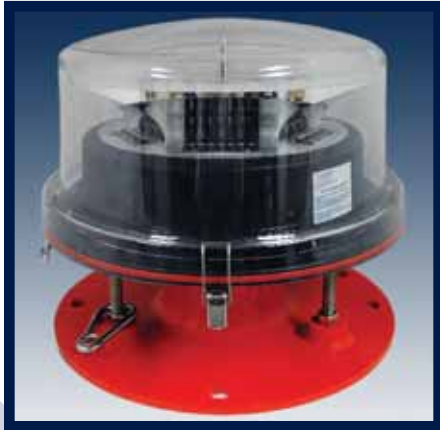


Dialight

HAZARDOUS LOCATION D164 SERIES LED BASED Medium Intensity Red Beacon FAA Type L864



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

Certified to: FAA AC NO: 150/5345-43F
Canadian Aviation Regulation CAR 621.9
(Transport Canada)

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

Compliant to: ICAO
(Annex 14 - Fourth Edition, July 2004)

FEATURES / BENEFITS

- ▲ 5 year performance warranty
- ▲ Suitable for all Class 1, Div 2, Groups A, B, C, D hazardous environments T5 rated
- ▲ ATEX certified, equipment group II (surface industries), category 3 (zone 2), T4 rated
- ▲ Designed to replace 300mm incandescent obstruction lighting fixtures with state of the art high flux LED technology
- ▲ Modular design for simple replacement of light engine
- ▲ Can be flashed or steady burned (controller not supplied)
- ▲ Uses 90% less energy than an incandescent
- ▲ Weighs less than 28 lbs.
- ▲ Lasts years longer than an incandescent
- ▲ Beacon designed to mount onto existing bolt pattern installations
- ▲ Resistant to shock and vibration
- ▲ IP66 / NEMA 4X rated



Ex nC IIC T4

APPLICATION

- ▲ The Dialight D164 Series LED Based Class 1, Div 2 certified medium intensity red beacon was designed to easily interface into existing systems or to be provided as a red lighting fixture for new installations. The beacon is used to mark any obstacle that may provide hazards to aircraft navigation.

OPERATING CONDITIONS

- ▲ The beacon is designed to withstand the dynamic conditions experienced in the most severe environments around the world.
- ▲ Temperatures ranging from -40 to +55 degrees Celsius, direct sunlight, wind blown rain, wind in excess of 150 mph, high humidity, salt fog. Meets or exceeds industry EMI / RFI standards.

MATERIALS / FINISH

- ▲ Cast aluminum base and stainless steel hardware.
- ▲ Electro-statically applied powdercoat of aviation orange paint.
- ▲ Dome is made of UV resistant polycarbonate and sealed to ensure maximum life of the product.

Dialight Europe Ltd.

Exning Road, Newmarket, England, CB8 0AX
Tel: +44 (0) 1638 666541 • Fax: +44 (0) 1638 561735
www.dialight-obstruction-lights.com



A Subsidiary of Dialight PLC



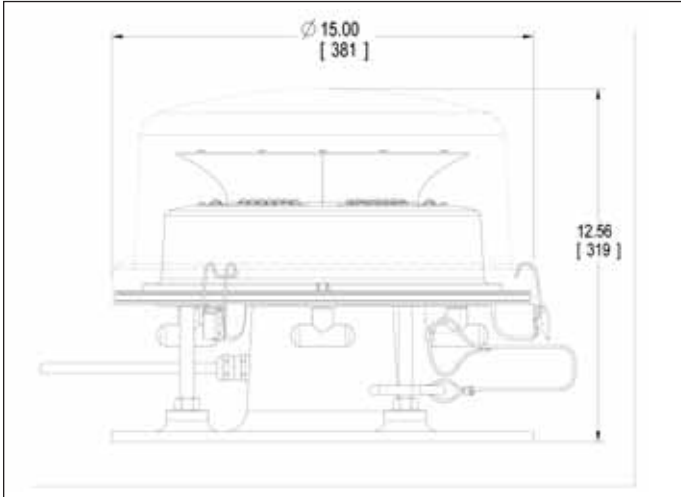
Dialight Corporation

1501 Route 34 South • Farmingdale, NJ 07727 USA
Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778
www.dialight.com

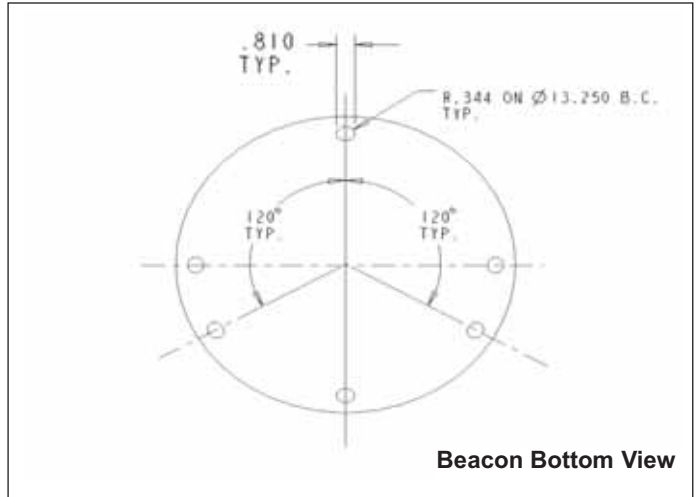


MDTF864X002_L

MECHANICAL DIMENSIONS



MOUNTING INFORMATION



ORDERING INFORMATION

Product	Description
D164-B13-001	Beacon, Red, 120/240 VAC, Class 1, Div 2
D164-1010	Replacement Module, 120/240 VAC
D264-D13-001	Beacon, Red, 120/220 VAC, ATEX
D264-1012	Replacement Module, 120/220 VAC, ATEX

WEIGHTS & MEASUREMENTS

Part Number	Approx. Shipping Weight	Container Dimensions
D1 Series	28 lbs (12.70 kg)	24" x 24" x 24" (600x600x600 mm)

UNIT ELECTRICAL SPECIFICATIONS

	OPERATING VOLTAGE			Current (Amps)			VOLT AMPS (VA)			WATTS
	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Typ
D1 Series 120/240 VAC UNITS	85	120/240	265	0.2	-	0.8	40	48	70	48

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