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Holographic Diffusers



- Transmission Efficiency >85%
- Elliptical and Circular Diffusing Outputs
- Ideal for Visible and Near-Infrared Applications
- [UV Holographic Diffusers](#) Also Available

Common Specifications

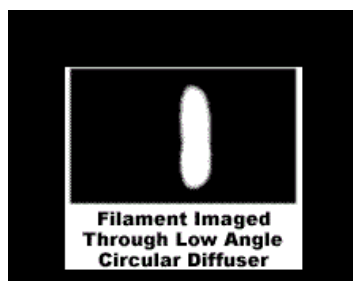
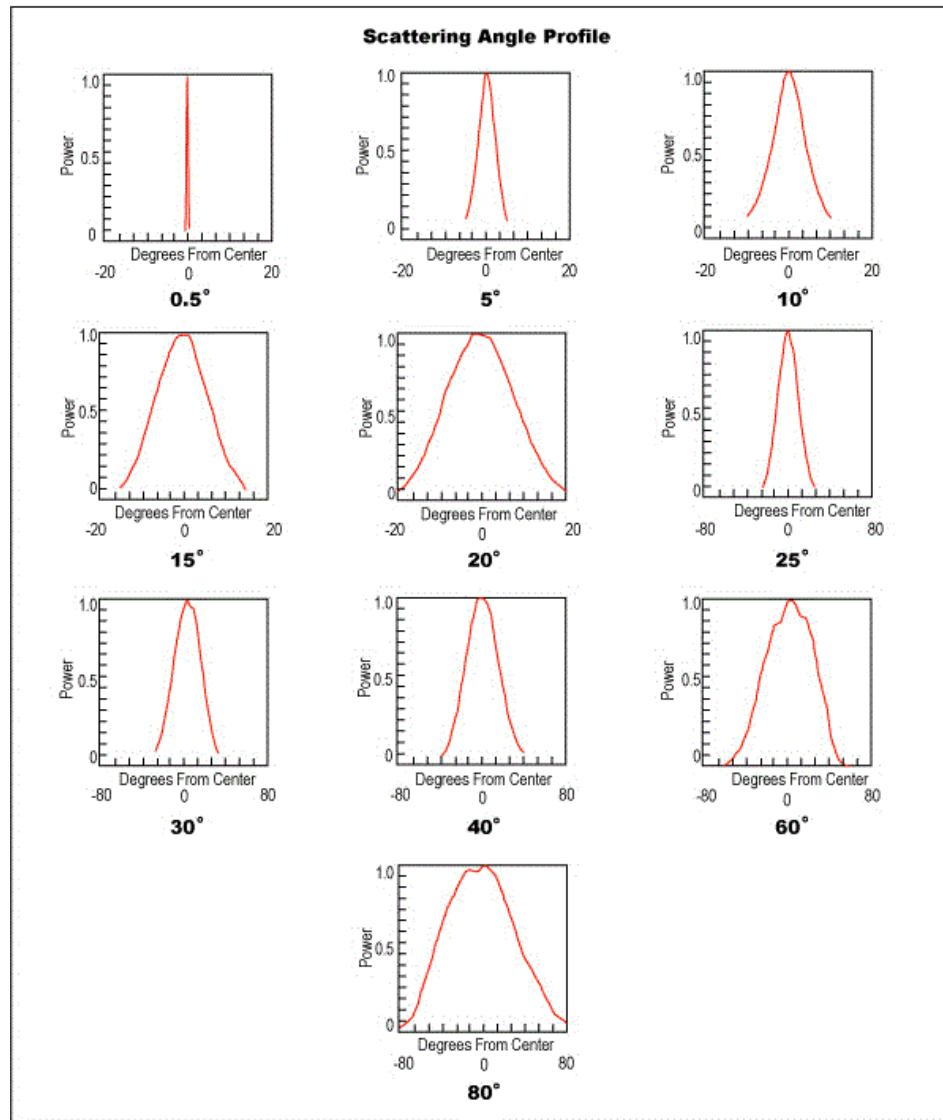
Optical Properties

Substrate:	Polycarbonate	Transmission (%):	>85
Wavelength Range (nm):	400 - 700	Damage Threshold, By Design:	0.22 J/cm ² @ 1064nm, 10ns (typical)

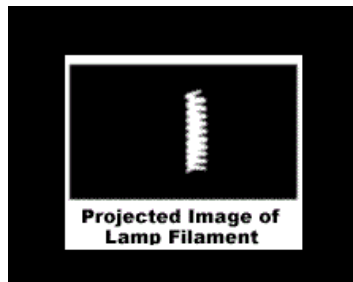
Environmental & Durability Factors

Operating Temperature (°C):	-30 to +100 (Maximum of 240 Hours)
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Technical Information



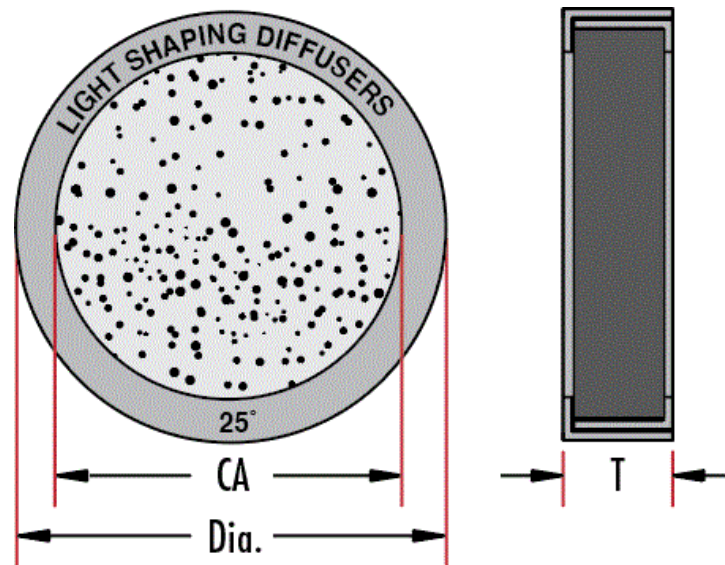
Filament Imaged Through Low Angle Circular Diffuser



Projected Image of Lamp Filament



Filament Imaged Through Elliptical Diffuser



Products

Diffusing Angle (°)	Dia. (mm)	Dimensions (mm)	Thickness (mm)	Stock Number	Price	Buy
#47-988 Clearance						
 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
0.5 (FWHM)	25.00	-	2.60		£111.15	20+ In Stock
1 (FWHM)	12.50	-	0.78	#35-861	£80.99 Volume Pricing	6 In Stock
1 (FWHM)	25.00	-	2.60	#47-991	£161.97 Volume Pricing	20+ In Stock
1 (FWHM)	50.00	-	2.60	#47-992	£232.01 Volume Pricing	Contact Us
1 (FWHM)	-	50.80 x 50.80	0.78	#47-993	£218.88 Volume Pricing	3 In Stock
1 (FWHM)	-	203.20 x 203.20	0.78	#65-884	£412.36	4 In Stock
5 (FWHM)	12.50	-	0.78	#35-862	£80.99 Volume Pricing	11 In Stock
5 (FWHM)	25.00	-	2.60	#47-994	£161.97 Volume Pricing	20+ In Stock
5 (FWHM)	50.00	-	2.60	#47-995	£232.01 Volume Pricing	Contact Us

5 (FWHM)	-	50.80 x 50.80	0.78	#47-996	£218.88 Volume Pricing	6 In Stock
5 (FWHM)	-	203.20 x 203.20	0.78	#65-885	£412.36	5 In Stock
10 (FWHM)	12.50	-	0.78	#35-863	£80.99 Volume Pricing	9 In Stock
10 (FWHM)	25.00	-	2.60	#54-492	£161.97 Volume Pricing	17 In Stock
10 (FWHM)	50.00	-	2.60	#54-493	£225.88 Volume Pricing	2 In Stock
10 (FWHM)	-	50.80 x 50.80	0.78	#55-438	£218.88 Volume Pricing	3 In Stock
10 (FWHM)	-	203.20 x 203.20	0.78	#55-442	£412.36	8 In Stock
20 (FWHM)	12.50	-	0.78	#35-865	£80.99 Volume Pricing	20+ In Stock
20 (FWHM)	25.00	-	2.60	#54-496	£161.97 Volume Pricing	1 In Stock
20 (FWHM)	50.00	-	2.60	#54-497	£232.01 Volume Pricing	1 In Stock
20 (FWHM)	-	50.80 x 50.80	0.78	#55-852	£218.88 Volume Pricing	4 In Stock
20 (FWHM)	-	203.20 x 203.20	0.78	#65-886	£412.36	4 In Stock

[#54-499 Clearance](#)

Clearance

Availability
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returns.
Receive
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off select
products.

25
(FWHM)

50.00

-

2.60

£159.30

20+ In Stock

30
(FWHM)

12.50

-

0.78

[#35-867](#)

£80.99
[Volume Pricing](#)

Contact Us

30
(FWHM)

25.00

-

2.60

[#54-500](#)

£161.97
[Volume Pricing](#)

13 In Stock

30
(FWHM)

50.00

-

2.60

[#54-501](#)

£232.01
[Volume Pricing](#)

Contact Us

30
(FWHM)

-

50.80 x 50.80

0.78

[#55-439](#)

£218.88
[Volume Pricing](#)

1 In Stock

30
(FWHM)

-

203.20 x
203.20

0.78

[#55-443](#)

£412.36

17 In Stock

40
(FWHM)

12.50

-

0.78

[#35-868](#)

£80.99
[Volume Pricing](#)

4 In Stock

40
(FWHM)

25.00

-

2.60

[#54-502](#)

£161.97
[Volume Pricing](#)

1 In Stock

40
(FWHM)

50.00

-

2.60

[#54-503](#)

£232.01
[Volume Pricing](#)

2 In Stock

40
(FWHM)

-

50.80 x 50.80

0.78

[#65-889](#)

£218.88
[Volume Pricing](#)

Contact Us

40
(FWHM)

-

203.20 x
203.20

0.78

[#65-890](#)

£412.36

7 In Stock

60
(FWHM)

12.50

-

0.78

[#35-869](#)

£80.99
[Volume Pricing](#)

20+ In Stock

60 (FWHM)	25.00	-	2.60	#54-504	£161.97 Volume Pricing	2 In Stock
60 (FWHM)	50.00	-	2.60	#54-505	£232.01 Volume Pricing	2 In Stock
60 (FWHM)	-	50.80 x 50.80	0.78	#55-440	£218.88 Volume Pricing	Contact Us
60 (FWHM)	-	203.20 x 203.20	0.78	#55-444	£412.36	4 In Stock
80 (FWHM)	12.50	-	0.78	#35-870	£80.99 Volume Pricing	8 In Stock
80 (FWHM)	25.00	-	2.60	#54-506	£161.97 Volume Pricing	4 In Stock
80 (FWHM)	50.00	-	2.60	#54-507	£232.01 Volume Pricing	2 In Stock
80 (FWHM)	-	50.80 x 50.80	0.78	#47-678	£218.88 Volume Pricing	Contact Us
80 (FWHM)	-	203.20 x 203.20	0.78	#47-679	£412.36	Contact Us

[#47-997 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

0.2 x 40 (FWHM)	25.00	-	2.60		£111.15	2 In Stock
1 x 60 (FWHM)	-	203.20 x 203.20	0.78	#48-004	£412.36	2 In Stock
1 x 60 (FWHM)	25.00	-	2.60	#48-001	£161.97 Volume Pricing	1 In Stock

1 x 60 (FWHM)	50.00	-	0.78	#48-002	£232.01 Volume Pricing	5 In Stock
1 x 60 (FWHM)	-	50.80 x 50.80	0.78	#48-003	£218.88 Volume Pricing	1 In Stock
5 x 30 (FWHM)	-	50.80 x 50.80	0.78	#48-007	£218.88 Volume Pricing	1 In Stock
5 x 30 (FWHM)	25.00	-	2.60	#48-005	£161.97 Volume Pricing	2 In Stock
5 x 30 (FWHM)	50.00	-	0.78	#48-006	£232.01	2 In Stock
5 x 30 (FWHM)	-	203.20 x 203.20	0.78	#48-008	£412.36	3 In Stock
10 x 60 (FWHM)	-	50.80 x 50.80	0.78	#55-441	£218.88 Volume Pricing	3 In Stock
10 x 60 (FWHM)	-	203.20 x 203.20	0.78	#55-445	£412.36	2 In Stock
10 x 60 (FWHM)	25.00	-	2.60	#48-009	£161.97 Volume Pricing	3 In Stock
10 x 60 (FWHM)	50.00	-	2.60	#48-010	£232.01 Volume Pricing	2 In Stock



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