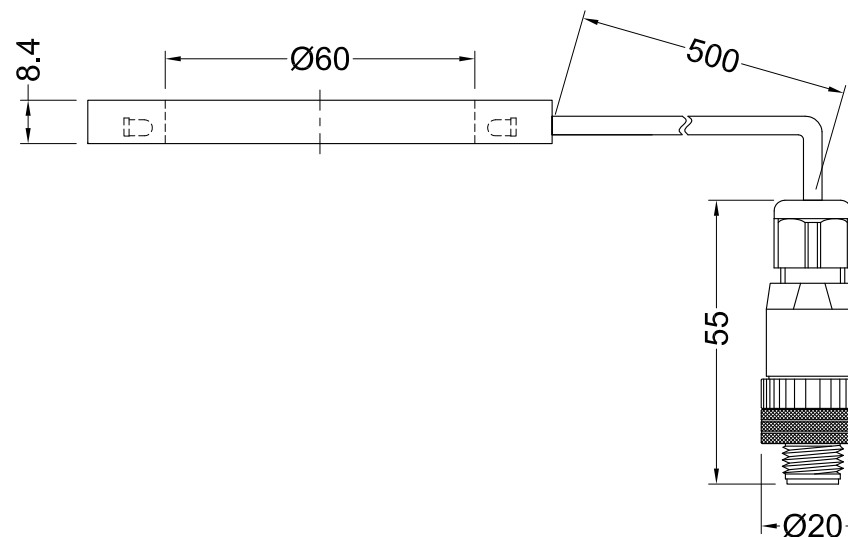
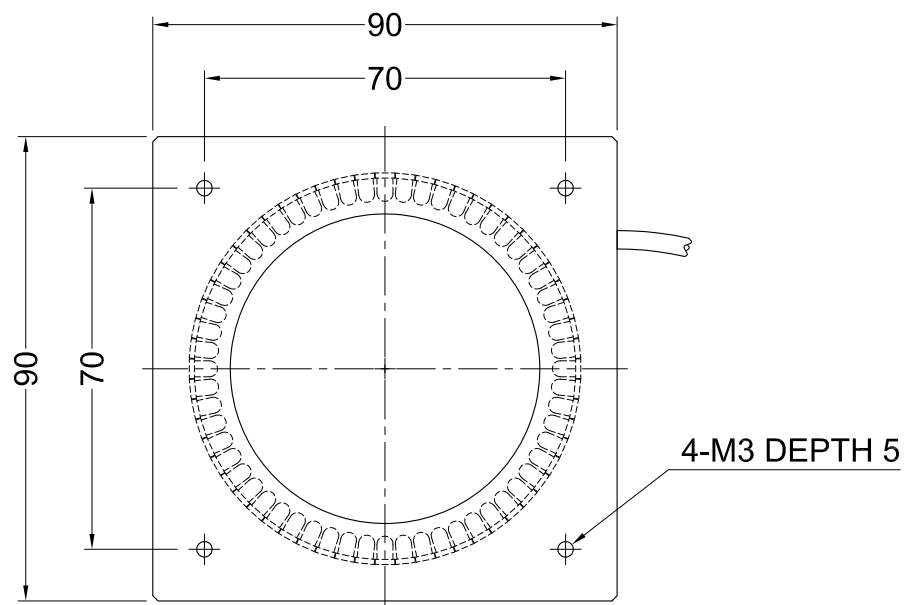


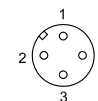
# QDF-090060-47/-52/-66/-SW

|                   |                       |               |
|-------------------|-----------------------|---------------|
| Model             | QDF-090060-47/-52/-SW | QDF-090060-66 |
| Voltage           | 24V DC                | 24V DC        |
| Power Consumption | 4.8 W                 | 3.0 W         |
| Mass              | 115 g                 | 115 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

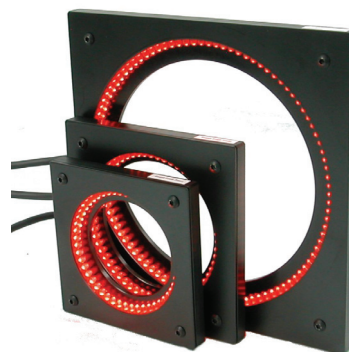
CABLE THICKNESS 3.6

# QL series

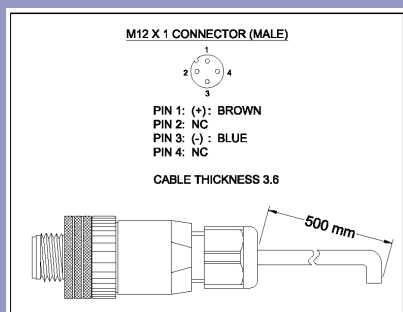
Quality, features and pricing  
for a new Vision World

## QDF DARK FIELD LIGHTS

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



| Part number | Color        | Power      | Weight |
|-------------|--------------|------------|--------|
| QDF-075045- | 66           | 24V / 3.0W | 90 g   |
|             | 47 / 52 / SW | 24V / 4.8W |        |
| QDF-090060- | 66           | 24V / 3.0W | 115 g  |
|             | 47 / 52 / SW | 24V / 4.8W |        |
| QDF-138102- | 66           | 24V / 6.0W | 210 g  |
|             | 47 / 52 / SW | 24V / 9.6W |        |



- 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:

### QDF-090060-47

#### Power Supply Options:

|              |            |             |
|--------------|------------|-------------|
| PB-2430      | PD2-3024   | PDS-30      |
| PSB-524V     | PD2-5024   | DIL-5000-WV |
| PSB-3024VB   | PD2-3024-2 | STU-3000    |
| PSB-1024V-WW | PD2-3024-4 |             |
| PD2-1024     | PTU2-3024  |             |

- For connection to above listed power supplies, use QADC-01 adaptor cable.
- Extension cables for QDF-090060-47 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          |

