

# LED - Lighting and connection technology

**NEW**

**47.950**  
**35.850**

Diffusor plates for reflectors 35.850 with  $\varnothing$  74 mm



pkg. wt. part no.  
1000 3 g **47.950.-403.85**

**Diffusor plate L12F for use with reflectors with  $\varnothing$  74 mm**  
**35.850.1005 - 1008.56**

**Snap in fixing onto top side of the reflector by means of snap in hooks**

**Material: clearPC, satined surface**

The following product properties are achieved by combining a cover plate with a reflector:

- Soft transition of the color fringes
- Possibly visually disruptive openings of the connector are covered
- Dust proof
- Insect protection
- Contact protection

100°C

CAD

pkg. wt. part no.  
1000 3 g **47.950.-404.85**

**Diffusor plate oval for use with reflectors with  $\varnothing$  74 mm**  
**35.850.1005 - 1008.56**

**Snap in fixing onto top side of the reflector by means of snap in hooks**

**Material: clearPC, satined surface**

The following product properties are achieved by combining a cover plate with a reflector:

- Soft transition of the color fringes
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CAD

**Reflector series 35.850**

**35.850.1005.56 Spot**

**35.850.1006.56 Medium**

**35.850.1007.56 Flood**

**35.850.1008.56 Wide Flood**

Connector  $\varnothing$  50 mm

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

Beam angle (FWHM) reflector	Efficiency reflector	Beam angle (FWHM) with diffusor plate <b>47.950.-403.85</b>	Efficiency with diffusor plate <b>47.950.-403.85</b>	Beam angle (FWHM) with diffusor plate <b>47.950.-404.85</b>	Efficiency with diffusor plate <b>47.950.-404.85</b>	
<b>35.850.1005.56</b>	14.5°	89%	25°	83%	17° / 45°	80%
<b>35.850.1006.56</b>	22°	89%	30°	83%	25° / 46°	80%
<b>35.850.1007.56</b>	37°	90%	42°	83%	38° / 48°	79%
<b>35.850.1008.56</b>	58°	89%	59°	83%	54°	78%