

VITECTOR

FRABA

Photo Eyes

RAY-LG 35XX



General Data

Technology	Light Curtain
Application	Entrapment Protection
Interface	3-Wire OSE and PNP/NPN
Output Load	100 mA, 100 μ F
Operation Range	1 ... 10 m
Supply Voltage	10 ... 30 V DC
Certification	EN ISO 13849-1: 2015, Cat. 2, PL d EN ISO 13849-2: 2012 EN 61508: 2010, Parts 1-7 (SIL 2) EN 12978: 2003+A1: 2019 EN 12453: 2017 E device
Mounting	Mounting Hole, Behind/Beside door frame
Connection cable	5 m (16 ft)
Protection Class	IP 67
Operation Temperature	-40 °C ... +60 °C (-40 °F ... +140 °F)
Power Consumption	40 mA @ 30 V 50 mA @ 24 V 120 mA @ 10 V
Response time	Typical: 40 ms Max: 80 ms
Extension Cable	10 m (32 ft)
Housing Material	EN AW-6060, T6 (AlMgSi0.5)
Aperture Angle	$\pm 5^\circ$

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Cross Section	12 mm x 14.5 mm
Total Height	2 078 mm/2 438 mm
Protection Height	1 945 mm/2 305 mm
Max. Ambient Light	100 000 Lux
Max. Door Opening Speed	1.6 m/s
Number of Optical Elements	20 / 22
Unit of measure	Set