

BL60W340L14ASQ

Vision System – Linear Area Light

Technical data

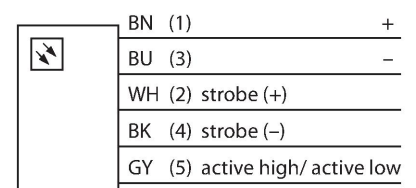
Type	BL60W340L14ASQ
ID	3815819
Signal and display data	
Purpose	Image processing
Function	Linear light
Light type	White
Color temperature	5000 K
Luminous flux lumen	1375 lm
LED service life (L70)	90000 h
Electrical data	
Operating voltage U_b	12...30 VDC
DC rated operating current I_a	≤ 600 mA
Mechanical data	
Cascadable	No
Design	Right-angled
Dimensions	381.4 x 60.9 x 31.3 mm
Housing material	Aluminium, AL, Black
Window material	Plastic, clear
Electrical connection	Connector, M12
Number of cores	5
with motion switch	no
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Protection class	IP50
Tests/approvals	
Approvals	CE, cULus listed, UKCA
Approvals	CE UKCA UL



Features

- Increased visibility and efficiency in inspection and image-processing applications
- Homogeneous illumination of work areas
- Robust, sealed housing with protection class IP69K
- Dimming via PWM and stroboscopic function
- Light color: Daylight white (5000 K)
- Luminous flux: 1375 lm
- Power supply: 12...30 VDC
- Adjustable intensity range: 1...10 VDC corresponds to 10...100 % light output
- Plug connector M12 × 1, 5-pin
- Light length: 254 mm

Wiring diagram



Functional principle

The BL60 linear line light supports image processing systems in detecting defects by illuminating objects in front of the camera with bright LEDs fitted with lenses. By selecting the most appropriate lighting option for their inspection needs, users can achieve excellent contrast and a high level of detail. This high-intensity lighting solution, housed in a robust IP69K aluminum housing and three possible window options, clear or diffuse polycarbonate and borosilicate glass, ensures long-lasting performance and minimal maintenance costs for washdown environments. The BL60 series offers optimum brightness for any application with

adjustable PWM/stroboscopic function and 1 V to 10 V dimming function.