

WLS28-2XW710L25XQ

LED Linear Light – In the Metal Housing



Technical data

Type	WLS28-2XW710L25XQ
ID	3088022
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Color temperature	6100...+7000 K
Luminous flux lumen	1625 lm
Aperture angle degree	25 °
Beam angle	25°
LED service life (L70)	50000 h
Dimmable	Two-stage
Features of color 1	White, Permanently on, 1500 lm
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_o	≤ 1750 mA
Input power	21 W
Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
Dimensions	750 x 28 x 32.2 mm
Housing material	Metal, AL
Window material	Acrylic, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4
Ambient temperature	-40...+70 °C
Storage temperature	-40...+70 °C

Features

- Light beam: 710mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color: White
- M12 x 1 male, straight, 4-pin
- Window with 25-degree lens
- SMBWLS28RA mounting bracket included in delivery

Wiring diagram



Functional principle

The low-energy LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 lumen. Some work lights are switched on/off via supply power (10...30 VDC) and some types by means of a button directly at the LED lamp. In addition, the LED can be dimmed to 50% of its light output by activating a high signal on PIN 4, or for the variants with a switch, by means of a further switch position. On some models the light output is continuously dimmable via a PWM signal on pin 4. Cascadable variants are also available. Variants with a clear or diffuse plastic windows, as well as with an aperture angle of 25°.

Application note:

Cascading with 12 V supply allows total light length of 1.4 m. Cascading with 24 V supply allows total light length of 3.0 m. Cascading with 30 V supply allows total light length of 3.1 m.

