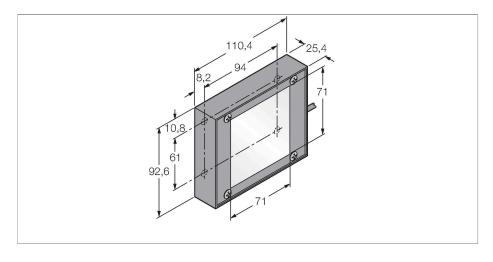


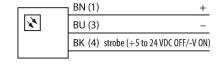
LEDRB70X70W Vision System – Backlight



Features

- Protection class: IP40
- Color: red
- Power supply: 24 VDC
- Cable, 2 m

Wiring diagram



Technical data

Signal and display data Purpose Image processing Function Area light Light type Red Wavelength 620630 nm LED service life (L70) 50000 h Features of color 1 Red Electrical data Operating voltage 24 VDC DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals Approvals CE, cULus listed	Туре	LEDRB70X70W
Purpose Image processing Function Area light Light type Red Wavelength 620630 nm LED service life (L70) 50000 h Features of color 1 Red Electrical data Poperating voltage Operating voltage 24 VDC DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Pesign Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	ID	3069904
Function Area light Light type Red Wavelength 620630 nm LED service life (L70) 50000 h Features of color 1 Red Electrical data Operating voltage 24 VDC DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Signal and display data	
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Wavelength 620630 nm LED service life (L70) 50000 h Features of color 1 Red Electrical data Operating voltage 24 VDC DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Function	Area light
LED service life (L70) 50000 h Features of color 1 Red Electrical data Operating voltage 24 VDC DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Light type	Red
Features of color 1 Electrical data Operating voltage DC rated operational current Max. current consumption per color Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40	Wavelength	620630 nm
Electrical data Operating voltage DC rated operational current Max. current consumption per color Mechanical data Design Dimensions 110.4 x 92.6 x 25 mm Housing material Window material Metal, Low-carbon steel Window material Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature O+50 °C Protection class IP40 Tests/approvals	LED service life (L70)	50000 h
Operating voltage 24 VDC DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Rectangular Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Features of color 1	Red
DC rated operational current ≤ 250 mA Max. current consumption per color 250 mA Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Electrical data	
Max. current consumption per color Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Window material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Operating voltage	24 VDC
Mechanical data Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	DC rated operational current	≤ 250 mA
Design Rectangular Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Max. current consumption per color	250 mA
Dimensions 110.4 x 92.6 x 25 mm Housing material Metal, Low-carbon steel Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Mechanical data	
Housing material Window material Electrical connection Number of cores Ambient temperature Protection class Tests/approvals Metal, Low-carbon steel Acrylic, diffuse Cable, 2 m, PVC 3 0+50 °C	Design	Rectangular
Window material Acrylic, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Dimensions	110.4 x 92.6 x 25 mm
Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Housing material	Metal, Low-carbon steel
Number of cores 3 Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Window material	Acrylic, diffuse
Ambient temperature 0+50 °C Protection class IP40 Tests/approvals	Electrical connection	Cable, 2 m, PVC
Protection class IP40 Tests/approvals	Number of cores	3
Tests/approvals	Ambient temperature	0+50 °C
**	Protection class	IP40
Approvals CE, cULus listed	Tests/approvals	
11	Approvals	CE, cULus listed

Functional principle

Installed directly behind the object, opposite to the sensor. Highly diffuse surfaces and consistent brightness, with lower intensity compared to other lights.