

MOTORISED REVOLVING SEARCH LIGHT

APPLICATIONS: Surveillance from Watch-tower, ATC tower, Large open area, Circus, High security zone etc.

SALIENT FEATURES

- Only 1 revolving system will cover all area around its installation more than 1000 meters.
- High intensity, weather proof search light having high efficiency mirror back glass or/and SS reflector.
- Luminary will continuously rotate 360 degree in horizontal plane.
- Normally this system installed over the roof, so there are no any obstructions of wall and pillar in the way of beam of luminary.
- Revolving disc & outer box would be in rustless fiber material.
- The security man will also feel safe because he will always in dark place in comparison to others. Also safe from lighting insects because luminary fitted over the roof



MRSL-LRF25G401



MRSL-LRF40SS1002

SPECIFICATIONS

A. REVOLVING MECHANISM : The revolving system shall be suitable for mounting of 1 or 2 pcs. of search lights (LRF or LVS model) on its rotating disc(fiber/MS). The luminary will continuously rotate 360 degree, 5RPM in horizontal plane. Revolving cabinet should have completed with speed reduction unit, electric motor, pulley, V-belts etc. and duly wired up to search lights. Entire metal parts have finished with weather proof epoxy cum powder coating and also covered by ms/fiber box for corrosion resistant, aesthetic look & best suitable for outdoor installations, completed with control panel with fuses, MCB, indicators etc.

Optional Accessories/Features (on additional cost/request only):

- a) Speed control unit for 1 to 10 rpm with reverse-forward push button. b) Vertical swiveling also available in selected models on demand.
c) Also available half or quarter round (90° or 180°) horizontally moving lights.

B. SEARCH LIGHTS: We have 3 best varieties for motorised rotating long range search lights:-



1. LRF model with GLASS reflector: High intensity search cum flood light, the front housing should have made of 3mm low Carbon Aluminum alloy with die-cast back housing, the main reflector is in glass with SS side reflector, 5 mm thick toughened front glass with endless neoprene rubber gasket, E-40 lamp holder, painted by powder coating epoxy, separate control gear for HPSV or MH lamp of 250/400 watt. Degree of protection (DOP):IP65



2. LRF model with SS body cum reflector: High intensity, long range weather proof search cum flood light, highly polished Stainless Steel body cum reflector with die-cast aluminium back housing, 5mm thick toughened front clear glass sealed with rubber gasket & retaining ring, Zinc coated MS /SS cradle, E-40 lamp holder, lamp supporting Teflon bush between lamp & reflector for safety of lamp against mech. jerk /vibration, painted by powder coating epoxy paint, HPSV/MH lamp of 250/400/1000 watt, separate control gear etc. DOP:IP65.



3. LVS model with Glass Reflector: High intensity, low voltage search-light, electric shock proof, cylindrical shape, 3 mm thick aluminium body, Glass reflector, 4 mm thick toughened front glass with endless neoprene rubber gasket & fixed to main housing by retaining ring, powder coated, provides instant illumination and has a narrow and long spot beam like a laser, low voltage capsule halogen GY6.35 pin base type dual lamp (one for standby) of 250/400 watt & fixed with fire proof holder, separate control gear/power device etc. DOP:IP64.

PRODUCT RANGE

CATALOGUE NO		Operating Voltage	Each Lamp Wattage	Type of Lamp	Effective Range
With single light	With double lights				
MRSL-LRF25SS/G251	MRSL-LRF25SS/G252	230V AC.	250 W	HPSV / MH	200-400 M
MRSL-LRF25SS/G401	MRSL-LRF25SS/G402	230V AC.	400 W	HPSV / MH	400-800 M
MRSL-LRF40SS1001	MRSL-LRF40SS1002	230V AC.	1000 W	HPSV / MH	600-1000 M
MRSL-LVS35G251	MRSL-LVS35G252	230V AC.	250 W	Capsule Halogen	300-400 M
MRSL-LVS35G401	MRSL-LVS35G402	230V AC.	400 W	Capsule Halogen	600-800 M

Data subject to change due to improvement in design & manufacturing process

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