GE
Lighting Solutions

Area Lighting

Dimension™ 1000 (DKA)

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

- High wattage site lighting including parking areas, malls and shopping centers
- Commercial and industrial complexes, and automobile lots

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

- UL/cUL 1598 Listed Suitable for Wet Locations

Mounting

- Choice of mountings including Decorative Mounting Arm (4 in. [103mm], 8 in. [206mm] or 12 in. [305mm]) (Drilling templates are the same for the Decashield™ 400 and Decashield™ 1000 luminaires.)

Reflectors

- All reflectors are designed for vertical base-up optics, and are field rotatable/ interchangeable

Unique Features

- No-tool access stainless steel latch design
- SAG glass lens for a variety of distributions and appearances
- Vertical lamp distributions
- Enclosed and gasketed housing with activated charcoal filtered optical system
- Removable ballast tray (standard)
- Mogul base socket – E39 standard

Ordering Number Logic

Dimension™ 1000 (DKA & DKY)

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PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE SELECTION	PE FUNCTION	LENS TYPE	IES DISTRIBUTION TYPE	COLOR	MOUNTING ARM LENGTH	OPTIONS
DKA = Dimension 1000 Luminaire with Arm Mounting **DKY** = Dimension 1000 Luminaire with Yoke Mounting (Not UL)	**25** = 250 **35** = 350 **40** = 400 **75** = 750 **01** = 1000	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS **M** = MH **P** = Pulse MH **Standard:** Mogul base 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:** 120 X 347 connected for 120V	See Ballast Selection Table **A** = Autoreg **D** = Bi-Level (See Technical Section) **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 **4** = PE Receptacle and Shorting Cap **NOTE:** Receptacle connected same voltage as unit.	See Photometric Selection Table **G** = Flat Glass* * For Flat Glass Contact Factory **S** = SAG Glass	See Photometric Selection Table **A** = Asymetric **F** = FWT **L** = Long and narrow asymmetric roadway distribution **S** = Square narrow parking distribution **Q** = Square wide	**AL** = Aluminum **BL** = Black **DB** = Dark Bronze (Standard) **CG** = Charcoal Gray **WH**= White **NOTE:** Contact Factory for RAL colors.	**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 **R** = No arm. Housing drilled with diagonal hole pattern	**F** = Fusing (Not available with multi-volt or 120X347V) **J** = Line Surge Protector, Expulsion Type (UL Not Available)

Ballast Selection Table

All light sources are clear unless otherwise indicated.

		Ballast Type/Voltage 60Hz				50Hz		
Wattage	Light Source	Multivolt	120, 208, 240,277,480	120X347	347	220	230	240
250	HPS	A,M	A,M,G,D	A,G	A,G	N/A	N/A	A
400	HPS	A,M	A,M,G,D	A,G	A,G,D	N/A	N/A	A
750	HPS	H	A,D*	N/A	A	N/A	N/A	N/A
1000	HPS	A	A	N/A	A	A	A	A
1000	MH	A	A,D	N/A	A,D	A	A	A
PULSE START METAL HALIDE								
250	EPMH	A	A	N/A	N/A	N/A	N/A	N/A
350, 400	EPMH	A	A**	N/A	N/A	N/A	N/A	N/A
1000	P (MH)	A	A	N/A	A	N/A	N/A	N/A

N/A = Not Available. *120V not available in Bi-Level.
**350W N/A with 480V ***Available in 277 & 480V only.

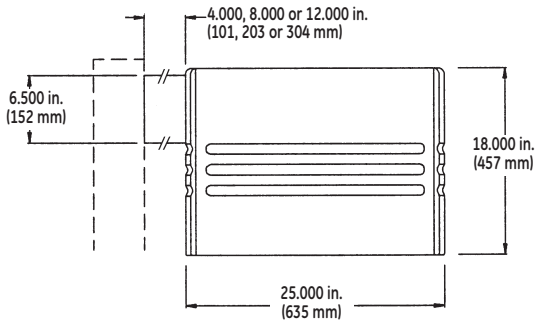
Photometric Selection Table

All light sources are clear unless otherwise indicated.

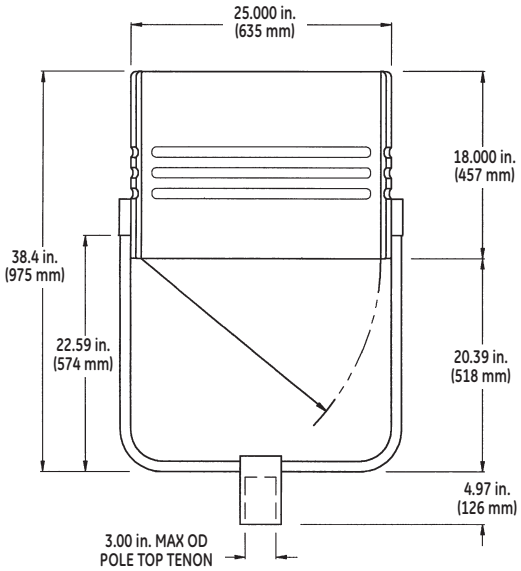
		Sag Glass Curves Cutoff Optics			Non-Cutoff Optics	
Wattage	Light Source	Asymetric 'A'	Forward Throw 'F'	Square 'S'	Long Roadway 'L'	Square 'Q'
250-400	HPS	S-C-II (451124)	S-C-III (450983)	S-S-V (450721)	M-N-I (450728)	N/A
750	HPS	S-C-II (451123)	S-C-III (450984)	S-S-V (450719)	S-S-1 (450726)	N/A
1000	HPS	NA	S-C-III (450985)	N/A	S-S-1 (450724)	S-N-V (450717)
250	EPMH	NA	S-C-II (450986)	S-S-V (450722)	L-N-II (450729)	N/A
350, 400	EPMH	M-C-III (451120)	S-C-IV (450987)	S-S-V (450720)	M-N-I (450727)	N/A
1000	MH,PMH	M-C-III (451117)	S-C-IV (450988)	S-S-V (450712)	M-N-II (450714)	S-S-IV (450791)
1000	MH,PMH (Coated)	S-C-III (451119)	S-C-IV (450989)	S-C-V (450713)	S-C-III (450715)	N/A

Product Dimensions

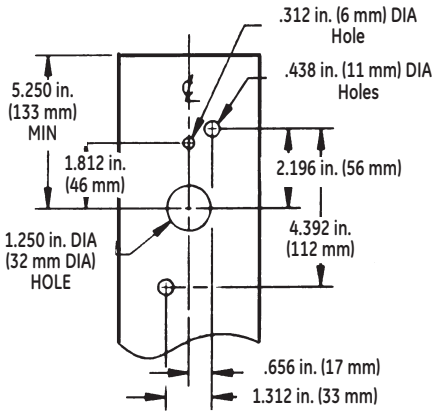
DKA



DKY

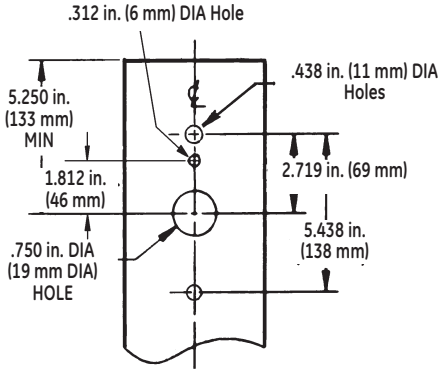


SQUARE POLE MOUNTING: STANDARD



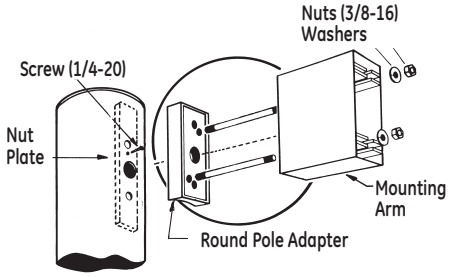
DRILLING TEMPLATE

ROUND POLE MOUNTING
Must order Round Pole Adapter accessory separately



DRILLING TEMPLATE

ROUND POLE ADAPTER
RPA-DS** for 3.5 to 4.5 inch (89 to 114mm) OD round pole. Replace ** with same color code as fixture



DATA

- Approximate Net Weight:
  - 1000W 68 lbs (31 kgs)
  - 400W 64 lbs (29 kgs)
- Suggested Mounting Height: 30-50 ft. (9-15 M)
- Effective Projected Area:
  - With 4 in. (103mm) Mounting Arm 4.0 sq ft max (0.37 sq M max)
  - With 8 in. (203mm) Mounting Arm 4.1 sq ft max (0.38 sq M max)
  - With 12 in. (305mm) Mounting Arm 4.2 sq ft max (0.39 sq M max)

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