

WLS28-2XWGRYB5-0285X24Q

Work Light – Linear Light



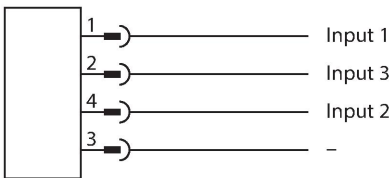
Technical data

Type	WLS28-2XWGRYB5-0285X24Q
ID	3804659
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White Green Red Yellow Blue
Luminous flux lumen	650 lm
Aperture angle degree	60 °
Beam angle	wide beam 40-80°
LED service life (L70)	50000 h
Dimmable	Yes
Features of color 1	White, Permanently on, 650 lm
Features of color 2	Green, 400 lm
Features of color 3	Red, 185 lm
Features of color 4	Yellow, 570 lm
Features of color 5	Blue, 125 lm
Electrical data	
Operating voltage	12...30 VDC
DC rated operational current	≤ 660 mA
Max. current consumption per color	400 mA
Input power	7.92 W
Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2

Features

- Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Colors: White (COL 1), Green (COL 2), Red (COL 3), Yellow (COL 4), Blue (COL 5)
- Automatic temperature monitoring
- SMBWLS28RA mounting bracket included in delivery

Wiring diagram



Input 1: Pin 1 Brown Wire	Input 2: Pin 4 Black Wire	Input 3: Pin 2 White Wire	LED Color
—	—	—	Light OFF
+24 V dc	—	—	Color 1 ON
—	+24 V dc	—	Color 2 ON
—	—	+24 V dc	Color 3 ON
+24 V dc	+24 V dc	—	Color 4 ON
+24 V dc	—	+24 V dc	Color 5 ON
—	+24 V dc	+24 V dc	Light OFF
+24 V dc	+24 V dc	+24 V dc	Light OFF

Light Length	Typical Current			Max. Current A
	12 VDC	24 VDC	30 VDC	
145 mm	0.33 A	0.15 A	0.12 A	0.4
285 mm	0.66 A	0.30 A	0.24 A	0.8
430 mm	1.01 A	0.46 A	0.36 A	1.2
570 mm	1.36 A	0.61 A	0.48 A	1.6
710 mm	1.75 A	0.77 A	0.60 A	2.0
850 mm	2.13 A	0.92 A	0.73 A	2.4
990 mm	2.59 A	1.08 A	0.85 A	2.8
1130 mm	3.04 A	1.24 A	0.97 A	3.2

Technical data

Dimensions	327 x 28 x 21 mm
Housing material	Metal, AL
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1
Number of cores	4
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

Accessories

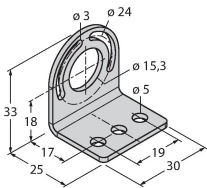
SMBWLSMAG	3019574
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Magnetic fixture for mounting work lights and sensors, 2 pieces



SMBWLS28RA	3015764
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Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



SMBWLS28SP	3088063
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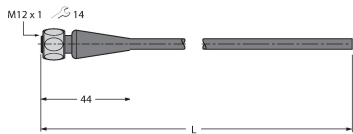
Snap bracket for mounting WLS28 work lights



Accessories

Dimension drawing	Type	ID	
	RKH4.5-2/TFG	6933455	

Connection cable, M12 female connector, straight, 5-pin, stainless steel coupling nut, cable length: 2 m, jacket material: TPE, gray; temperature range: -40...+105 °C



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