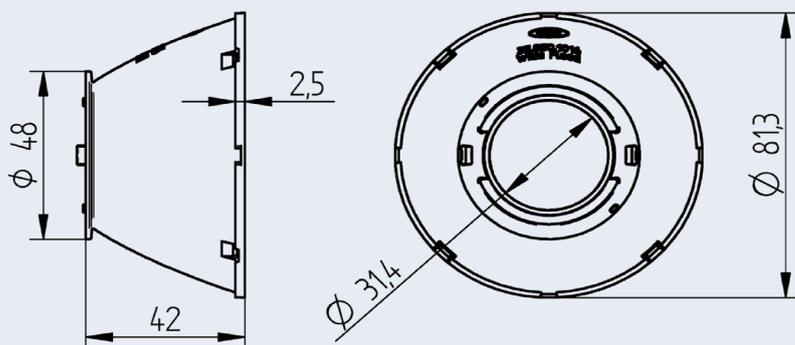


# OptiSpot Reflector Ø 81.3 mm - Wide Flood

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



Part no.  
**35.850.1016-0**

**Bayonet fixing by Twist & Lock action**

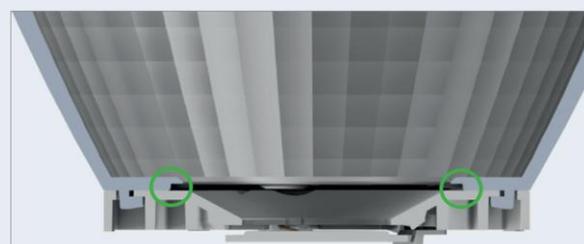
Reflector is optimized for use with BJB connectors  
**47.319 and 47.360**

- 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.

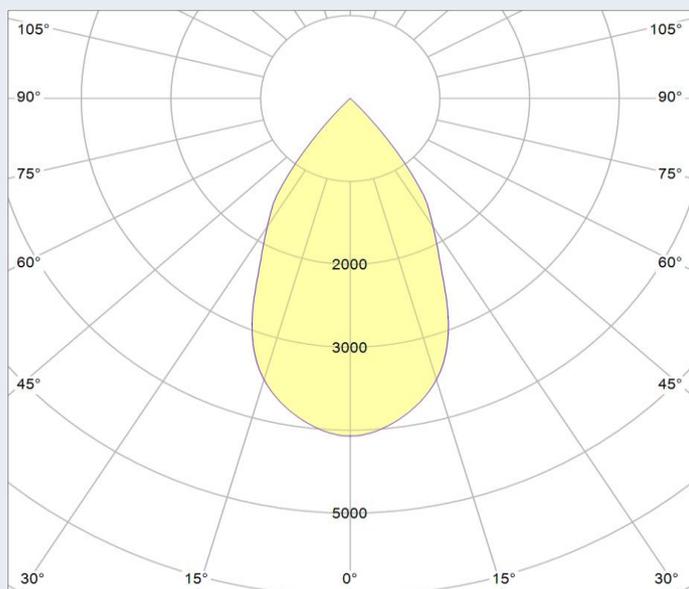
**It should be noted that the upper cone diameter of the mixing chamber of the connector must be smaller than the opening diameter of the reflector (here Ø 31.4 mm), so that a undercut is avoided (pictures below).**

| Specification            |                      |
|--------------------------|----------------------|
| Ø on top                 | 81.3 mm              |
| Height                   | 42 mm                |
| Bottom reflector opening | 31.4 mm              |
| Material                 | PC, Aluminium coated |
| Rated temperature        | 100°C max.           |
| Weights                  | 26 g                 |
| Pkg.                     | 224                  |



**This product contains the following REACH SVHC substances. For further information please refer to [www.bjb.com](http://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*      | Wide Flood                    |
| Beam angle* (FWHM)       | 57°                           |
| Efficiency*              | 88%                           |
| 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.

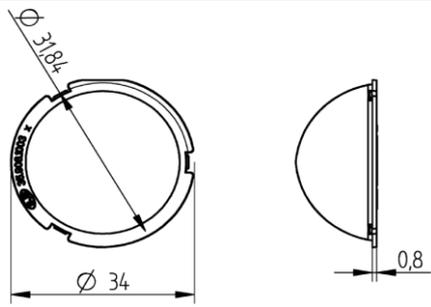
# OptiSpot Reflector Ø 81.3 mm - Wide Flood

35.908 Accessories and modular system

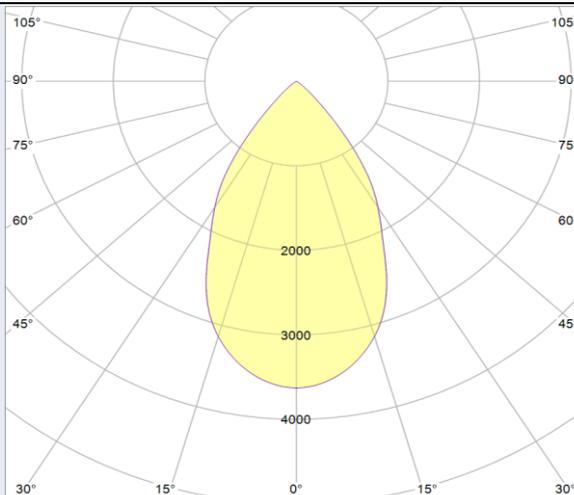
Effect on the beam angle and the efficiency of the reflector when combined with a cover plate, diffuser plate or diffusor lens.

The values are for reference only

**Mixing lens diffuse 35.908.1003-0**

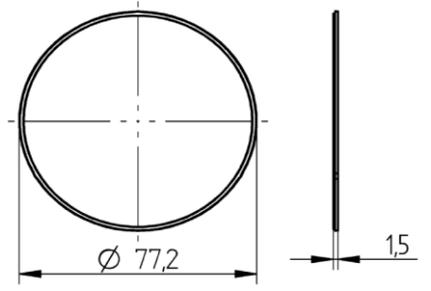


|   |           |
|---|-----------|
| Beam angle with reflector 35.850.1016-0 | 60°       |
| Efficiency with reflector 35.850.1016-0 | 87%       |
| Material                                | PMMA      |
| Rated temperatur                        | 80°C max. |
| Weight                                  | 2.4 g     |

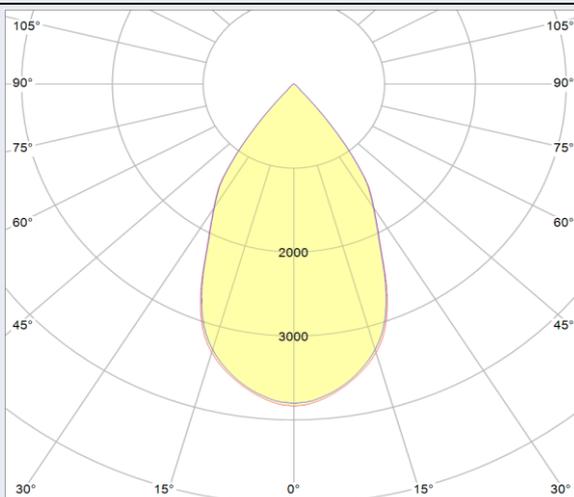


Measured with COB Citizen CLU03J-1208C9-402M2U1 and COB connector 47.319.2025-0

**Cover plate 35.908.1012-0**

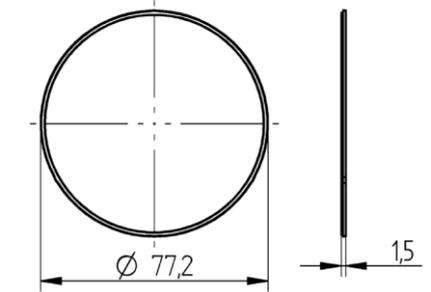


|   |            |
|---|------------|
| Beam angle with reflector 35.850.1016-0 | 57°        |
| Efficiency with reflector 35.850.1016-0 | 86%        |
| Material                                | PC         |
| Rated temperature                       | 100°C max. |
| Weight                                  | 7.8 g      |

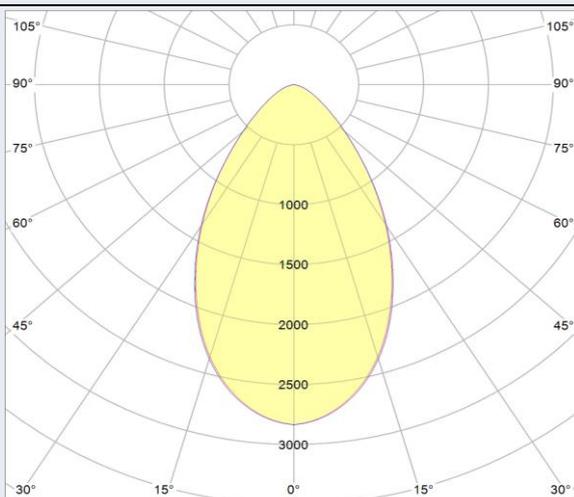


Measured with COB Citizen CLU03J-1208C9-402M2U1 and COB connector 47.319.2025-0

**Cover plate diffuse 35.908.1012-1**



|   |            |
|---|------------|
| Beam angle with reflector 35.850.1016-0 | 61°        |
| Efficiency with reflector 35.850.1016-0 | 84%        |
| 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