

Product Superseded



*****Product Superseded*****

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.

Approvals

- ETL Certified to: FAA AC NO: (150/5345-43E)
- Compliant to Canadian Aviation Regulation (CAR 621.19)
- Compliant to ICAO (Annex 14, July 1999)

Operating Conditions

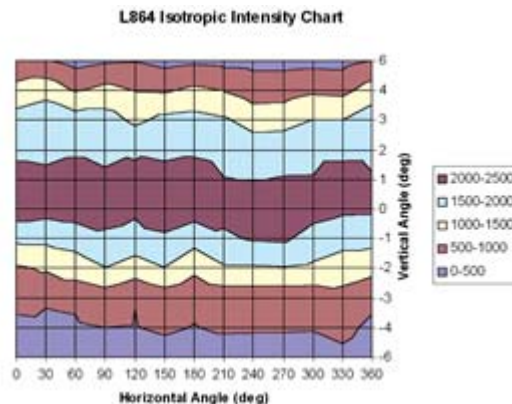
- Temperatures ranging from -67oF to +131oF (-55oC to +55oC).
- Will withstand wind in excess of 150 mph (240 kph),
- Salt Fog
- High humidity
- Does not create EMI/RFI

Materials

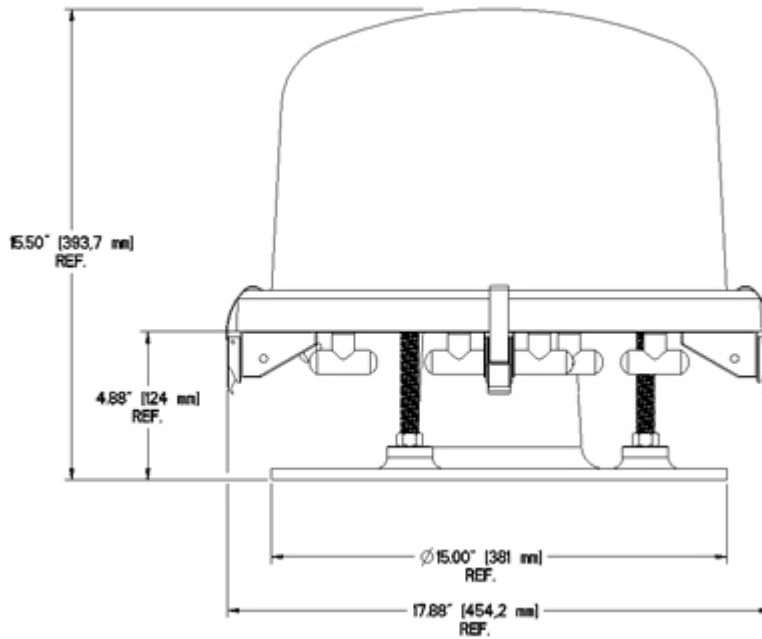


The beacon is designed for durability with a cast aluminium base, stainless steel hardware. The dome is made of a UV resistant acrylic and sealed to ensure maximum life of the product.

Photometric Data



Mechanical Dimensions



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
D164 Series	22 Kg	600 x 600 x 600mm

Electrical Specifications

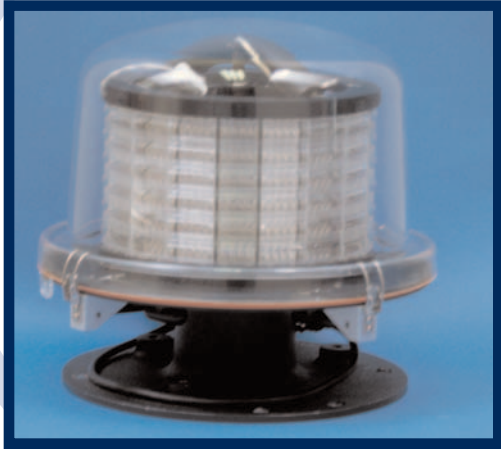
	Operating Voltage			Current (Amps)			Volt Amps (VA)			Watts Typ
	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
120VAC UNITS	92	120	135	0.8	1.0	1.5	105	131	147	125
220VAC (60Hz)	85	120/240	268	0.6	-	2	105	131	147	125



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

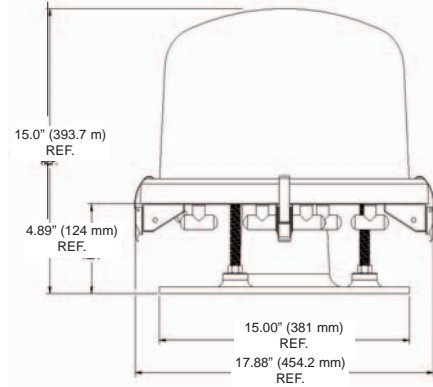
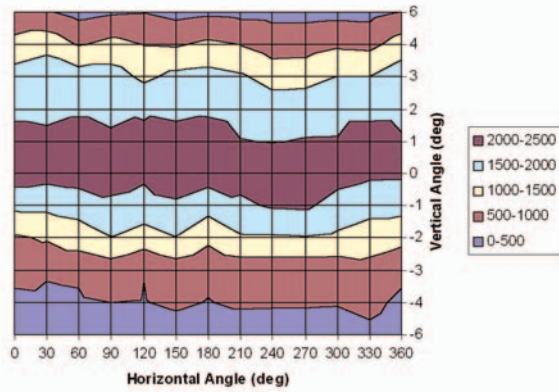
- ▲ The Beacon is designed for durability with a cast aluminum base stainless steel hardware. The dome is made of UV resistant acrylic and sealed to ensure maximum life of the product.



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

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
D1 Series										
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



A4703



ISO 9001

Dialight Corporation



a Roxboro Group Company