) for Round Pole Vertical Hole Pattern R = No arm. Housing drilled with diagonal hole pattern X = Special	C = Charcoal Filter (except on FWT and VTV) F = Fusing (Not available with multi-volt or 120X347V) J = Line Surge Protector, Expulsion Type (UL not available)
DMY = Dimension Luminaire with Yoke Mounting	15 = 150 (55V) 17 = 175 25 = 250 32 = 320 35 = 350	Standard: Mogul base lamp not included.	50Hz 6 = 220 Y = 240				HTV = Horizontal Type V VT5 = Improved Vertical Type V FWT = Forward Throw VT3 = Vertical Type 3			
DMS = Dimension Luminaire with Spider Mounting	40 = 400 01 = 1000		NOTE: 120 X 347 connected for 120V							

Photometric Selection Table

All light sources are clear unless otherwise indicated.

IES Distribution Type Photometric Curve Number 35-													
Wattage	Light Source	DMA MC2*	MC3*	VT3	HTV*	VT5	FWT*	DMY MC2	MC3	VT3	HTV	VT5	FWT
70, 100	HPS	178871	178875	453659	178889	453664	178882	179229	179231	453660	178916	453663	178928
150 (55V)	HPS	178871	178875	453658	178889	453653	178882	179229	179231	453657	178916	453654	178928
250	HPS	178872	178887	453647	178878	453652	178883	179225	179233	453648	178917	453651	178929
400	HPS	178872	178887	453623	178878	453624	178883	179225	179233	453625	178917	453626	178929
750	HPS	N/A	N/A	453633	N/A	453632	N/A	N/A	N/A	453634	N/A	453631	N/A
175, 250, 320	EPMH	178873	178876	453665	178880	453670	178885	179223	179235	453666	178919	453669	178931
350, 400	EPMH	178874	178877	453677	178881	453682	178886	179277	179276	453678	178920	453681	178932
750 (BT 37 only)	PMH	N/A	N/A	453635	N/A	453640	N/A	N/A	N/A	453636	N/A	453639	N/A
1000 (BT 37 only)	MH	N/A	N/A	453641	N/A	453646	N/A	N/A	N/A	453642	N/A	453645	N/A

DMS

70, 100	HPS	179230	179232	453661	178934	453662
150 (55V)	HPS	179230	179232	453656	178934	453655
250	HPS	179226	179234	453649	178935	453650
400	HPS	179226	179234	453628	178935	453627
750	HPS	N/A	N/A	453629	N/A	453630
175, 250, 320	EPMH	179224	179236	453667	178937	453668
350, 400	EPMH	179278	179275	453674	178938	453673
750 (BT 37 only)	PMH	N/A	N/A	453637	N/A	453638
1000 (BT 37 only)	MH	N/A	N/A	453643	N/A	453644

NOTE: *Lamp required for 400 watt MH must be E-18 or ED-28 only.
For Standard MH or PMH Lamp, you must order "S" SAG Glass lens type.
Consult Lamp Manufacturer Data for Horizontal Burning Pulse MH Lamps

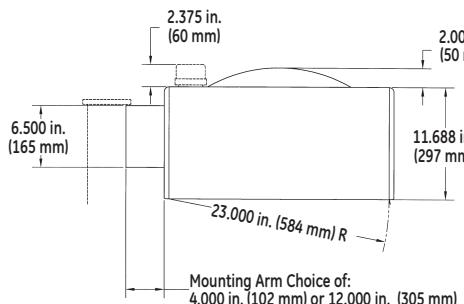
Ballast Selection Table

Wattage	Light Source	Ballast Type/Voltage						50Hz	
		60Hz	208, 240, 347, 277, 480, 120X347	220	220	240			
70, 100, 150 (55V)	HPS	A, H	A, G, H, M	A, G, M	H	N/A	N/A	N/A	N/A
250, 400	HPS	A	A	A	A	A	A	A	A
750	HPS	N/A	A	A	A(347)	A	A	A	A
175, 320	EPMH	A	A	A*	N/A	N/A	N/A	N/A	N/A
250, 350, 400	EPMH	A	A	A*	N/A	N/A	N/A	N/A	N/A
750 (BT 37 only)	PMH	A	A	A	A(347)	A	A	A	A
1000 (BT 37 only)	MH	A	A	A	A(347)	N/A	N/A	N/A	N/A

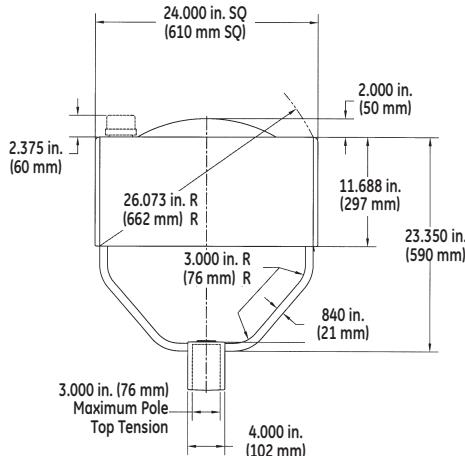
NOTE: C/F=Contact Manufacturer N/A=Not Available

Product Dimensions

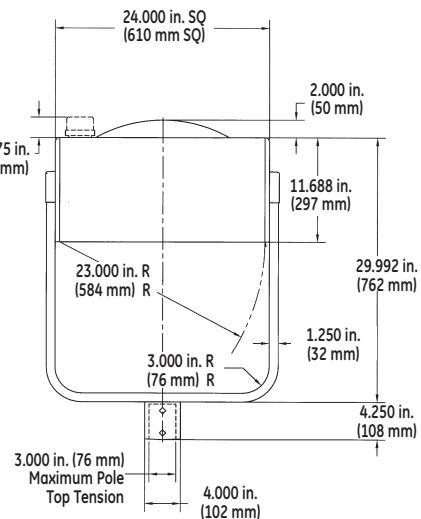
ARM MOUNTING



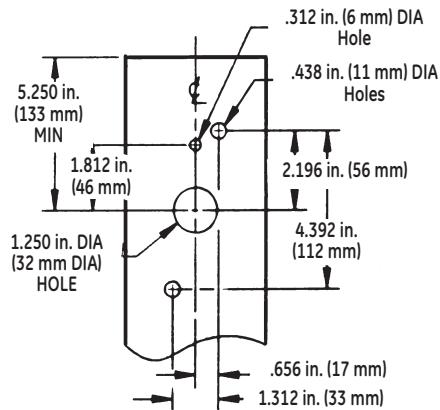
SPIDER MOUNTING



YODE MOUNTING

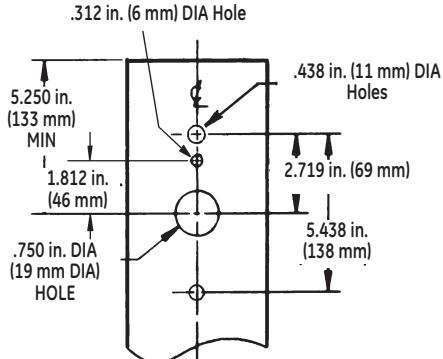


SQUARE POLE MOUNTING: Diagonal Hole Pattern (choices 1, 2, 3 from Logic Table)



DRILLING TEMPLATE

ROUND POLE MOUNTING 3.5 to 4.5-inch (89 to 114mm) OD Round Pole Mounting Arm (choices 4, 5, 6 from Logic Table)



DRILLING TEMPLATE

DATA

- Approximate Net Weight: 45-60 lbs (20-27 kgs)
- Suggested Mounting Height: 20-50 ft. (6-15 M)
- Effective Projected Area:

With 4 in. (103mm) Mounting Arm	2.2 sq ft max (0.20 sq M max)
With 12 in. (305mm) Mounting Arm	2.4 sq ft max (0.22 sq M max)
Yoke Mounted	3.8 sq ft max (0.35 sq M max)
Spider Mounted	2.9 sq ft max (0.27 sq M max)



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