

Technical data sheet

Tower light element

Part no.: 50144838

A7-V1-DS-M7-T



For illustration purposes only

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Technical data

Basic data

Series	A7
Suitable for	Tower light elements of the A7 – Advanced Series
Type of signaling	Optical

Electrical data

Life expectancy	> 100,000 h
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Performance data

Supply voltage U_B	24 V, DC, 10 %
Current consumption, max.	70 mA

Connection

Notes	Protected against accidental interchanges: Actuation of the colors is performed via PINs, thus, the calotte position can be freely selected (see operating instructions). The individual colors are actuated via VCC (PNP)
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Mechanical data

Design	Cylindrical
Dimension ($\varnothing \times L$)	70 mm x 50 mm
Housing material	Plastic
Net weight	109 g
Type of fastening	Bayonet system
Type of illuminant	LED/24V
Display of the lens colors	7 colors can be selected
Signal image	Continuous or flashing light
Angle of radiation	360°

Environmental data

Ambient temperature, operation	-10 ... 60 °C
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Certifications

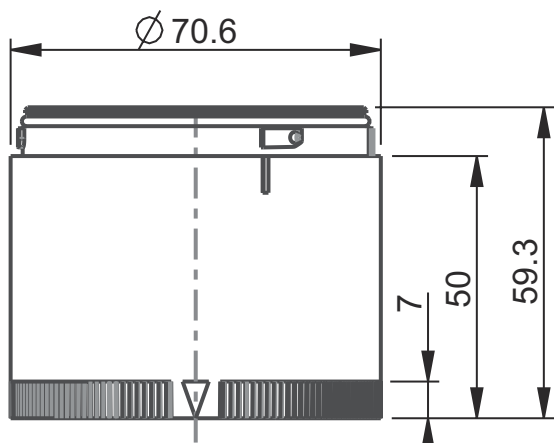
Degree of protection	IP 66
Approvals	CE CSA

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
ECLASS 15.0	27371220
ECLASS 16.0	27371220
ETIM 5.0	EC000232
ETIM 6.0	EC000232
ETIM 7.0	EC000232
ETIM 8.0	EC000232
ETIM 9.0	EC000232
ETIM 10.0	EC000232

Dimensioned drawings

All dimensions in millimeters



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.

Accessories

General

	Part no.	Designation	Article	Description
	50135462	A7-V1-BZ1-M	Tower light element	Signaling: Acoustic Current consumption, max.: 70 mA Design: Cylindrical Fastening: Bayonet system Operational controls: DIP switch, 225° potentiometer Ambient temperature: -10 ... 60 °C Degree of protection: IP 66 Tone type: Continuous or pulse tone Sound pressure: 100 dB Number of tones: 8 Piece(s)
	50138151	A7-V1-BZ2-S	Tower light element	Signaling: Acoustic Current consumption, max.: 30 mA Design: Cylindrical Fastening: Bayonet system Operational controls: 225° potentiometer Ambient temperature: -10 ... 60 °C Degree of protection: IP 66 Tone type: Continuous tone Sound pressure: 105 dB Number of tones: 1 Piece(s)
	50138366	A7-V1-BZ3-S	Tower light element	Signaling: Acoustic Current consumption, max.: 30 mA Design: Cylindrical Fastening: Bayonet system Operational controls: 225° potentiometer Ambient temperature: -10 ... 60 °C Degree of protection: IP 66 Tone type: Pulse tone Sound pressure: 105 dB Number of tones: 1 Piece(s)

Note



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