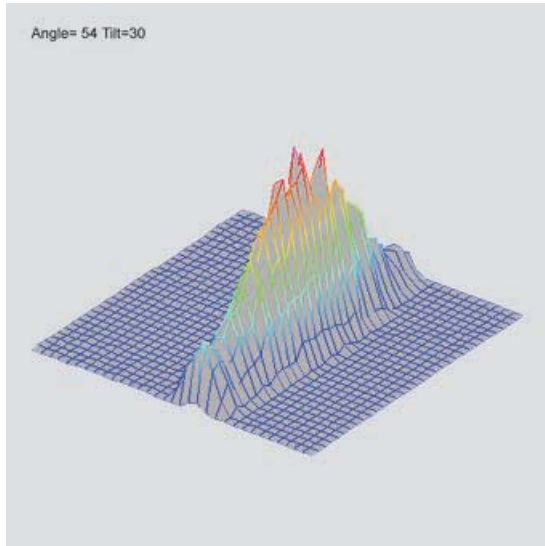


Model IMM-1255FB-635-1-E-K-L

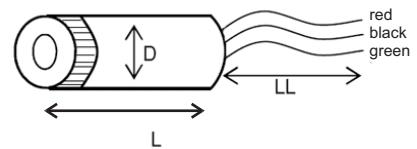
Order Number: 1206000001 SUNSTAR 传感器控制 1206000001 ic.com/ TEL:0755-83376549 FAX:0755-83376182 E-MAIL:szsss20@163.com

Applications

- Industrial alignment
- Positioning
- Light barriers
- Metrology



Typical Beam Profile



Dimensions according to DIN ISO 2768 f if not specified otherwise. Drawing not in scale

D (mm)	12
L (mm)	55 ²⁾
LL (mm)	150 ± 20

Parameter @ Tc=25°C	Min.	Typ.	Max.
Wave length	n. a.	635 nm	640 nm
Operating temperature	5 °C	25 °C	40 °C
Storage temperature	-25 °C	n. a.	70 °C
Beam diameter @ 1/e ²		3.4 x 0.8 mm ²	
Focal length range	20 mm		∞
Beam divergence			0.8 mrad
Beam deviation			25 mrad
Optical output power			0.99 mW
Operating voltage Vcc	4.5 V DC		5.5 V DC
Operating current			55 mA
Laser protection class	2 @ max. Popt		
Lens type	Aspherical plastic lens		
Casing	Aluminium black anodized		
Beam setting	Adjustable focus		

Compliant with RoHS-requirements (2002/95/EG vom 27.01.2003)

- Features:**
- Modulation / Power adjustment via analog input
 - Threaded focus adjustment
 - Diaphragm optional
 - Case insulated

¹⁾ optional

²⁾ typ. @ collimated beam

Note: The above product specifications are subject to change without notice.



Electro Optical Components, Inc.

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