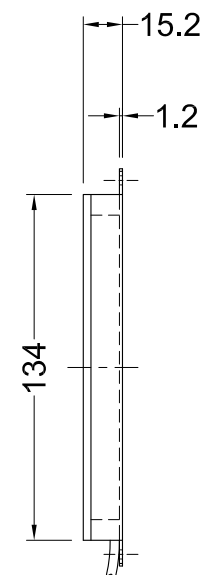
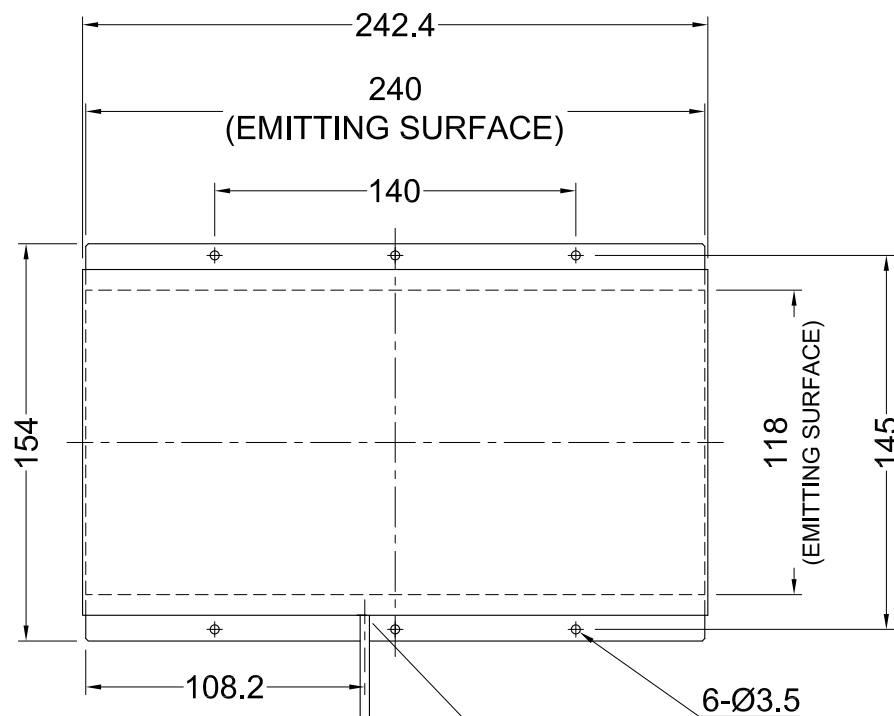


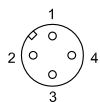
# QBL-240120-66

|                   |               |
|-------------------|---------------|
| Model             | QBL-240120-66 |
| Voltage           | 24V DC        |
| Power Consumption | 34.6 W        |
| Mass              | 600 g         |

Third Angle Projection All dimensions in mm

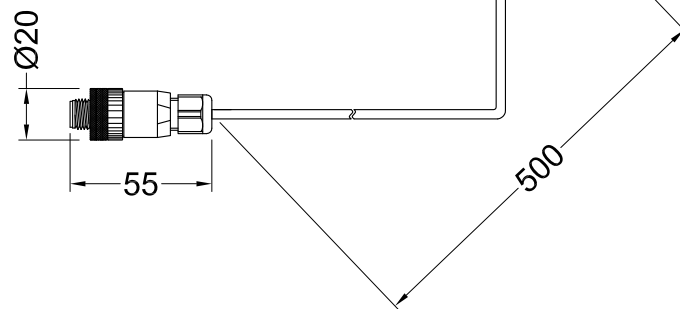


## M12 X 1 MALE CONNECTOR



PIN 1: (+): BROWN  
PIN 2: NC  
PIN 3: (-): BLUE  
PIN 4: NC

CABLE THICKNESS 3.6



# QL series

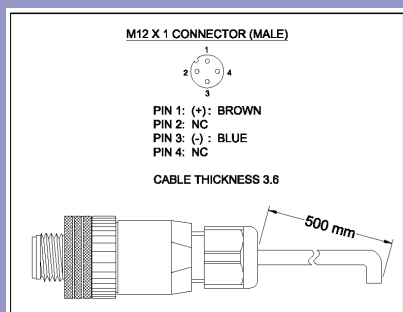
Quality, features and pricing  
for a new Vision World

## QBL BACK LIGHTS

- High intensity
- 24 Volt input
- Industry standard rugged connectors and cables
- Compact size
- Value priced



| Part number | Color   | Power       | Weight |
|-------------|---------|-------------|--------|
| QBL-030030- | 66      | 24V / 1.8W  | 50 g   |
|             | 47 / SW | 24V / 2.9W  |        |
| QBL-060060- | 66      | 24V / 7.2W  | 110 g  |
|             | 47 / SW | 24V / 11.6W |        |
| QBL-120120- | 66      | 24V / 23.1W | 310 g  |
|             | 47 / SW | 24V / 21.6W |        |
| QBL-180180- | 66      | 24V / 38.9W | 750 g  |
| QBL-240240- | 66      | 24V / 69.2W | 1000 g |
| QBL-180120- | 66      | 24V / 34.6W | 460 g  |
| QBL-240120- | 66      | 24V / 34.6W | 600 g  |



- All QL series lights come standard with a 500mm cable and a quick disconnect M12 connector.
- For connection to **QLC-200-24V** controller or direct to 24VDC power supply (QPS-24V), use QRK-44T-n (n=2,3,5) extension cable.
- For connection to CCS 24V power supplies, use QADC-01 adaptor.

### Part number designation

QBR-xxxxyy-zz  
xxx : case length in mm  
yyy : case height in mm

zz : 66 660 nm Red  
47 470 nm Blue  
52 525 nm Green  
IR95 950 nm Infrared  
SW White

## QL Series Connections Guide For:

### QBL-240120-66

#### Power Supply Options:

PD2-5024  
STU-3000

- For connection to above listed power supplies, use QADC-01 adaptor cable.
- Extension cables for QBL-240120-66 light when used with above listed power supplies (QADC-01 adaptor required):

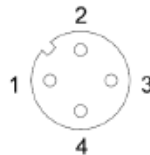
|       |               |         |
|-------|---------------|---------|
| FCB-1 | FRCB-5        | FCB-F-5 |
| FCB-2 | FCB-10        | FCB-W-2 |
| FCB-3 | FCB-20-1.25SQ | FCB-W-5 |
| FCB-5 | FCB-F-2       |         |

#### 24V DC Connection:

- For direct connection to 24V DC regulated power supply (QPS-24DC), use QRK-44T-n (n=2,3,5) extension cable.

#### **QRK-44T-n Cable Schematic Diagram**

##### M12 X 1 FEMALE CONNECTOR



PIN 1: (+): BROWN  
PIN 2: NC  
PIN 3: (-) : BLUE  
PIN 4: NC: BLACK



#### **QRK-44T-n (n= 2,3,5) Extension Cable**