

Select your language

- German
- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English



WBGL24 - Filament lamp, 24-28V, W2x4, 6 d, 1W



089247 WBGL24

[Overview](#) [Specifications](#) [Resources](#)



089247 WBGL24

Filament lamp, 24-28V, W2x4, 6 d, 1W

Alternate Catalog No.

WBGL24

EL-Nummer (Norway)

4356335

Filament lamp, Product range: Accessories, Single unit, 24 - 28 V/1.0 W, Lifespan to EN60064 at $t_a = +25^\circ\text{C}$: t_{mean} (AC) 7000 h, Connection to SmartWire-DT: no

- [Delivery program](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Approvals](#)

Delivery program

Product range
Accessories
Basic function accessories
Filament bulbs
Single unit/Complete unit
Single unit
Type
24 - 28 V/1.0 W
Lifespan to EN60064 at $t_a = +25^\circ\text{C}$ [t_{mean} (AC)]
7000 h
Connection to SmartWire-DT
no

Design verification as per IEC/EN 61439

Technical data for design verification
Rated operational current for specified heat dissipation [I_r]
0 A
Heat dissipation per pole, current-dependent [P_{id}]
0 W
Equipment heat dissipation, current-dependent [P_{id}]
0 W
Static heat dissipation, non-current-dependent [P_{is}]
1 W
Heat dissipation capacity [P_{diss}]
0 W
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+60 °C
IEC/EN 61439 design verification
10.2 Strength of materials and parts 10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.5 Lifting
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.6 Mechanical impact
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.7 Inscriptions
 Meets the product standard's requirements.
 10.3 Degree of protection of ASSEMBLIES
 Does not apply, since the entire switchgear needs to be evaluated.
 10.4 Clearances and creepage distances
 Meets the product standard's requirements.
 10.5 Protection against electric shock
 Does not apply, since the entire switchgear needs to be evaluated.
 10.6 Incorporation of switching devices and components
 Does not apply, since the entire switchgear needs to be evaluated.
 10.7 Internal electrical circuits and connections
 Is the panel builder's responsibility.
 10.8 Connections for external conductors
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.2 Power-frequency electric strength
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.3 Impulse withstand voltage
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.4 Testing of enclosures made of insulating material
 Is the panel builder's responsibility.
 10.10 Temperature rise
 The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
 10.11 Short-circuit rating
 Is the panel builder's responsibility. The specifications for the switchgear must be observed.
 10.12 Electromagnetic compatibility
 Is the panel builder's responsibility. The specifications for the switchgear must be observed.
 10.13 Mechanical function
 The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

Lamps (EG000028) / Indication- and signalling lamp (EC000399)

Electric engineering, automation, process control engineering / Lighting installation, device / Light medium/ Indication- and signal lamp (ecl@ss10.0.1-27-11-06-31 [AKE242014])

Lamp power

1 - 1 W

Lamp voltage

24 - 28 V

Luminous flux

0 lm

Socket

W2x4.6d

Technology

Incandescent lamp

Lamp shape

Pear-shape

Halogen

No

Krypton

No

Xenon

No

Colour

None

Colour temperature

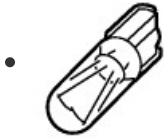
2800 K

Diameter
5 mm
Total length
20 mm
Suitable for torches
No
Suitable for pointer
Yes
Suitable for round flashing luminaire
Nominal current
40 mA
Average nominal lifespan
3000 h
Energy efficiency class

Approvals

North America Certification
UL/CSA certification not required

3D drawing



116I018

Line drawing
Filament bulb

Product photo



116A253

Photo
Filament bulb

Instruction Leaflet

- [Mounting of components \(IL04716016Z\)](#)
Asset
(PDF, multilingual)

Declaration of Conformity

EU

- [Operating and signalling devices RMQ 16 \(DA-DC-00003460\)](#)
Asset
(PDF)

UK

- [Operating and signalling devices RMQ 16 \(DA-DC-00003961\)](#)
Asset
(PDF)

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)
Eaton EMEA Download-Center

[Generate data sheet in PDF format](#)



[Generate data sheet in Excel format](#)



[Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2021 by Eaton Industries GmbH

