

Diffuser Specialist

Dark Sky Reflectors



Bottom Mount

Glass Refractor
Mount

Top Mount

Dark Sky Reflectors

Please inquire for further material options at
1.800.880.5483

General Description

Keep the traditional look! Use with most traditional Streetlamps, Globes, and Acorns (for neck size 8" or larger, 7" min opening).

Dark Sky Reflector Data

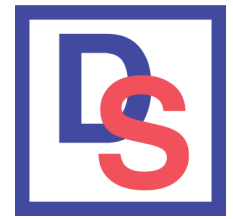
- High Downlight Efficiency
- Low Uplight Levels
- Ideal for Retrofits
- Economical
- Easy to Install, Self Collapsing Design
- Easy to Access for Lamp Replacement
- Self Positioning & Leveling
- Adjustable Light Output Levels
- Made of High Heat Resin
- Type V Data Show Below
- Use with 175W MH Max (237° F / 114° C)
- Solid Aluminum Model Available for up to 250W MH Max (use with 2-piece enclosures)
- Customized Dark Sky Reflector Options are Available

Ordering Information

Please call 1.800.880.5483 for price and delivery.

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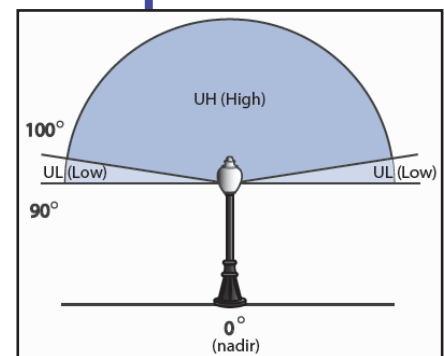
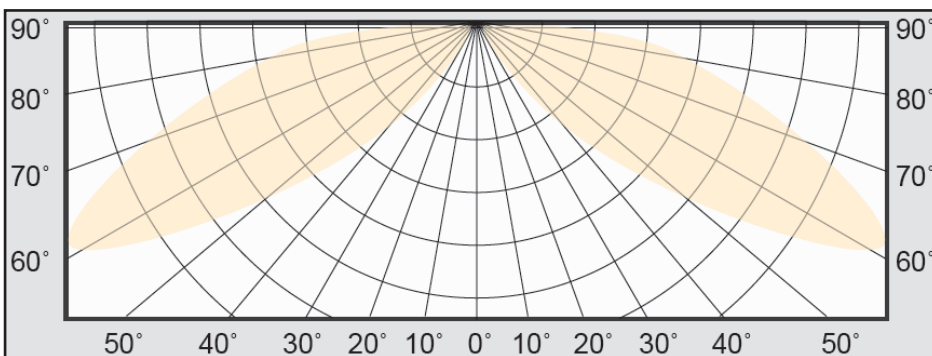


Dark Sky Reflectors Assemblies

PART NO.	DESCRIPTION
99-DSR12-BMOG-ASS	Bottom Mount Assembly for Mogul Base Sockets
99-DSR12-BMED-ASS	Bottom Mount Assembly for Medium Base Sockets
99-DSR12-GRM6-ASS	Bottom Mount Assembly for 6" Dia. Glass Refractors
99-DSR12-GRM8-ASS	Bottom Mount Assembly for 8" Dia. Glass Refractors
99-DSR12-TM	Top Mount Assembly for Custom Applications

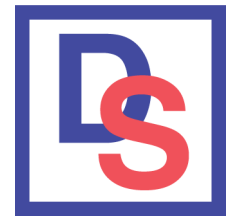
	99-DSR12-BMOG-ASS with 20018-CL8F	99-DSR12-BMOG-ASS with 88064-CL-8F	99-DSR12-BMOG-ASS with 88066-CL-8F
TOTAL LIGHT EFFICIENCY	69.9%	64.7%	66.3%
DOWNWARD LIGHT EFFICIENCY	68.6%	60.0%	60.0%
UPWARD LIGHT LOW (UL)	0.70%	2.78%	2.28%
UPWARD LIGHT HIGH (UH)	0.64%	1.94%	4.16%
MAX CANDLEPOWER ZONE	65°	67.5°	62.5°

Typical Polar Plot



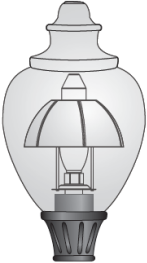


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Optical Evaluation Examples of Decorative Street Lights

175 W MH RATED 15,000 LUMENS			
Forward Light			
Luminaire Lumens	5140.8	4492.8	4493.7
% Lamp Lumens	34.27%	29.95%	29.96%
FL (0° - 30°)	1.07%	0.73%	0.95%
FM (30° - 60°)	14.12%	8.30%	9.91%
FH (60° - 80°)	18.13%	15.82%	15.70%
FVH (80° - 90°)	0.96%	5.10%	3.41%
Back Light			
Luminaire Lumens	5140.8	4492.8	4493.7
% Lamp Lumens	34.27%	29.95%	29.96%
BL (0° - 30°)	1.07%	0.73%	0.95%
BM (30° - 60°)	14.12%	8.30%	9.91%
BH (60° - 80°)	18.13%	15.82%	15.70%
BVH (80° - 90°)	0.96%	5.10%	3.41%
Uplight			
Luminaire Lumens	199.8	709.0	966.6
% Lamp Lumens	1.34%	4.73%	6.44%
UL (90° - 100°)	0.70%	2.78%	2.28%
UH (100° - 180°)	0.64%	1.94%	4.16%
Trapped Light			
Luminaire Lumens	4518.6	5305.5	5046.0
% Lamp Lumens	30.12%	35.37%	33.64%