

VDOAH043MSS0010H04STGH040MSS

Technical drawing of the LED light fixture showing front and side views with dimensions:

- Front View (Left):** Shows the main body with a threaded section labeled **M12x1** and a hexagonal base labeled **14**. The height of the base is **15,5**. The length of the main body is **49,5**. The total length including the mounting arm is labeled **L**.
- Side View (Right):** Shows the fixture angled downwards. The mounting arm is labeled **LED**. The height of the base is **26,5**. The width of the base is **15,5**. The width of the mounting arm is **36,5**. The base is labeled **14** and the mounting arm is labeled **M12x1**.



System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Free from silicone	yes

Operating voltage	[V]	10...36 DC
Protection class		II
Max. current load total	[A]	4

Electrical design	PNP
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Ambient temperature	[°C]	-25...90
Note on ambient temperature		cULus: ...75
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...75
Protection		IP 65; IP 67; IP 68; IP 69K

MTTF	[years]	20027
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Weight	[g]	350.8
Dimensions	[mm]	15.5 x 15.5 x 49.5

EVC135



Connection cable

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Molded-body material	TPU (urethane)	
Material nut	brass, nickel-plated	
Sealing material	FKM	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m

Displays / operating elements

Display	Switching status	2 x LED, yellow
	Power	1 x LED, green

Remarks

Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 10 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



EVC135



Connection cable

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Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), black transparent; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

