

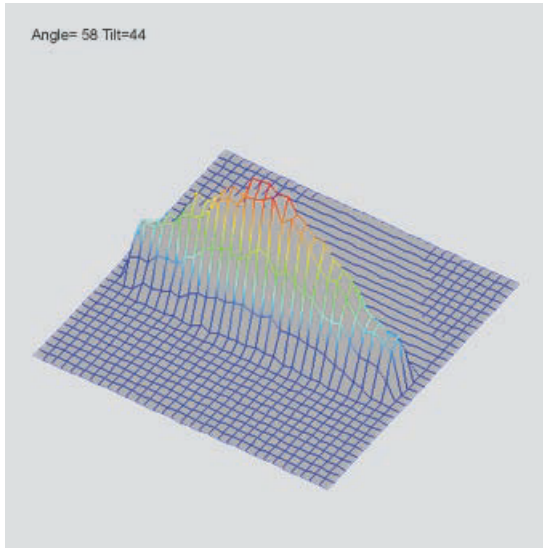
# Model IMM-1020-650-1-E-K

Order Number: 1200000019 SUNSTAR 传感与控制 http://www.sensor-ic.com/ TEL: 0755-83376549 FAX: 0755-83376182 E-MAIL: szss20@163.com

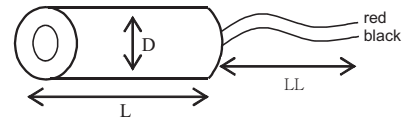


## Applications

- Positioning
- Construction laser applications
- Light barriers



Typical Beam Profile



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

D (mm)	10
L (mm)	20
LL (mm)	150 ± 20

Parameter @ Tc=25°C	Min.	Typ.	Max.
Wave length	n. a.	650 nm	660 nm
Operating temperature	5 °C	25 °C	65 °C
Storage temperature	-25 °C	n. a.	70 °C
Beam diameter @ 1/e <sup>2</sup>		3.4 x 0.8 mm <sup>2</sup>	
Beam divergence			0.8 mrad
Beam deviation			25 mrad
Optical output power			0.99 mW
Operating voltage Vcc	3 V DC		5.5 V DC
Operating current			55 mA
Laser protection class	2		
Lens type	Aspherical plastic lens		
Casing	Aluminium black anodized		
Beam setting	Collimated		

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

**Features:** - Small dimensions

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



**Electro Optical Components, Inc.**

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5460 Skylane Boulevard, Santa Rosa, CA 95403

Phone: (707) 568-1642 • FAX: (707) 568-1652