

PURCHASE SPECIFICATIONS
FOR
ROTATING DOME LIGHT WITH BUZZER
FOR
OIL RIG APPLICATIONS



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TECHNICAL SPECIFICATIONS ROTATING TYPE LIGHT WITH SOUNDER FOR OIL RIG APPLICATION

Introduction:

This specification covers the requirements of rotating type light with sounder for oil rigs for out-door duty in 100%, dusty oily and hazardous environment with 50°C temperature.

Item Specification:

Rotating flushing light with buzzer of MENICS make model number MS86T-BFF-R with wall mounting bracket (model no. MAM-DS26) or exact equivalent.

S. No.	Description	Specification
01	Light Style	LED lights
02	Flasher	Yes
03	Rotating type light	Yes
04	Buzzer	Yes, min 100dB
05	Power Supply	Nominal voltage 110V AC, 50 Hz, 90-240 V AC
06	Outer lens color	Red
07	Function	Rotating light with buzzer
08	Lens diameter	Min 85mm
09	Buzzer sound level	Min.100dB
10	Rotating rate	Min. 60 RPM- Max-300RPM
11	Insulation resistance	100MOhm
12	Ambient temp	0-50 degree
13	Ambient humidity	45-85% RH
14	Degree of protection	IP65
15	Vibration	0.75mm at 10-55 Hz
16	Bracket for mounting	Wall mounted bracket suitable for mounting of rotating light at outdoor application.

1.0 Document required to be furnished along with offer

Following documents are required along with offer for technical evaluation of the offer:

- i) General arrangement drg indicating over all dimensions, termination details and terminal sizes, terminals layout and cable entry locations with mounting brackets.
- ii) Technical data sheets.

2.0 Test certificate

Test certificate showing the compliance technical data offered by supplier.

11.0 Warranty:

The rotating light is intended to be commissioned at Oil Rig site. Supplier shall provide warranty against design & manufacturing defect and component failure for twelve months from the date of dispatch.