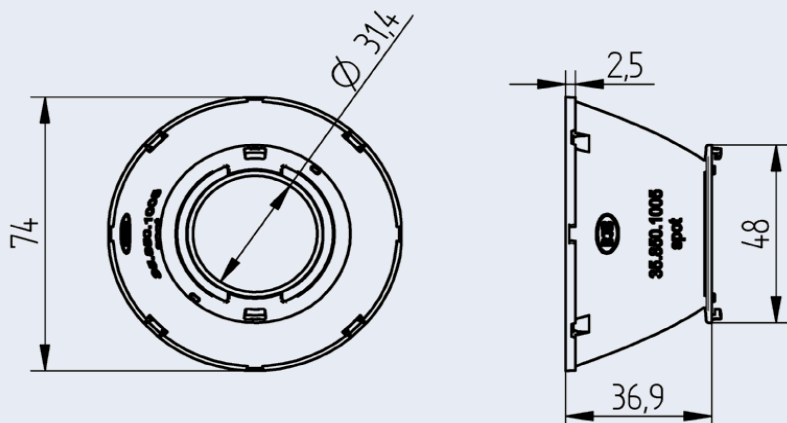


OptiSpot Reflector Ø 74 mm - Spot

35.850



Part no.

35.850.1005-0

Bayonet fixing by Twist & Lock action

Reflector is optimized for use with connectors

47.319 and 47.360

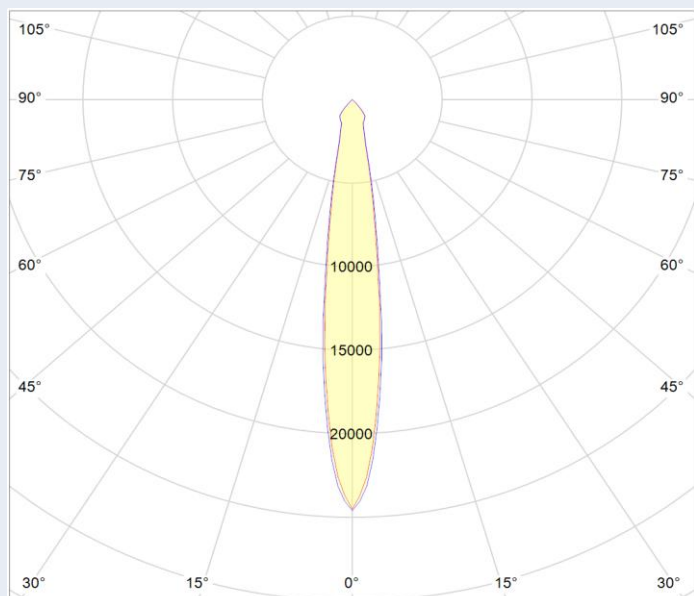
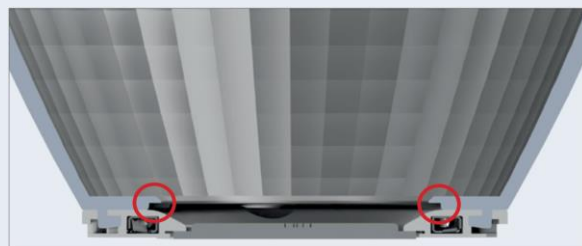
- Reflector interface is adapted to the mixing cone of the connector
- Possibly visually disruptive openings of the connector are partly covered

Please do not touch the reflector inside with bare fingers.

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 a undercut is avoided (pictures below).

Specification

Ø on top	74 mm
Height	36.9 mm
Bottom reflector opening	31.4 mm
Material	PC, Aluminium coated
Rated temperature	100°C max.
Weight	18.5 g
Pkg.	300



Photometric data

Light distribution*	Spot
Beam angle* (FWHM)	14.5°
Efficiency*	89%
Recommended COB Type	COBs with LES < 17mm
Measured with COB	Citizen CLU038-1208C4
Measured with COB-holder	47.319.2025-0

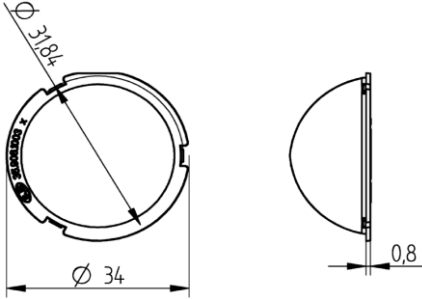
*Light distribution, beam angle and efficiency are dependent on the COB in use and its LES.

OptiSpot Reflector Ø 74 mm - Spot

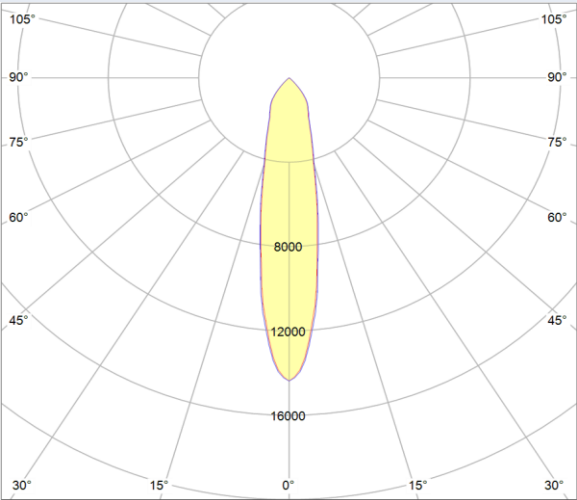
35.908 Accessories and modular system

Effect on the beam angle and the efficiency of the reflector when combined with a cover plate, diffuser plate or diffuser lens. The values are for reference only

Diffusor lens 35.908.1003-0

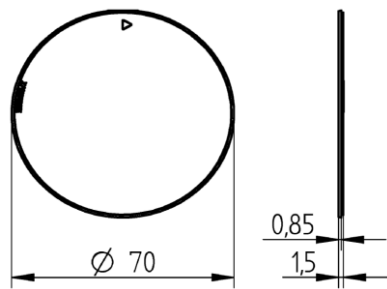


Beam angle with reflector 35.850.1005-0	20°
Efficiency with reflector 35.850.1005-0	88%
Material	PMMA
Max. temperature	80°
Weight	2.4 g

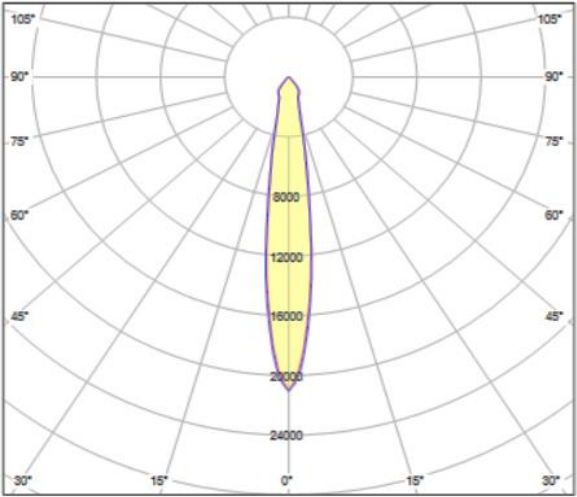


Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0

Cover plate 35.908.1006-0

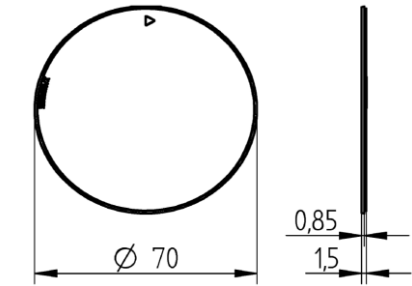


Beam angle with reflector 35.850.1005-0	15°
Efficiency with reflector 35.850.1005-0	82%
Material	PC
Max. temperature	100°C
Weight	6.3 g

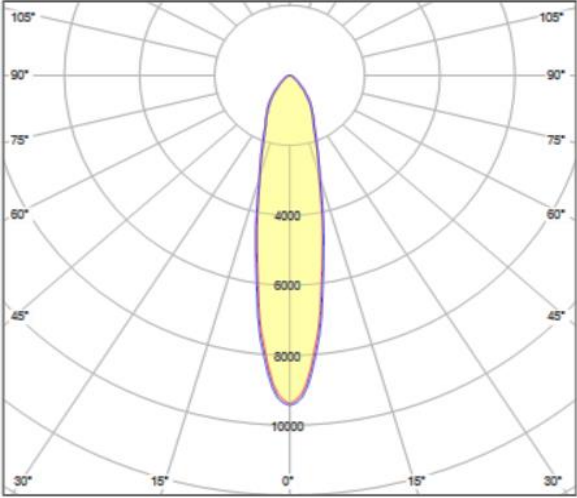


Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0

Cover plate 35.908.1006-1



Beam angle with reflector 35.850.1005-0	22°
Efficiency with reflector 35.850.1005-0	83%
Material	PC
Max. temperature	100°
Weight	6.3 g



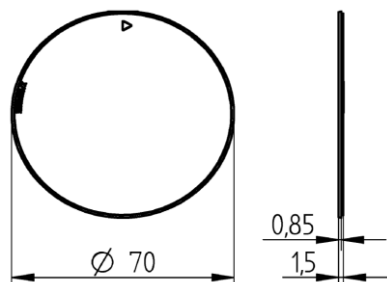
Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0

OptiSpot Reflector Ø 74 mm - Spot

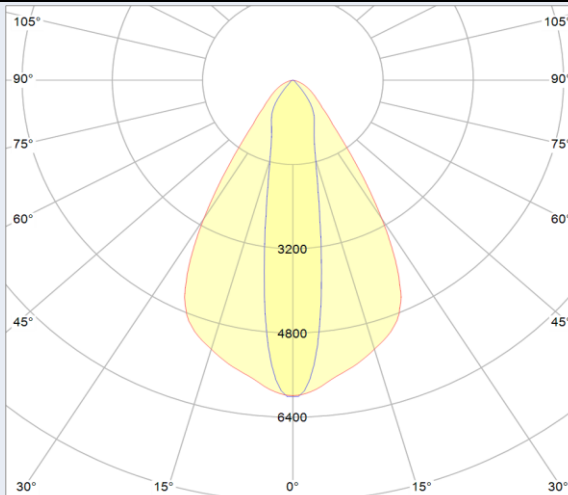
35.908 Accessories and modular system

Effect on the beam angle and the efficiency of the reflector when combined with a cover plate, diffuser plate or diffuser lens. The values are for reference only

Cover plate Width Oval Flood 35.908.1009-0

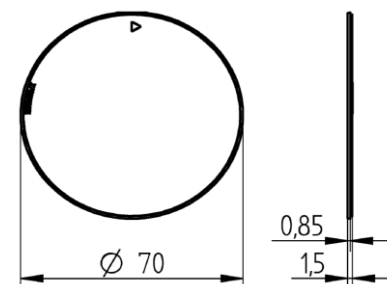


Beam angle with reflector 35.850.1005-0	62°/19°
Efficiency with reflector 35.850.1005-0	88%
Material	PC
Max. temperature	100°
Weight	6.5 g

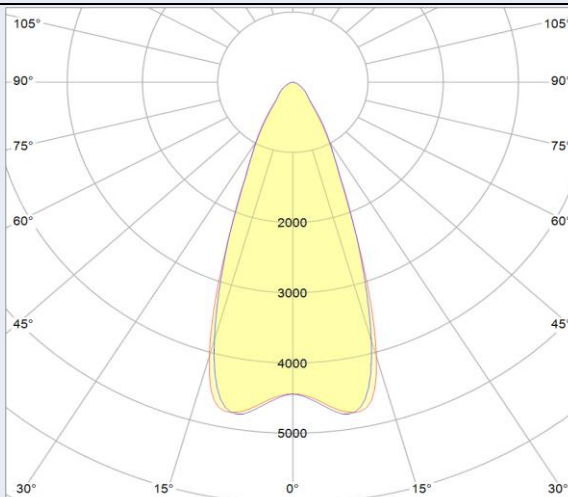


Measured with Citizen CLU03J-1208C9-402M2U1 and COB connector 47.319.2025-0

Cover plate Flood square 35.908.1010-0

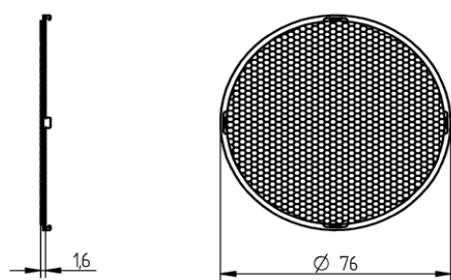


Beam angle with reflector 35.850.1005-0	42°
Efficiency with reflector 35.850.1005-0	88%
Material	PC
Max. temperature	100°C
Weight	6.2 g

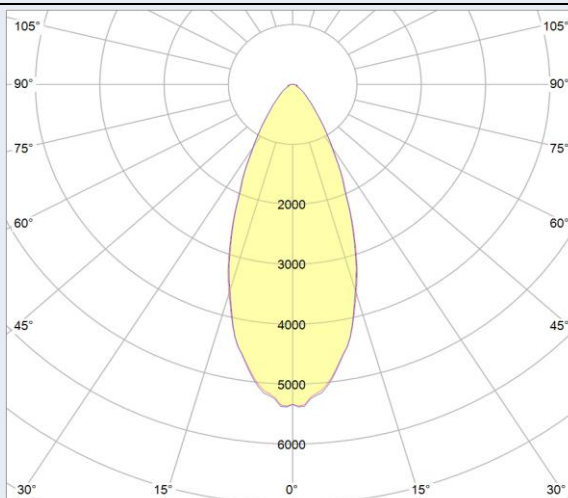


Measured with Citizen CLU03J-1208C9-402M2U1 and COB connector 47.319.2025-0

Diffusor plate 47.950.E401-0



Beam angle with reflector 35.850.1005-0	41°
Efficiency with reflector 35.850.1005-0	83%
Material	PC
Max. temperature	100°
Weight	7.4 g



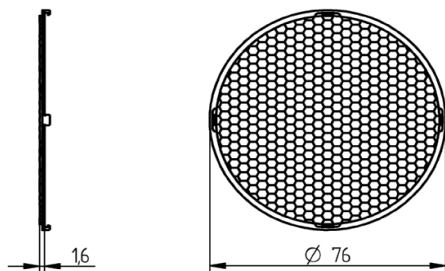
Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0

OptiSpot Reflector Ø 74 mm - Spot

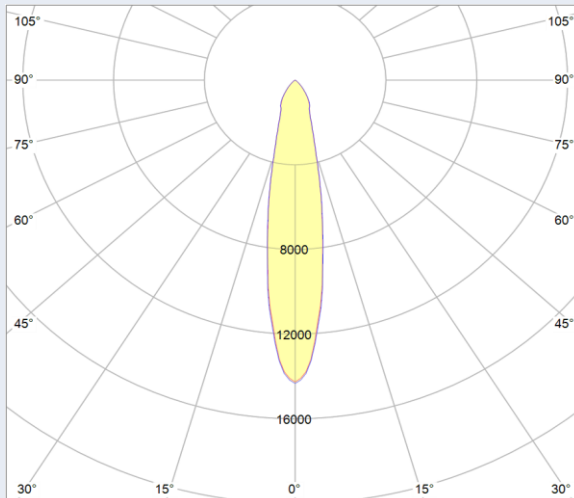
35.908 Accessories and modular system

Effect on the beam angle and the efficiency of the reflector when combined with a cover plate, diffuser plate or diffuser lens. The values are for reference only

Diffusor plate 47.950.E402-0

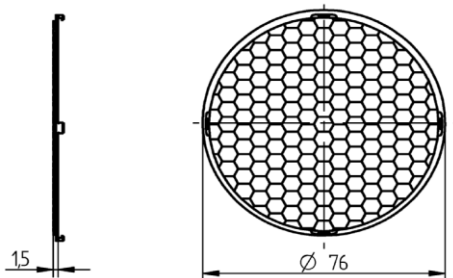


Beam angle with reflector 35.850.1005-0	19°
Efficiency with reflector 35.850.1005-0	83%
Material	PC
Max. temperature	100°
Weight	7.8 g

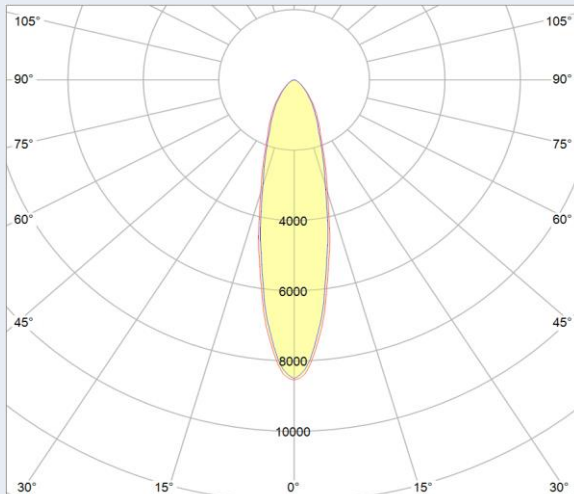


Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0

Diffusor plate 47.950.E403-0

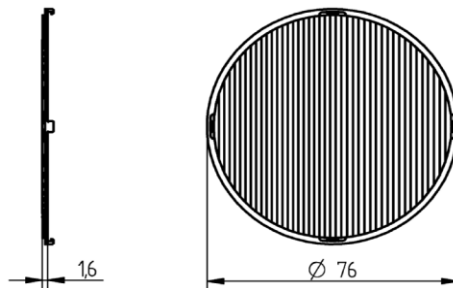


Beam angle with reflector 35.850.1005-0	25°
Efficiency with reflector 35.850.1005-0	83%
Material	PC
Max. temperature	100°C
Weight	7.4 g

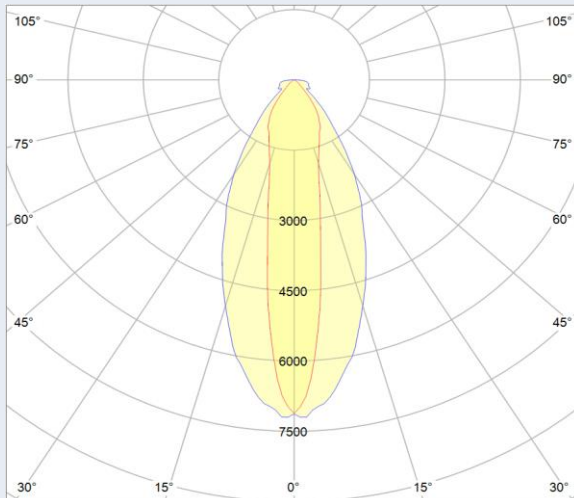


Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0

Diffusor plate oval 47.950.E404-0



Beam angle with reflector 35.850.1005-0	17°/45°
Efficiency with reflector 35.850.1005-0	80%
Material	PC
Max. temperature	100°
Weight	7.7 g



Measured with Citizen CLU038-1208C4 and COB connector 47.319.2025-0