

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.

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Specifications

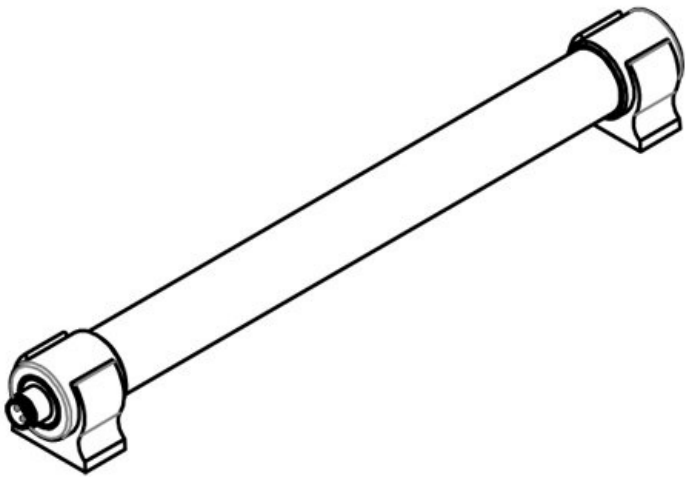
IP rating (EN 60529)	IP67
Protection class	III (Protective extra-low voltage)
Material	Tube: Polycarbonate End caps: Stainless steel
Operating temperature	-20 C° to 50 C°
Mounting options	Snap-in

Advantages & benefits

- 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

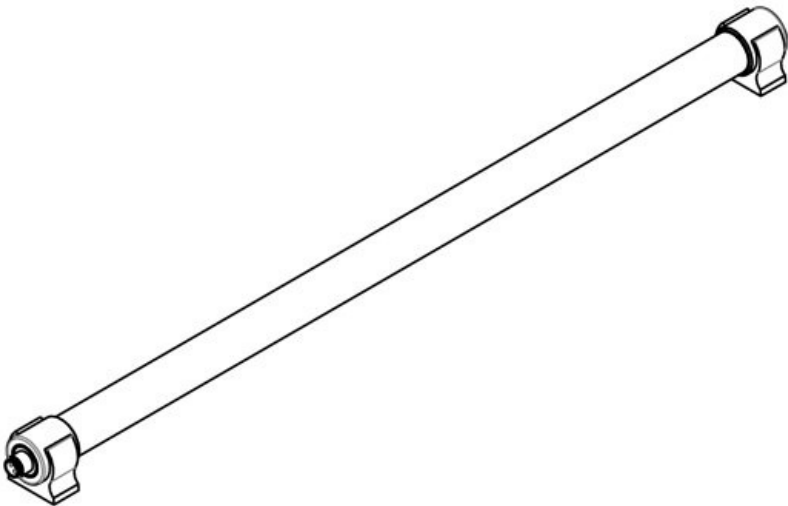
Product types & sizes

TUBE 8 W | 300 mm

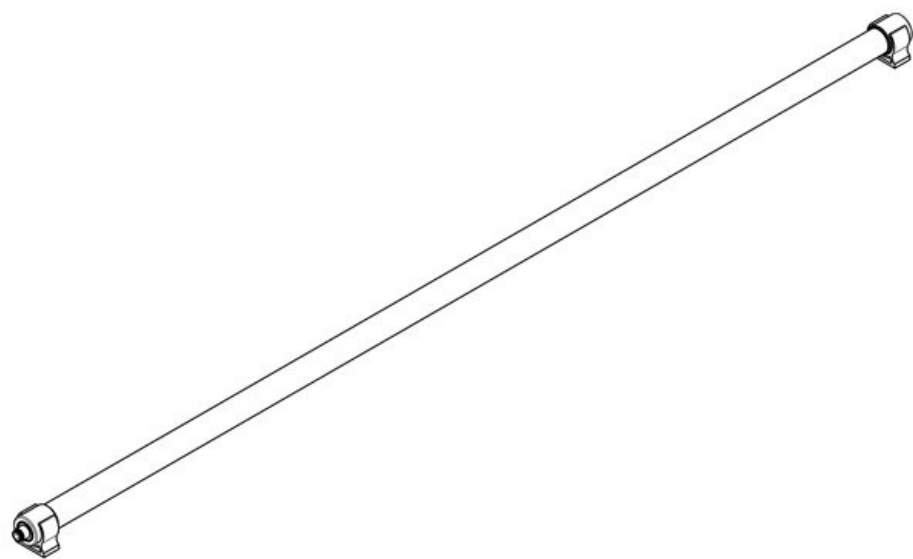


Part No.	81502	End cap	28 mm
EAN	4251269333132	diameter	
Package	1	Connection possibilities	M12 connector
quantity		Connector type	M12 flange socket
Length	296,1 mm	Rated power	8 W
Height	36 mm	Operating voltage	24 V, DC
Width	34 mm	Service life	±5% 50.000 h
Tube diameter	24 mm	Energy efficiency class	E
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.000 lm
		Material tube	Polycarbonate

TUBE 13 W | 570 mm



Part No.	81500	End cap	28 mm
EAN	4251269333118	diameter	
Package	1	Connection possibilities	M12 connector
quantity		Connector type	M12 flange socket
Length	565,1 mm	Rated power	13 W
Height	36 mm	Operating voltage	24 V, DC
Width	34 mm	Service life	±5% 50.000 h
Tube diameter	24 mm	Energy efficiency class	E
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.700 lm
		Material tube	Polycarbonate



Part No.	81501	End cap	28 mm
EAN	4251269333	diameter	
	125	Connection	M12
Package	1	possibilities	connector
quantity		Connector	M12 flange
Length	1.074,6 mm	type	socket
Height	39 mm	Rated power	26 W
Width	30,4 mm	Operating	24 V, DC
Tube diameter	24 mm	voltage	±5%
		Rated current	1,0 A
		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	3.400 lm
		Material tube	Polycarbonate

Connecting cable for TUBE, 5000 mm



Part No.	81530	Material cable	Polyurethane
EAN	4251269333	sheath	e
	163		
Package	1		
quantity			
Length	5.000 mm		
connecting			
cable			
Connector	M12		
type	connector,		
	Ferrules		
Operating	24 V DC ±5%		
voltage			
Colour	black		

Connecting cable for TUBE, 10000 mm



Part No.	81531	Material cable	Polyurethane
EAN	4251269333	sheath	e
Package quantity	170		
Length connecting cable	1		
Connector type	10.000 mm		
Operating voltage	M12 connector, Ferrules		
Colour	24 V DC ±5%		
	black		

Mounting clips TUBE, stainless steel



Part No.	91443	No. of screw	1
EAN	4251269335	holes	
Package quantity	082	Diam. of screw	6,5 mm
Length	2	holes	
Height	30 mm		
Width	38 mm		
Colour	27 mm		
	black		

Mounting clip TUBE, opening size 28 mm

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

