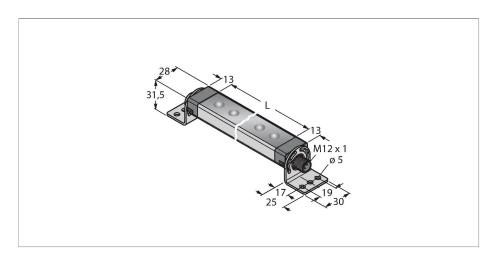


# WLS28-2XWW430DXQ LED Linear Light – In the Metal Housing



### Technical data

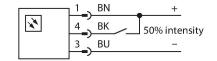
Туре	WLS28-2XWW430DXQ		
ID	3094675		
Signal and display data			
Purpose	LED work light		
Function	Linear light		
Light type	White		
Color temperature	2900+3200 K		
Luminous flux lumen	975 lm		
Aperture angle degree	60 °		
Beam angle	wide beam 40-80°		
LED service life (L70)	50000 h		
Dimmable	Two-stage		
Features of color 1	White, Permanently on, 900 Im		
Electrical data			
Operating voltage U <sub>B</sub>	1230 VDC		
DC rated operating current I <sub>e</sub>	≤ 1010 mA		
Input power	12.12 W		
Mechanical data			
Cascadable	No		
Design	Rectangular, WLS28-2		
Dimensions	468 x 28 x 20.9 mm		
Housing material	Metal, AL		
Window material	Polycarbonate, diffuse		
Electrical connection	Connector, M12 × 1, PVC		
Number of cores	4		
Ambient temperature	-40+70 °C		
Storage temperature	-40+70 °C		



### **Features**

- ■Light beam: 430mm
- ■Operating voltage: 12...30 VDC
- Protection class: IP50
- Color: White
- ■M12 x 1 male, straight, 4-pin
- 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.



## Technical data

Relative humidity 0...90 %

Protection class IP50

Tests/approvals

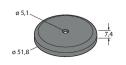
Approvals CE, UL

At 50% light intensity, the length specifications should be doubled.

## Accessories

SMBWLSMAG 3019574

Magnetic fixture for mounting work lights and sensors, 2 pieces



SMBWLS28SP

SMBWLS28RA

3015764

Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



28,9 35 17,8 0 7,1 35 Snap bracket for mounting WLS28 work lights

## Accessories

Dimension drawing	Type	ID	
M12 x 1 0 15	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
0 15 M12×1 26.5	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval