



TOMAR Electronics
2100 W Obispo Ave
Gilbert, AZ 85233
Email: industrial@tomar.com

INDUSTRIAL MICROLED™

Compact LED beacon for demanding industrial applications. The familiar 300-series MicroLED™ form and fit, expanded for industrial use with AC voltage, low-inrush circuitry, six output colors, and selectable flashing or steady-burn operation through a third wire.



Images shown for reference only:
final product appearance may vary

1 APPLICATIONS

- Control panels
- Machinery/OEM equipment
- Wastewater
- Oil & Gas
- Material handling
- Hazardous locations

3 KEY PRODUCT ATTRIBUTES

- 24 VAC/VDC (+/-15%) and 120-240 VAC/VDC (+/-15%) input ranges
- Flashing or steady-burn modes controlled by a third wire
- Six lens/output colors: Red, Amber, Green, Blue, Purple, and White
- Operating range: -50°C to +65°C
- NEMA 4X enclosure; sealed construction with no field repairs
- Low inrush: <1.75A at 24 VDC and <2.0A at 120 VAC

2 AVAILABLE LENS/OUTPUT COLORS



4 MODEL BASED ON CONFIGURATION OPTIONS

MOUNT

470 = Surface
490 = Female thread
495 = Male thread

SAFETY CATEGORY

L = OrdLoc
General purpose industrial
XL = HazLoc
Division 2 hazardous locations

VOLTAGE

24 VAC/VDC
120-240 VAC/VDC

COLOR CODE

A Amber B Blue
G Green P Purple
R Red W White

Example: "Surface mount/OrdLoc/120-240VAC/DC/red" is model "470L-120-240-R"

5 PRELIMINARY ELECTRICAL PERFORMANCE

24 VAC/VDC, 50/60Hz

INPUT	FLASHING	STEADY-BURN	POWER
24 VAC	190mA	120mA	5W
24 VDC	150mA	70mA	4W

120-240 VAC/VDC, 50/60Hz

INPUT	FLASHING	STEADY-BURN	POWER
120 VAC	50mA	40mA	6.6W
240 VDC	45mA	30mA	12W



