

TUBE

Robust machine luminaire with the highest quality standards / IP67



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.

IP67

IK07

RoHS compliant

IK08

REACH COMPLIANCE

Made in Germany

CE

UK CA

Specifications

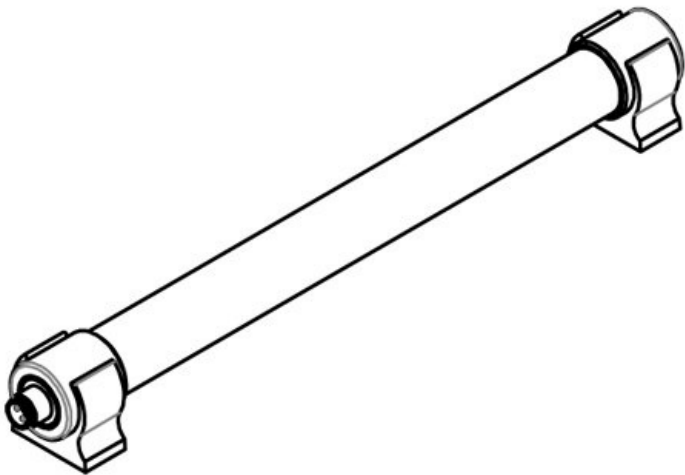
IP rating (EN 60529)	IP67
Protection class	III (Protective extra-low voltage)
Material	Tube: Polycarbonate End caps: Stainless steel
Flame class	
Operating temperature	-20 C° to 50 C°
Mounting options	Snap-in

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

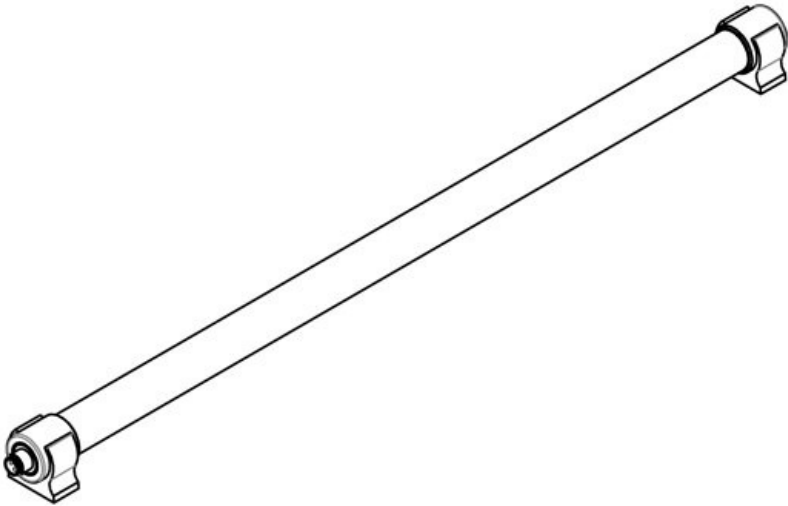
Product Types & Sizes

TUBE 8 W | 300 mm



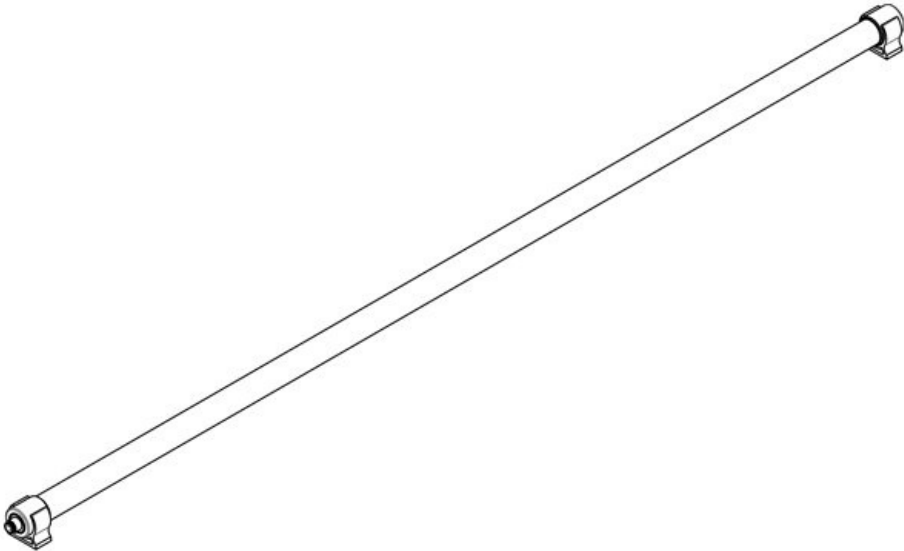
Part No.	81502	End cap	28 mm
EAN	4251269333	diameter	
	132	Connection	M12
Package	1	possibilities	connector
quantity		Connector	M12 flange
Length	296,1 mm	type	socket
Height	36 mm	Rated power	8 W
Width	34 mm	Operating	24 V, DC
Tube diameter	24 mm	voltage	±5%
		Service life	50.000 h
		Energy	E
		efficiency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

TUBE 13 W | 570 mm



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

TUBE 26 W | 1080 mm



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

Connecting cable for TUBE, 5000 mm

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



Mounting clips TUBE, stainless steel



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

Mounting clip TUBE, opening size 28 mm



Part No.	91070	Color	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		