Modular Tower Light

The Choice is Yours: You choose how to order and build the TL70 with the flexibility to customize the tower light as needed and change positions in the field.

- **Big and bright** 70 mm tower lights have two banks of LEDs
- **Rugged**, water-resistant IP65 housing with UV stabilized material
- **Customize** lights for your application by selecting solid ON or flashing for each light segment
- Up to five individual colors, plus audible (92 dB or 101 dB) in one device or choose a multicolored segment with **up to three colors in one segment**
- Bright, uniform indicator segments appear gray when off to **eliminate false indication** from ambient light

A Better Design by Banner

The TL70 tower light is Banner's latest achievement in rethinking and designing a better indicator.

IP65 housing for industrial use

Brighter lights—
two banks of LEDs

Stack up to six modules, with five color choices (red, green, yellow, white and blue), plus one audible per device

Light segments can be configured solid ON or flashing

Loud (92 dB) or louder (101dB) adjustable alarm with four selectable tones—pulsed, chirp, siren or continuous

Multicolor segment allows for up to three colors in one segment

Match your machine with a choice of black or gray housing
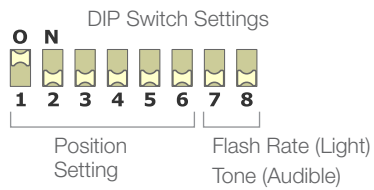
The Easiest Tower Light to Install

The TL70 tower light design is user friendly with just a few easy steps to complete installation.

1. Module Settings

- Assign module position (switches 1-6)
- Assign flash rate or audible tone (switches 7-8)

DIP Switch Settings

```
O N
1 2 3 4 5 6 7 8
```

Position Setting | Flash Rate (Light) Tone (Audible)

2. Assemble

- Align segment markings
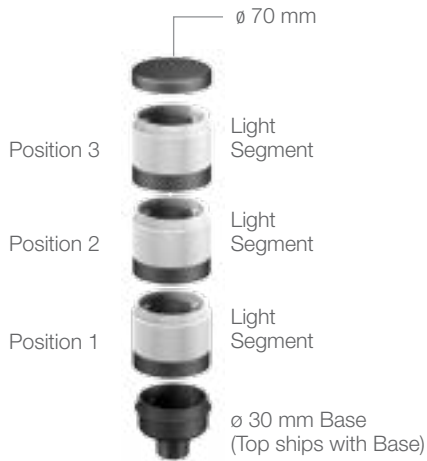- Press together
- Twist to lock

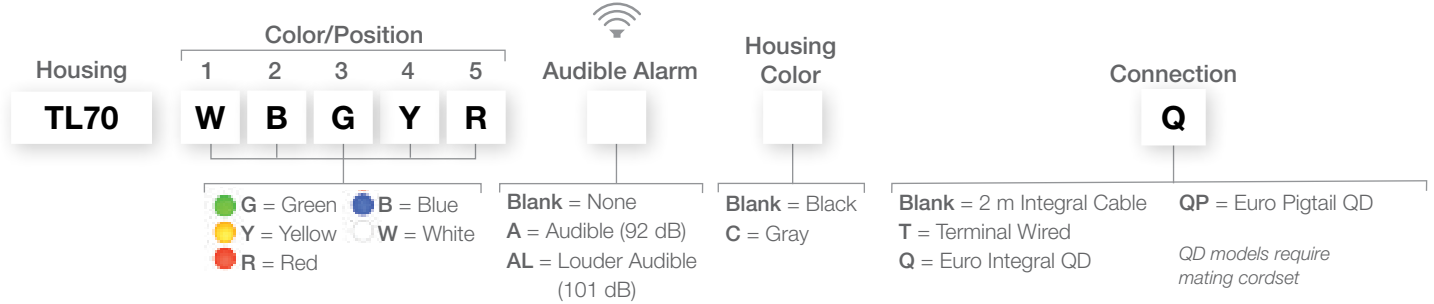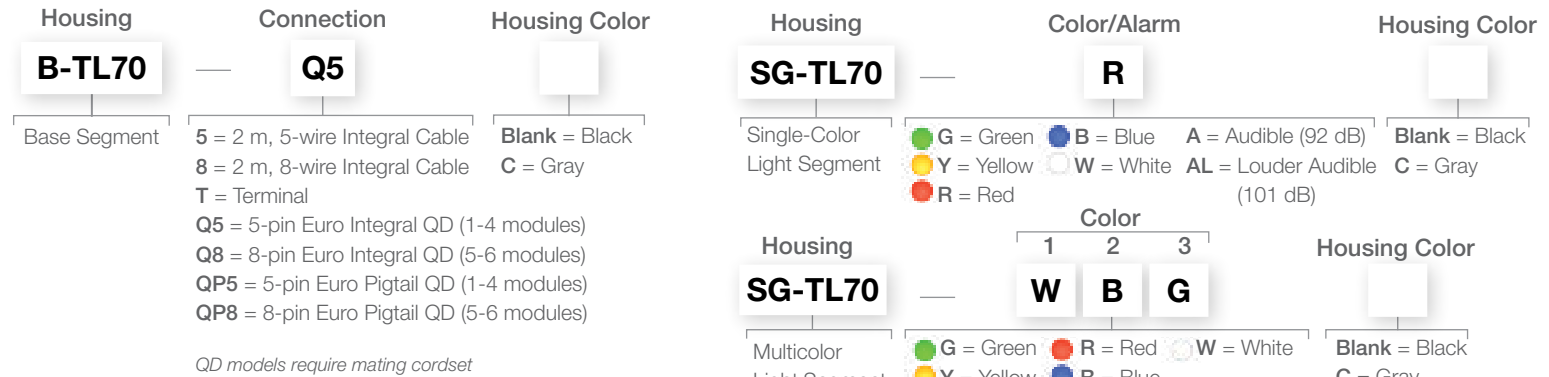## 3. Apply Power

- M12 QD
- Flying lead cable
- Terminals

TL70 Modular Tower Light

Order Preassembled

Housing	Color/Position					Audible Alarm	Housing Color	Connection
TL70	**W**	**B**	**G**	**Y**	**R**			**Q**

1 2 3 4 5

- **G** = Green **B** = Blue
- **Y** = Yellow **W** = White
- **R** = Red

Audible Alarm
- **Blank** = None
- **A** = Audible (92 dB)
- **AL** = Louder Audible (101 dB)

Housing Color
- **Blank** = Black
- **C** = Gray

Connection
- **Blank** = 2 m Integral Cable
- **T** = Terminal Wired
- **Q** = Euro Integral QD
- **QP** = Euro Pigtail QD

QD models require mating cordset

ø 70 mm

Position 3 — Light Segment
Position 2 — Light Segment
Position 1 — Light Segment

ø 30 mm Base (Top ships with Base)

Order Components to Build your Own

Housing	—	Connection	Housing Color
B-TL70		**Q5**	

Base Segment

Connection
- **5** = 2 m, 5-wire Integral Cable
- **8** = 2 m, 8-wire Integral Cable
- **T** = Terminal
- **Q5** = 5-pin Euro Integral QD (1-4 modules)
- **Q8** = 8-pin Euro Integral QD (5-6 modules)
- **QP5** = 5-pin Euro Pigtail QD (1-4 modules)
- **QP8** = 8-pin Euro Pigtail QD (5-6 modules)

Housing Color
- **Blank** = Black
- **C** = Gray

QD models require mating cordset

Housing	—	Color/Alarm	Housing Color
SG-TL70		**R**	

Single-Color Light Segment

- **G** = Green **B** = Blue **A** = Audible (92 dB)
- **Y** = Yellow **W** = White **AL** = Louder Audible (101 dB)
- **R** = Red

Housing Color
- **Blank** = Black
- **C** = Gray

Housing	—	Color			Housing Color
SG-TL70		**W**	**B**	**G**	

1 2 3

Multicolor Light Segment

- **G** = Green **R** = Red **W** = White
- **Y** = Yellow **B** = Blue

Housing Color
- **Blank** = Black
- **C** = Gray

Supply Voltage	12 to 30 V dc
Construction	Bases, Covers and Light Segments: Polycarbonate
Environmental Rating	IP65
Operating Temperature	−40 to +50 °C (−40 to +122 °F)
Certifications	UL Listed CE

Accessories

SMBAMS30RA70 Right-angle bracket

Flush Mount Foldable Bracket
SA-FFB12 Black Polycarbonate
SA-FFB12C Gray Polycarbonate
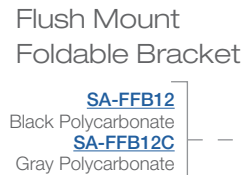
Elevated Mount System
SA-M30 Black polycarbonate adapter/cover
SA-M30C Gray polycarbonate adapter/cover

- **SOP-E12-150A** (150 mm)
- **SOP-E12-300A** (300 mm)
- **SOP-E12-900A** (900 mm)
  Black anodized aluminum pipe
- **SOP-E12-150AC** (150 mm)
- **SOP-E12-300AC** (300 mm)
- **SOP-E12-900AC** (900 mm)
  Clear anodized aluminum pipe
- **SOP-E12-150SS** (150 mm)
- **SOP-E12-300SS** (300 mm)
- **SOP-E12-900SS** (900 mm)
  304 stainless steel pipe

5-Pin M12/ Euro-Style Cordsets* Straight connector models listed
- **MQDC1-506** 2 m (6.5')
- **MQDC1-515** 5 m (15')
- **MQDC1-530** 9 m (30')

8-Pin M12/ Euro-Style Cordsets* Straight connector models listed.
- **MQDC2S-806** 2 m (6.5')
- **MQDC2S-815** 5 m (15')
- **MQDC2S-830** 9 m (30')

* For right-angle models add RA to the end of model number (example, MQDC1-506RA)

Link to data sheets

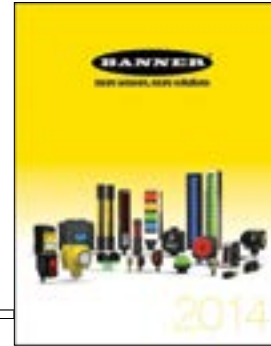**Link to catalog**

Link to the Banner website

Link to CAD files

WLC90 Heavy Duty LED Light

Banner's WLC90 Heavy Duty Lights are designed to operate in harsh environments and withstand washdown and spray from water as well as many chemicals including coolants and detergents. They are compact and bright, making them an excellent choice for machining centers and food processing equipment.

- Oil, chemical, and water resistant with IP67, IP66g, and IP69K ratings
- Wide operating temperature range with an internal monitoring circuit that dims the LEDs to a safe level at extreme temperatures
- Three lens choices to suit many application needs
- Pan-and-tilt brackets for versatile mounting to direct the light in any direction
- Models have three discrete intensity level settings

Models	Lens Angle	Connection	Window
WLC90WL8Q	± 8 degrees †	Integral 4-Pin Euro QD Side Exit	
WLC90WL15Q	± 15 degrees		
WLC90WL30Q	± 30 degrees		
WLC90WL8RQ	± 8 degrees †	Integral 4-Pin Euro QD Rear Exit	
WLC90WL15RQ	± 15 degrees		
WLC90WL30RQ	± 30 degrees		
WLC90WGL8Q	± 8 degrees †	Integral 4-Pin Euro QD Side Exit	
WLC90WGL15Q	± 15 degrees		
WLC90WGL30Q	± 30 degrees		
WLC90WGL8RQ	± 8 degrees †	Integral 4-Pin Euro QD Rear Exit	
	± 15 degrees		
	± 30 degrees		

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