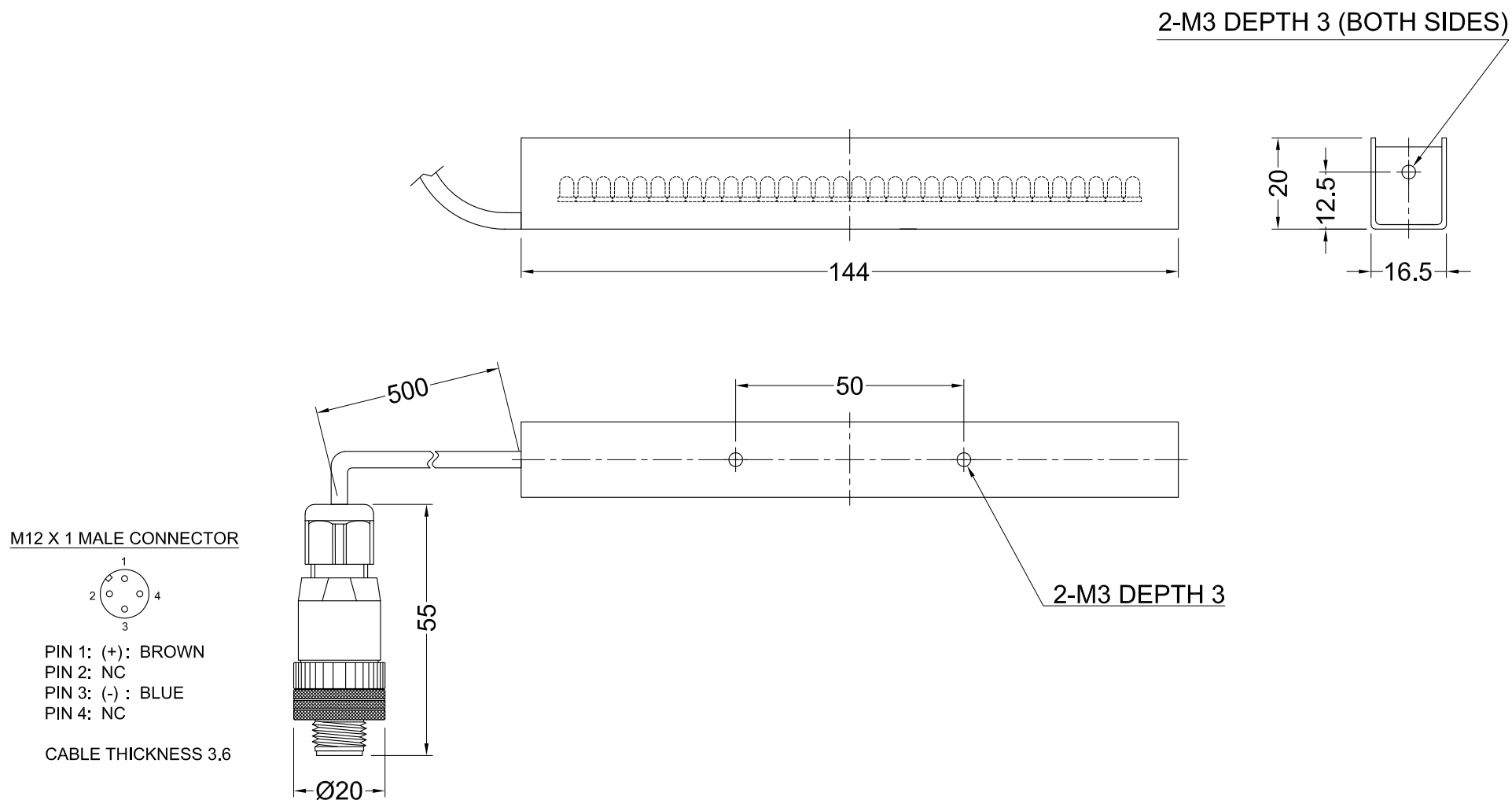


# QBR-144016-47/-52/-66/-IR95/-SW

|                   |                       |               |                 |
|-------------------|-----------------------|---------------|-----------------|
| Model             | QBR-144016-47/-52/-SW | QBR-144016-66 | QBR-144016-IR95 |
| Voltage           | 24V DC                | 24V DC        | 24V DC          |
| Power Consumption | 7.7 W                 | 4.8 W         | 7.2 W           |
| Mass              | 105 g                 | 105 g         | 105 g           |

Third Angle Projection All dimensions in mm



# QL series

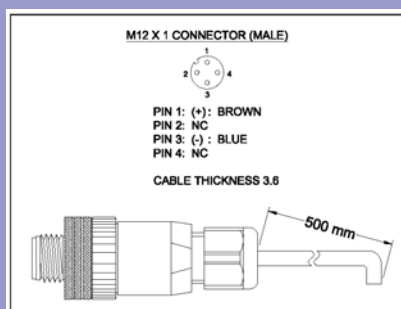
- High intensity
- 24 Volt input
- Industry standard rugged connectors and cables
- Compact size
- Value priced

Quality, features and pricing  
for a new Vision World

## QBR DIRECT BAR LIGHTS



| Part Number                                  | Color        | Power                        | Weight | Diffuser      | Polarizer     |
|----------------------------------------------|--------------|------------------------------|--------|---------------|---------------|
| QBR-061016                                   | 66 / IR95    | 24 V / 2.4 W                 | 55 g   | DF-QBR-061016 | PL-QBR-061016 |
|                                              | 47 / 52 / SW | 24 V / 2.9 W                 |        |               |               |
| QBR-109016                                   | 66 / IR95    | 24 V / 4.8 W                 | 85 g   | DF-QBR-109016 | PL-QBR-109016 |
|                                              | 47 / 52 / SW | 24 V / 5.8 W                 |        |               |               |
| QBR-144016                                   | 66 / IR95    | 24 V / 4.8 W<br>24 V / 7.2 W | 105 g  | DF-QBR-144016 | PL-QBR-144016 |
|                                              | 47 / 52 / SW | 24 V / 7.7 W                 |        |               |               |
| QBR-257016                                   | 66 / IR95    | 24 V / 9.0 W<br>24 V / 9.6 W | 180 g  | DF-QBR-257016 | PL-QBR-257016 |
|                                              | 47 / 52 / SW | 24 V / 14.4 W                |        |               |               |
| QBR-109028                                   | 66 / IR95    | 24 V / 7.2 W<br>24 V / 9.6 W | 115 g  | DF-QBR-109028 | PL-QBR-109028 |
|                                              | 47 / 52 / SW | 24 V / 8.7 W                 |        |               |               |
| WD-QBR-109028                                | 66           | 24V / 7.2W                   | 454 g  | -             | -             |
| *IP67 washdown rated<br>*Cable length: 1.5 m | SW           | 24V / 8.7W                   |        | -             | -             |
| QBR-144028                                   | 66           | 24 V / 8.9 W                 | 140 g  | -             | -             |



- 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.

\*Washdown QBR lights come with a 1.5 m cable.

### Part number designation

QBR-xxxxyy-zz

xxx : case length in mm  
yyy : case height in mm

zz : 47 470 nm Blue  
52 520 nm Green  
66 660 nm Red  
IR95 950 nm Infrared  
SW 5500K White

# QL Series Connections Guide For:

## QBR-144016-SW

### Power Supply Options:

|              |            |             |
|--------------|------------|-------------|
| PB-2430      | PD2-5024   | DIL-5000-WV |
| PSB-3024VB   | PD2-3024-2 | STU-3000    |
| PSB-1024V-WW | PD2-3024-4 |             |
| PD2-1024     | PTU2-3024  |             |
| PD2-3024     | PDS-30     |             |

- For connection to above listed power supplies, use QADC-01 adaptor cable.
- Extension cables for QBR-144016-SW 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, use QRK-44T-n (n=2,3,5) extension cable.

### QLC-200-24V – Overdriving Strobe Controller:

- For connection to QLC-200-24V controller or direct to 24VDC (QPS-24DC), use QRK-44T-n (n=2,3,5) extension cable.






**QL Light**

**Extension cable**  
QRK-44t-n

**Controller**  
QLC-200-24V

**24 V DC supply**  
QPS-24DC

| Part Numbers    |             |                |
|-----------------|-------------|----------------|
| Extension Cable | Controller  | 24 V DC Supply |
| QRK Series      | QLC-200-24V | QPS-24DC       |

| Extension Cable Part numbers |            |
|------------------------------|------------|
| Part Number                  | Length (m) |
| QRK-44T-2                    | 2          |
| QRK-44T-3                    | 3          |
| QRK-44T-5                    | 5          |

