

Kalin®

(integrating the science and art of light)

MANUAL REVOLVING SEARCH LIGHT (C.S.MOUNTED)

APPLICATION : Security surveillance from watch tower cabin (inside roof), plant maintenance, also useful for other general area for lighting & illumination.

SALIENT FEATURES:

- Beam range more than 1000 m.
- Focusing arrangement for beam adjustment.
- Available in high efficiency Glass/SS reflectors.
- Rotate in both axis with locking arrangement.
- Proper gripped handle at back for easy movement.
- Also available in low voltage operated models.
- Painted by heat proof epoxy powder coated.



SPECIFICATION:

A. REVOLVING BASE (CONICAL STAND): The conical stand would be suitable for mounting of our high intensity search lights on its top plate & jointed by nut-bolts. It is made of CI/Alu. & painted by powder coating for long life. This stand would have high grade maintenance free bearing and designed so that the light can be rotate very smoothly around horizontal as-well-as vertical axis through MS cradle of the light and can be locked at any position. Required foundation holes are also provided in bottom side of the stand to fix the stand base at desired place (generally watch-tower's hand railing or parapet wall) by anchor bolts/clamps.

B. SEARCH LIGHTS: We have 3 best varieties for Manual rotating CS mounted long range search lights, All is type tested under IS:10322 prt5 sec5" including 'IP65' test form NABL's approved Govt. Test Lab:-



1. LRF model with Alu. body & GLASS reflector: High intensity search cum flood light, the front housing should have made of thick Aluminum alloy with 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 250/400/1000 watt (lamp life is appx 30,000 burning hrs).



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 cast alu. back housing, 5mm thick toughened front glass sealed with rubber gasket & retaining ring, E-40 lamp holder, lamp supporting teflon bush between lamp & reflector for safety of lamp against mechanical jerk / vibration, during movement, painted by powder coating paint, separate control gear and lamp of HPSV / MH lamp in 250/400/1000 watts.(Lamp life is ~30,000 BH).



3. LVS model with Alu. body & Glass Reflector: High intensity, low voltage search-light, electric shock proof, cylindrical shape in thick aluminium body, Glass reflector, 5 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 power supply etc.

PRODUCT RANGE

Catalog No	Operating Voltage	Type of Controller	Lamp Wattage	Type of Lamp	Effective Range
CS-LRF25SS/G25	230V AC.	Control Gear	250 W	HPSV / MH	200-400 M
CS-LRF25SS/G40	230V AC.	Control Gear	400 W	HPSV / MH	400-800 M
CS-LRF40SS/G100	230V AC.	Control Gear	1000 W	HPSV / MH	600-1000 M
CS-LVS35G25	230/24V AC.	Power Supply	250 W	Capsule Halogen	300-400 M
CS-LVS35G40	230/36V AC.	Power Supply	400 W	Capsule Halogen	600-800 M

(Data & Picture is subject to change any time due to improvement in design & manufacturing process)

Last update: 22 / 12 / 2014

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