

Technical data sheet

Tower light element

Part no.: 50130431

E7-V1-DB-C

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For illustration purposes only



Technical data

Basic data

Series	E7
Suitable for	Tower light elements of the E7 series
Type of signaling	Optical

Electrical data

Life expectancy	> 100,000 h
Performance data	
Supply voltage U_B	24 V, AC/DC, 10 %
Current consumption, max.	58 mA

Mechanical data

Design	Cylindrical
Dimension ($\varnothing \times L$)	70 mm x 61 mm
Housing material	Plastic
Net weight	80 g
Type of fastening	Bayonet system
Type of illuminant	LED/24V
Signal image	Flashing light
Lens color	Clear
Blink/flash frequency	2 Hz
Angle of radiation	360°

Environmental data

Ambient temperature, operation	-30 ... 60 °C
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Certifications

Degree of protection	IP 66
Certifications	c UL US

Classification

Customs tariff number	85318070
ECLASS 5.1.4	27371220
ECLASS 8.0	27371220
ECLASS 9.0	27371220
ECLASS 10.0	27371220
ECLASS 11.0	27371220
ECLASS 12.0	27371220
ECLASS 13.0	27371220
ECLASS 14.0	27371220
ETIM 5.0	EC000232
ETIM 6.0	EC000232
ETIM 7.0	EC000232
ETIM 8.0	EC000232
ETIM 9.0	EC000232

Notes



Observe intended use!



- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with its intended use.




For UL applications:






- ⚠ For UL applications, use is only permitted in Class 2 circuits in accordance with the NEC (National Electric Code).

Accessories

Mounting

	Part no.	Designation	Article	Description
	50130436	E7-MH1	Tower light element	Connection: Terminal, Tension spring technology Design: Cylindrical Diameter: 70 mm Version: Horizontal mounting Fastening, at system: Screw type / horizontal Lens modules: Max. 5 pieces Module holder: One side Ambient temperature: -30 ... 60 °C Degree of protection: IP 66

Accessories

	Part no.	Designation	Article	Description
	50130440	E7-MP1-100	Tower light element	Connection: Terminal, Tension spring technology Design: Cylindrical Diameter: 70 mm Version: Base mounting Fastening, at system: Screw type / horizontal Lens modules: Max. 5 pieces Module holder: One side Ambient temperature: -30 ... 60 °C Degree of protection: IP 66
	50130437	E7-MW1	Tower light element	Connection: Terminal, Tension spring technology Design: Cylindrical Diameter: 70 mm Version: Bracket mounting Fastening, at system: Screw type / vertical Lens modules: Max. 5 pieces Module holder: One side Ambient temperature: -30 ... 60 °C Degree of protection: IP 66
	50130438	E7-MW2	Tower light element	Connection: Terminal, Tension spring technology Design: Cylindrical Diameter: 70 mm Version: Bracket mounting Fastening, at system: Screw type / vertical Lens modules: Max. 10 pieces Module holder: Two-sided Ambient temperature: -30 ... 60 °C Degree of protection: IP 66

Note



↗ A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.