



# D164 SERIES LED BASED

## Medium Intensity Red Beacon

### FAA Type L864



ETL Certified to: FAA AC NO: (150/5345-43E)

Canadian Aviation Regulation (CAR 621.19)

ICAO (Annex 14, July 1999)

### FEATURES / BENEFITS

- ▲ 5 year performance warranty
- ▲ 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
- ▲ Creates no EMI/RFI
- ▲ Lasts years longer than an incandescent
- ▲ Beacon designed to mount onto existing bolt pattern installations
- ▲ Resistant to shock and vibration



### APPLICATION

- ▲ The Dialight D164 Series 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 air craft navigation.

### OPERATING CONDITIONS

- ▲ The beacon is designed to withstand the dynamic conditions experienced in the most severe environments around the world.
- ▲ Temperatures ranging from -55 to +55 degrees Celsius, Direct Sunlight, Wind blown rain, Wind in excess of 150Mph, High Humidity, Salt fog. Does not create, nor is the performance degraded by EMI/RFI.

### MATERIALS

- ▲ The Beacon is designed for durability with a cast aluminum base stainless steel hardware. The dome is made of UV resistant acrylic and sealed to ensure maximum life of the product.



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A Subsidiary of Dialight PLC



#### Dialight Corporation

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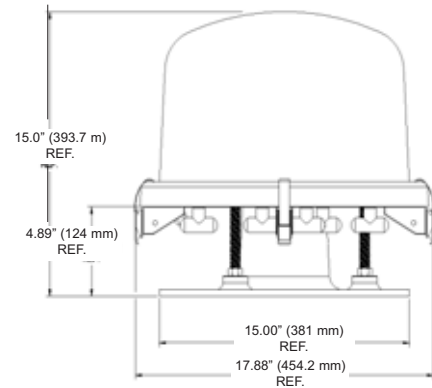
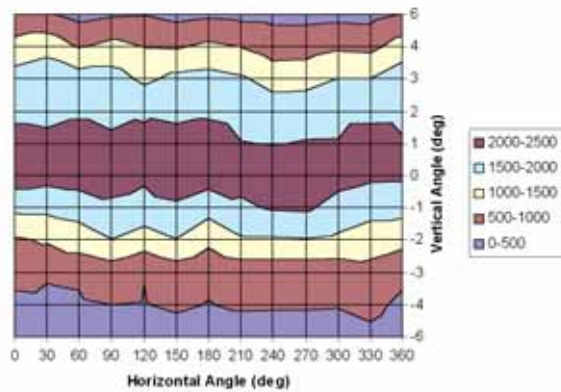


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## PHOTOMETRIC DATA

## MECHANICAL DIMENSIONS

L864 Isotropic Intensity Chart



## ORDERING INFORMATION

Product	Description
D164-A11-001	Beacon, Red, 120 VAC
D164-A13-001	Beacon, Red, 120/240 VAC
D164-1000	Replacement Module, 120 VAC
D164-1006	Replacement Module, 120/240 VAC

## WEIGHTS & MEASUREMENTS

PART NUMBER	APPROX. SHIPPING WEIGHT	CONTAINER DIMENSIONS
D1 Series	50 lbs (22 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
<b>D1 Series</b>										
120VAC UNITS	92	120	135	.8	1.0	1.5	105	131	147	125
120/240 VAC UNITS	85	120/240	268	.6	-	2	105	131	147	125

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