

OptiSpot Reflector Ø 74 mm - Wide Flood

35.850 · OptiSpot Reflector for use with COB connectors 47.360 / 47.319 with Ø 50 mm



technology for light

pkg.	wt.	part no.
25	19 g	35.850.1008.50

OptiSpot Reflector Ø 74 mm - Wide Flood

Bayonet fixing by Twist & Lock action

Material: PC, Aluminium coated

Light distribution: Wide Flood

Reflector is optimized for use with connectors **47.319.2013 / 2021 / 2025 / 2026 / 2345** and **47.360.5010.50** with Ø 50 mm.*

- Reflector interface is adapted to the mixing cone of the connector
- Possibly visually disruptive openings of the connector are partly covered

Recommended for COB's with LES < 17 mm

Please do not touch the reflector inside with bare fingers.

* The reflector can also be combined with other connectors
Please contact us for more information.

It should be noted that the upper cone diameter of the mixing chamber of the connector must be smaller than the opening diameter of the reflector (here Ø 31.4 mm), so that an undercut is avoided (picture on the right).

100°C CAD

Beam angle (FWHM) measured with Citizen CLU038 and connector **47.319.2025.50**.

Beam angle (FWHM): 58°
Efficiency: 89%

Beam angle depends on used COB and its LES.

OptiSpot Reflector Ø 74 mm - Wide Flood

35.850 · 35.908 · 47.950 · Accessories and modular system



technology for light

Accessories:



Cover plate 35.908.1006.85
 Diffusor plate 35.908.1006.89
 Diffusor plate L2 47.950.-401.85
 Diffusor plate L6 47.950.-402.85
 Diffusor plate L12F 47.950.-403.85
 Diffusor plate oval 47.950.-404.85
 Diffusor lens 35.908.1003.89
 Connector Ø 35 mm

Effect on the beam angle and the efficiency of the reflector when combined with a cover plate, diffusor plate or diffusor lens (measured with COB Citizen CLU038 and COB connector 47.319.2025.50). The values are for reference only.

Beam angle (FWHM) reflector 35.850.1008.56	Efficiency reflector 35.850.1008.56	Beam angle with cover plate 35.908.1006.85	NEW	Efficiency with cover plate 35.908.1006.85	NEW
58°	89%	59°		82%	
		Beam angle with diffusor plate 35.908.1006.89	NEW	Efficiency with diffusor plate 35.908.1006.89	NEW
		59°		82%	
		Beam angle with diffusor lens 35.908.1003.89	NEW	Efficiency with diffusor lens 35.908.1003.89	NEW
		62°		87%	
		Beam angle with diffusor plate 47.950.-401.85		Efficiency with diffusor plate 47.950.-401.85	
		54°		82%	
		Beam angle with diffusor plate 47.950.-402.85		Efficiency with diffusor plate 47.950.-402.85	
		58°		83%	
Beam angle with diffusor plate 47.950.-403.85		Efficiency with diffusor plate 47.950.-403.85			
59°		83%			
Beam angle with diffusor plate 47.950.-404.85		Efficiency with diffusor plate 47.950.-404.85			
		54° / 54°		78%	

Modular system



Cover or diffusor plate

Diffusor lens

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[BJB Electric:](#)

[35.850.1008-001-02](#)