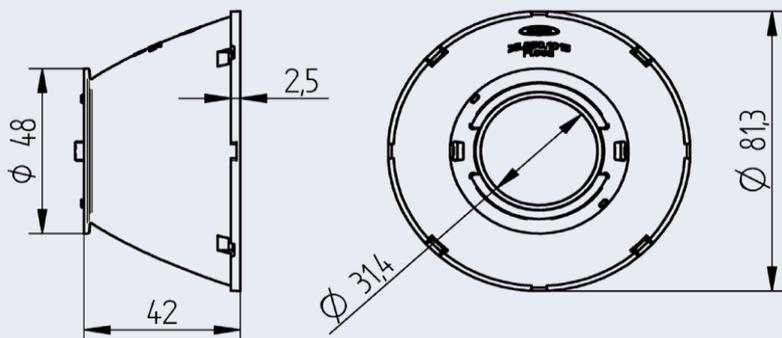


OptiSpot Reflector Ø 81.3 mm - Flood

35.850 - Optispot Reflector for use with COB connectors 47.360 / 47.319 with Ø 50 mm



Part no.
35.850.1015-0

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.

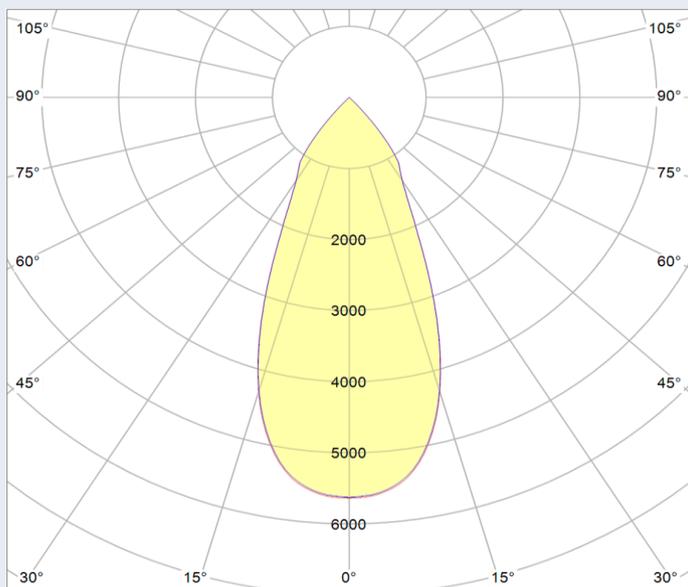
It should be noted that the upper cone diameter of the mixing chamber of the connector must be smaller than the opening diameter of the reflector (here Ø 31.4 mm), so that an undercut is avoided (pictures below).

| Specification | |
|--------------------------|----------------------|
| Ø on top | 81.3 mm |
| Height | 42 mm |
| Bottom reflector opening | 31.4 mm |
| Material | PC, Aluminium coated |
| Rated temperature | 100°C max. |
| Weights | 24 g |
| Pkg. | 224 |



This product contains the following REACH SVHC substances. For further information please refer to www.bjb.com.

| CAS-Number | EG-Number | Substance name |
|------------|-----------|---|
| 3147-75-9 | 221-573-5 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol |



| Photometric data | |
|--------------------------|-------------------------------|
| Light distribution* | Flood |
| Beam angle* (FWHM) | 44° |
| Efficiency* | 89% |
| Recommended COB Type | COBs with LES < 17mm |
| Measured with COB | Citizen CLU03J-1208C9-402M2U1 |
| 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 81.3 mm - Flood

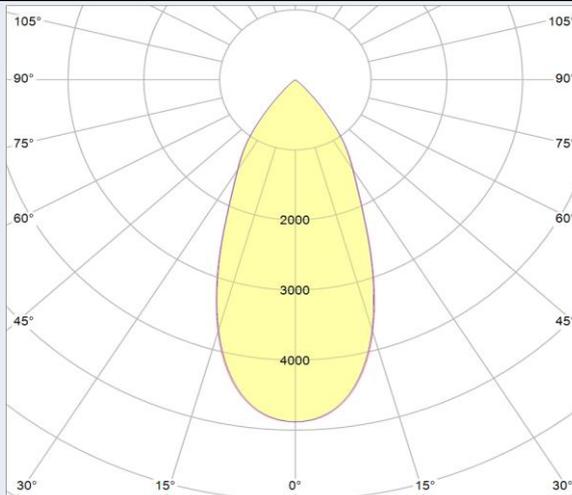
35.908 Accessories and modular system

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

Mixing lens diffuse 35.908.1003-0

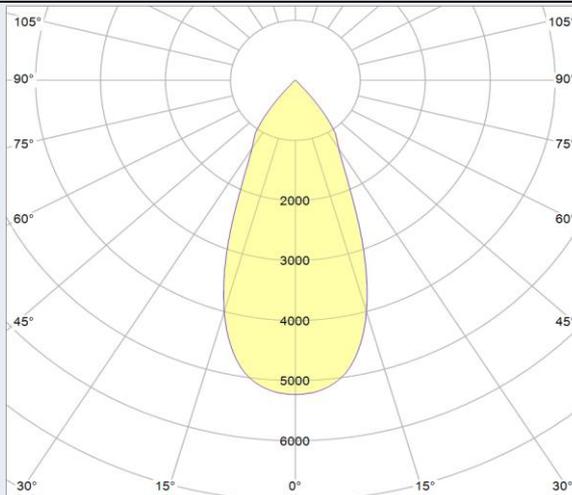
| | |
|---|-----------|
| Beam angle with reflector 35.850.1015-0 | 46° |
| Efficiency with reflector 35.850.1015-0 | 87% |
| Material | PMMA |
| Rated temperature | 80°C max. |
| Weight | 2.4 g |



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

Cover plate 35.908.1012-0

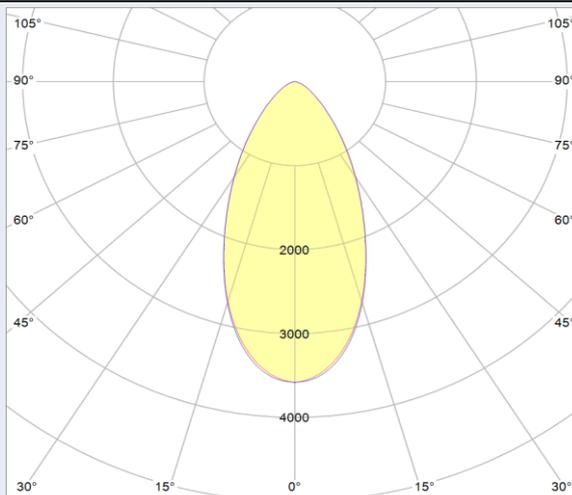
| | |
|---|------------|
| Beam angle with reflector 35.850.1015-0 | 44° |
| Efficiency with reflector 35.850.1015-0 | 85% |
| Material | PC |
| Rated temperature | 100°C max. |
| Weight | 7.8 g |



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

Cover plate diffuse 35.908.1012-1

| | |
|---|------------|
| Beam angle with reflector 35.850.1015-0 | 50° |
| Efficiency with reflector 35.850.1015-0 | 85% |
| Material | PC |
| Rated temperature | 100°C max. |
| Weight | 7.8 g |



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