



## Reflectors and optics Illuminations / LED

VLR-66RD1311



**Model Name** > [VLR-66RD1311](#)  
**Part No.** > [6037799](#)



**At a glance**

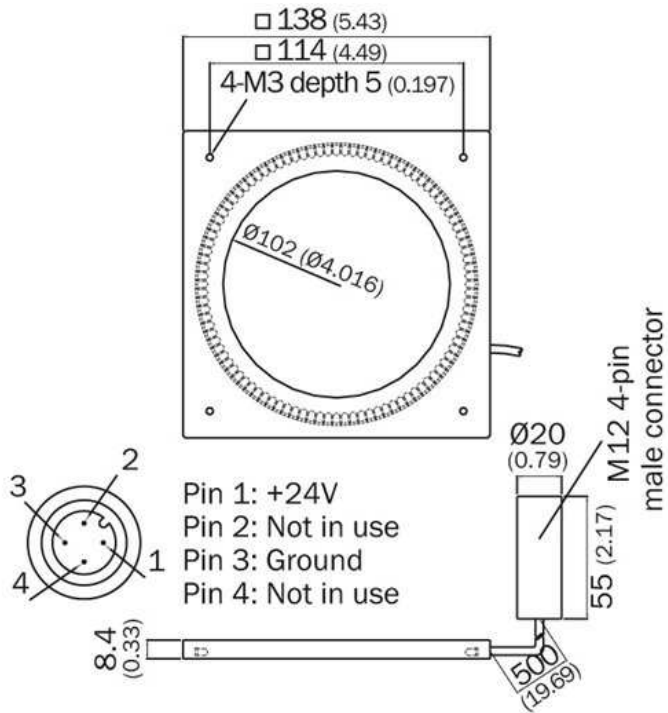
- LED beam angle is 90° to the optical axis
- The single row LED dark field light is perfectly suited for applications with small height variations, such as inspecting edges, defects or scratches on surfaces, typically wafers
- Compact design with a housing height of less than 10 mm

**Technical data**

Description:	Dark field light, light source red, 660 nm, outer dimension 138 mm x 102 mm
Ambient temperature operation:	0 °C ... +40 °C
Accessory group:	Illuminations
Accessory family:	LED
Supply voltage:	24 V DC
Connectors:	Connector M12, 4-pin, L = 0.5 m
Enclosure rating:	IP 20
Weight:	210 g
Ambient storage temperature:	0 °C ... +70 °C <sup>1)</sup>
Power consumption:	≤ 250 mA
Light source:	Red LED (660 nm)
Life time of LED:	> 35,000 h
LED class:	Risk group 1 (low risk, IEC62471 : 2006)
Trigger input signal:	24 V DC High = Light ON
Protection class:	III
Illuminated field:	Ø 80 mm
Sensing distance:	5 mm ... 10 mm

<sup>1)</sup> Relative humidity: 85 %

Dimensional drawing



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