

TUBE

Robust machine luminaire with the highest quality standards / IP67



IP67

RoHS
compliant



Made in
Germany



IK07

IK08

The TUBE system luminaire provides effective lighting for machinery and equipment, with M12 connectors for standardised connection.

The luminaire is easy to mount, rotates and offers a circuit-independent service life of 50,000 operating hours.

Depending on the application, you can choose different materials for the tubes: the TUBE is available in chemical-resistant borosilicate glass and in impact-resistant polycarbonate.

Fluctuating temperatures, oil, water or various chemicals therefore affect neither the luminosity nor the service life.

Borrow a sample now



Specifications

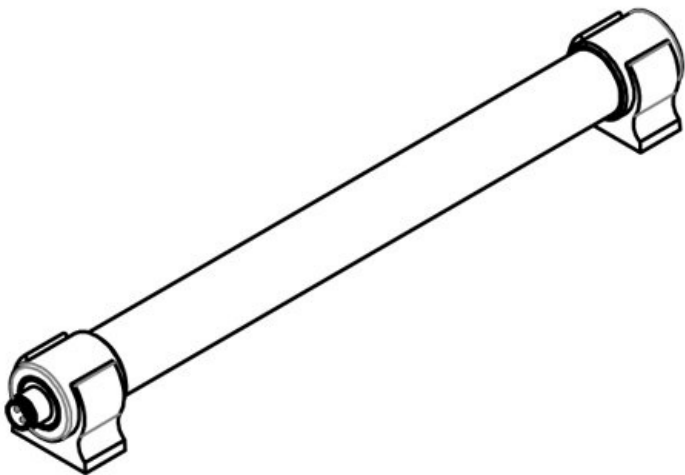
IP rating (EN 60529)	IP67
Protection class	III (Protective extra-low voltage)
Material	Tube: Polycarbonate Tube: Borosilicate glass End caps: Stainless steel
Flame class	
Operating temperature	-20 C° to 50 C°
Mounting options	Snap-in

Product types & sizes

Advantages & benefits

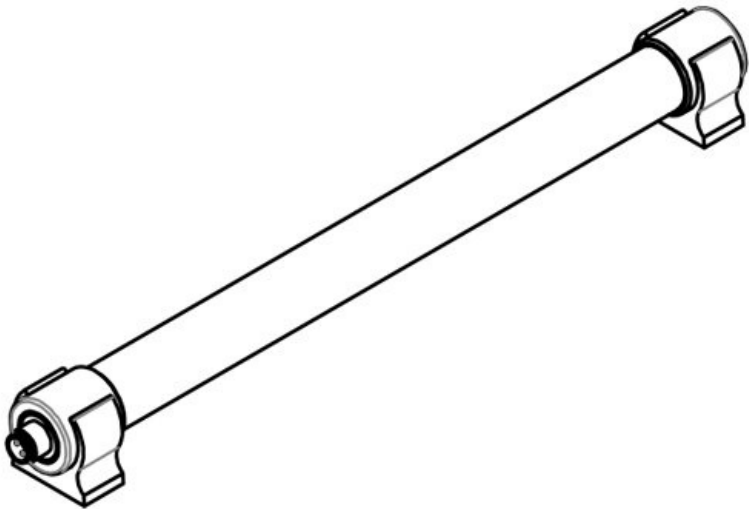
- Chemical-resistant borosilicate glass or impact-resistant polycarbonate tube
- Protection class IP67
- Completely maintenance-free product
- High energy efficiency thanks to High Power LED
- Compact round design ø 28 mm, suitable for the tightest installation situations
- Easy retrofitting in existing machines
- With rotating LED tube
- Stainless steel end caps
- Cable connection via M12 connector

TUBE 8 W | 300 mm



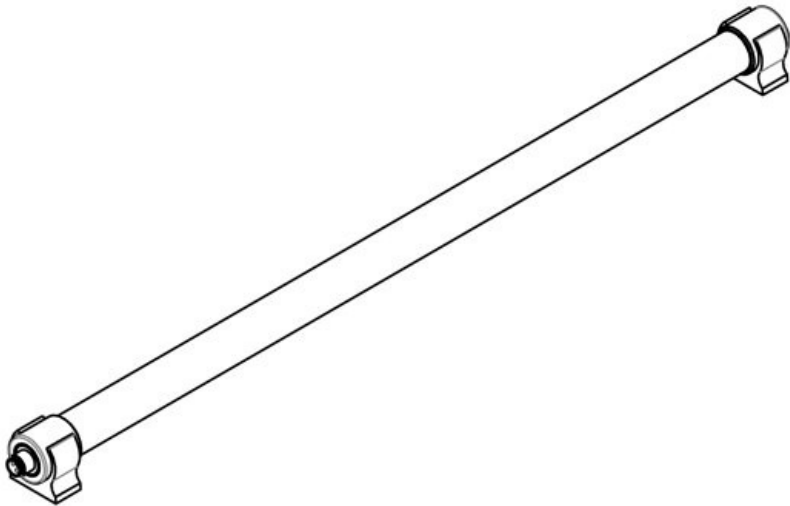
Part No.	81502	End cap	28 mm
EAN	4251269333	diameter	
	132	Connection	M12
Package	1	possibilities	connector
quantity		Connector	M12 flange
Length	296,1 mm	type	socket
Height	36 mm	Rated power	8 W
Width	34 mm	Operating	24 V, DC
Tube diameter	24 mm	voltage	±5%
		Service life	50.000 h
		Energy	E
		efficiency class	
		Consumption	13
		kWh/1000 h	
		Colour	5.600 K
		temperature	
		Colour	>80
		rendering	
		index CRI	
		Luminous flux	1.000 lm
		Material tube	Polycarbonate

TUBE 11,2 W | 330 mm



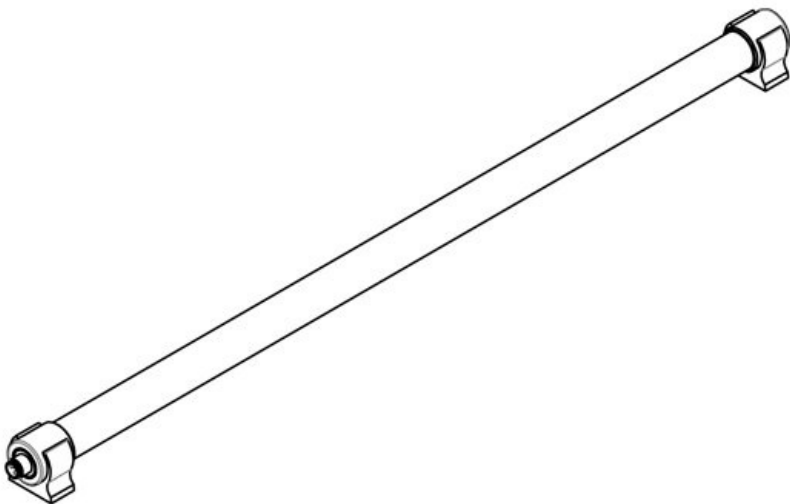
Part No.	81503	End cap	28 mm
EAN	4251269333	diameter	
	149	Connection	M12
Package	1	possibilities	connector
quantity		Connector	M12 flange
Length	331,1 mm	type	socket
Height	36 mm	Rated power	11,2 W
Width	34 mm	Operating	24 V, DC
Tube diameter	24 mm	voltage	±5%
		Service life	50.000 h
		Colour	5.000 K
		temperature	
		Colour	>80
		rendering	
		index CRI	
		Luminous flux	1.650 lm
		Material tube	Borosilicate glass

TUBE 13 W | 570 mm



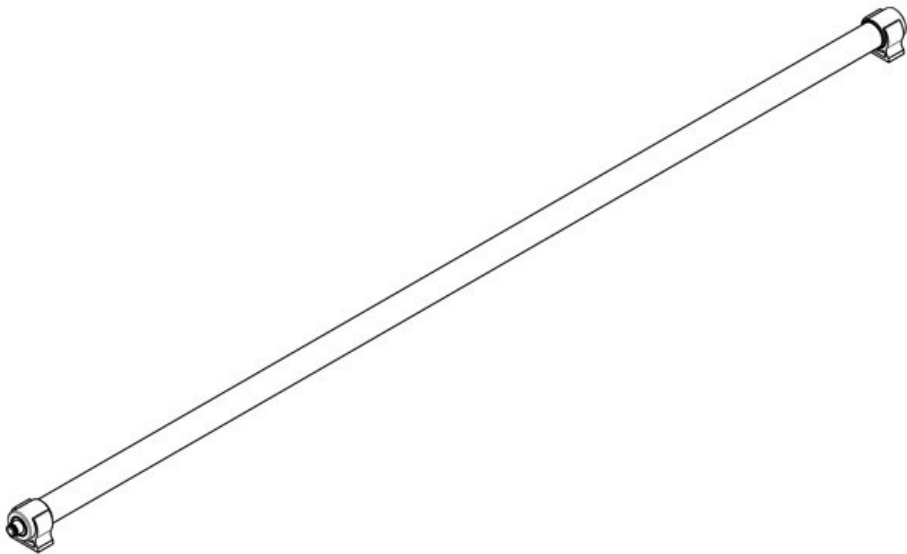
Part No.	81500	End cap	28 mm
EAN	4251269333	diameter	
	118	Connection	M12
Package	1	possibilities	connector
quantity		Connector	M12 flange
Length	565,1 mm	type	socket
Height	36 mm	Rated power	13 W
Width	34 mm	Operating	24 V, DC
Tube diameter	24 mm	voltage	±5%
		Service life	50.000 h
		Energy	E
		efficiency class	
		Consumption	13
		kWh/1000 h	
		Colour	5.600 K
		temperature	
		Colour	>80
		rendering	
		index CRI	
		Luminous flux	1.700 lm
		Material tube	Polycarbonate
			e

TUBE 16,8 W | 615 mm



Part No.	81504	End cap	28 mm
EAN	4251269333	diameter	
	156	Connection	M12
Package	1	possibilities	connector
quantity		Connector	M12 flange
Length	615,1 mm	type	socket
Height	36 mm	Rated power	16,8 W
Width	34 mm	Operating	24 V, DC
Tube diameter	24 mm	voltage	±5%
		Rated current	1,08 A
		Service life	50.000 h
		Colour	5.000 K
		temperature	
		Colour	>80
		rendering	
		index CRI	
		Luminous flux	2.775 lm
		Material tube	Borosilicate
			glass

TUBE 26 W | 1080 mm



Part No.	81501	End cap	28 mm
EAN	4251269333125	diameter	
Package	1	Connection possibilities	M12 connector
quantity		Connector	M12 flange
Length	1.074,6 mm	type	socket
Height	39 mm	Rated power	26 W
Width	30,4 mm	Operating voltage	24 V, DC
Tube diameter	24 mm		±5%
		Rated current	1,0 A
		Service life	50.000 h
		Energy efficiency class	E
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	3.400 lm
		Material tube	Polycarbonate

Connecting cable for TUBE, 5000 mm



Part No.	81530	Material cable	Polyurethane
EAN	4251269333163	sheath	e
Package	1		
quantity			
Length connecting cable	5.000 mm		
Connector type	M12 connector, Ferrules		
Operating voltage	24 V DC ±5%		
Colour	black		

Connecting cable for TUBE, 10000 mm

Part No.	81531	Material cable	Polyurethane
EAN	4251269333170	sheath	e
Package quantity	1		
Length connecting cable	10.000 mm		
Connector type	M12 connector, Ferrules		
Operating voltage	24 V DC ±5%		
Colour	black		



Mounting clips TUBE, stainless steel

Part No.	91443	No. of screw	1
EAN	4251269335082	holes	
		Diam. of screw	6,5 mm
Package quantity	2	holes	
Length	30 mm		
Height	38 mm		
Width	27 mm		
Colour	black		





Part No.	91070	Colour	black
EAN		No. of screw	1
Package quantity	1	holes	
Length	18,4 mm	Diam. of screw	4,2 mm
Height	34 mm	holes	
Width	34 mm		
End cap diameter	28 mm		