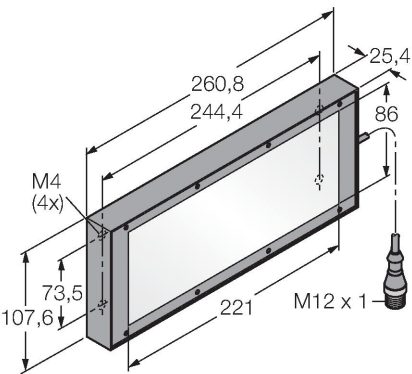


# LEDRB85X220QPMA

## Vision System – Backlight



### Features

- Protection class: IP40
- Color: red
- Power supply: 24 VDC
- M12 x 1 male

### Wiring diagram



### Technical data

|                                           |                                            |
|-------------------------------------------|--------------------------------------------|
| Type                                      | LEDRB85X220QPMA                            |
| ID                                        | 3073276                                    |
| Signal and display data                   |                                            |
| Purpose                                   | Image processing                           |
| Function                                  | Area light                                 |
| Light type                                | Red                                        |
| Wavelength                                | 620...630 nm                               |
| LED service life (L70)                    | 50000 h                                    |
| Features of color 1                       | Red                                        |
| Electrical data                           |                                            |
| Operating voltage U <sub>B</sub>          | 24 VDC                                     |
| DC rated operating current I <sub>e</sub> | ≤ 500 mA                                   |
| Max. current consumption per color        | 500 mA                                     |
| Mechanical data                           |                                            |
| Design                                    | Rectangular                                |
| Dimensions                                | 260.8 x 107.6 x 25 mm                      |
| Housing material                          | Metal, Low-carbon steel                    |
| Window material                           | Acrylic, diffuse                           |
| Electrical connection                     | Cable with connector, M12 x 1, 0.15 m, PUR |
| Number of cores                           | 4                                          |
| Ambient temperature                       | 0...+50 °C                                 |
| Protection class                          | IP40                                       |
| Tests/approvals                           |                                            |
| 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.