

Dialight

HAZARDOUS LOCATION LED VISUAL SIGNAL LIGHT



ETL Listed in compliance with
UL1598 and UL844 for use in
Class 1, Div 2 Hazardous Locations

FEATURES / BENEFITS

- ▲ ATEX certified, equipment group II (surface industries), category 3 (zone 2), T4 rated
- ▲ Suitable for all Class 1, Div 2, Groups A, B, C, D hazardous environments, T4 rated
- ▲ Inherent safety capability; low electrical/thermal energy and high light output
- ▲ Unique optically designed lens to enhance LED operation and provide 360° visibility
- ▲ Weather/corrosion resistant lamp assembly and housing
- ▲ Self-contained wiring compartment eliminates additional boxes
- ▲ Can be operated steady or flashed (controller not supplied)
- ▲ Available as a single or dual unit
- ▲ Resistant to shock and vibration
- ▲ Threaded 1" and 3/4" bottom hub for mounting
- ▲ Lasts years longer than an incandescent
- ▲ 5 year warranty
- ▲ IP 65 / IP 66 / NEMA 4X rated

US PATENT# 6,425,678

Certified to: ATEX, equipment group II (surface industries), category 3 (zone 2), T4 rated



Ex nA IIC T4

APPLICATION

▲ The Dialight Visual Signal Light is an LED BASED Class 1, Division 2 certified fixture. Used for visual indication in hazardous environments, providing a valuable solution to the petrochemical industry facilities.

OPERATING CONDITIONS

▲ Temperatures ranging from -67°F to +131°F (-55°C to +55°C). Will withstand wind in excess of 150 mph (240 kph), salt fog.

MATERIALS / FINISH

- ▲ Cast aluminum housing and stainless steel hardware.
- ▲ Electro-statically applied powdercoat of aviation orange paint.



ELECTRICAL SPECIFICATIONS

	VA (TYP)	VA (MAX)	OPERATING VOLTAGE	WATTS (TYP)	WATTS (MAX)
120 VAC UNITS (60 Hz)	50	65	120	10	18
230 VAC UNITS (50 Hz)	61	73	230	13	17

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A Subsidiary of Dialight PLC



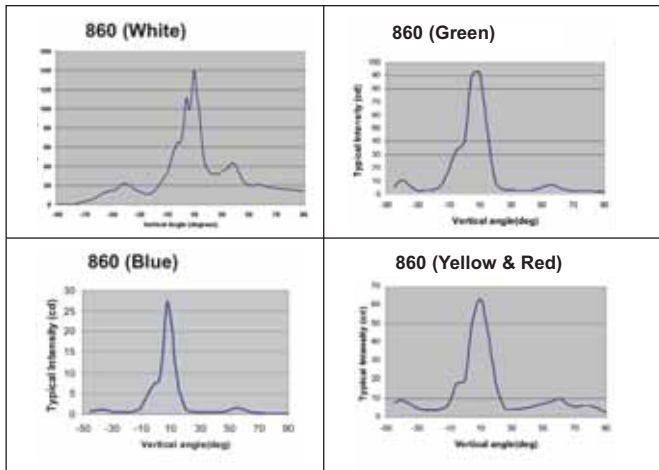
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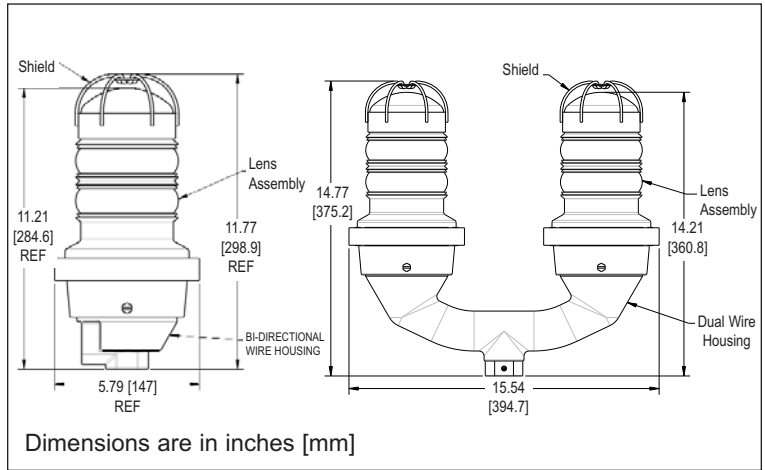


MDTF860ATEX004_A

PHOTOMETRIC DATA



MECHANICAL DIMENSIONS



ORDERING INFORMATION

Single Units

Single, Red	860-XR0Y-001
Single, Green	860-XG0Y-001
Single, Yellow (Amber)	860-XY0Y-001
Single, Blue	860-XB0Y-001
Single, White	860-XW0Y-001

*note: X indicates certification
Y indicates voltage
(See Certification / Voltage Chart)*

Double Units

Double, Red	860-XR0Y-002
Double, Green	860-XG0Y-002
Double, Yellow (Amber)	860-XY0Y-002
Double, Blue	860-XB0Y-002
Double, White	860-XW0Y-002

*note: X indicates certification
Y indicates voltage
(See Certification / Voltage Chart)*

CERTIFICATION / VOLTAGE CHART

X = 9:	ATEX
Y = 1:	120 VAC
Y = 2:	230 VAC

Replacement Light Assemblies

Single, Red	860-XR0Y
Single, Green	860-XG0Y
Single, Yellow (Amber)	860-XY0Y
Single, Blue	860-XB0Y
Single, White	860-XW0Y

*note: X indicates certification
Y indicates voltage
(See Certification / Voltage Chart)*

WEIGHTS & MEASUREMENTS

PART NUMBER	APPROX. SHIPPING WEIGHT	CONTAINER DIMENSIONS
Single Unit	7.14 lbs	16" x 9" x 8"
Dual Unit	16.06 lbs	22" x 17" x 9"

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