

PRODUCT DATASHEET

LED SEARCH LIGHT 6000 K HPF | OPTICS

RST LIGHT LED | LED luminaires | LED Tower Search Light



APPLICATION AREA

- CAR PARKS AND UNDERPASSES
- TUNNEL
- PUBLIC AREAS
- CONSTRUCTION AREAS

Energy savings of up to 85 % compared to conventional lamp.

Optimized weight and size due to compact design.

Very homogenous light.

Less Than 19 UGR

Powered by OSRAM 3030 Oslon Square / SAMSUNG Power LED

50,000 Hours of Life span



FIXTURES CONSTRUCTIONAL DETAIL

FIXTURE TYPES	ALL OVER SIZE	PCB AREA	DRIVER AREA	ARRANGEMENS
METAL+ GLASS	160X168mm	125x12 mm	116x84x70 mm	ADJUSTABLE
METAL + GLASS	285x130 mm	228x12 mm	160x90x40 mm	ADJUSTABLE
METAL+ GLASS	285x139 mm	228x12 mm	210x140x49 mm	ADJUSTABLE
METAL + GLASS	335x135 mm	278x12 mm	210x140x49 mm	ADJUSTABLE
METAL + GLASS	440x135 mm	345x16 mm	246x180x59 mm	ADJUSTABLE

ELECTRICAL DATA SHEET

Wattage	50W TO 400W
Input Voltage	110-440 VAC
Frequency	50/60 Hz
Power Factor	HPF 0.987
Operating Voltage of LED Bread	27-36VDC
Operating Current of LED Bread	1500 mA Cont. current Driver
No of Control Gear Protection	1 to 8 Over Voltage, over current, Over temp, 440 Cut-off, Reverse Protection,
Efficiency	88%
THD	10%
Surge Protection	4 to 6KVA with earth line (10KVA external Surge Protection optional)
High Voltage Test (1.5KV for 1 Mint between Supply terminals and body of the unit)	Yes Passed
Insulation Resistance Between Earth and Current Carrying Part	>100 M ohm
Certification	CE/ BIS ON CONTROL GEAR

PHOTOMETRICAL DATASHEET

Efficacy	150-165 lumens per watt
Luminous Flux	7500-66000Lumens
Light colour	WHITE
CCT	5700-6000K
Led Chip Brand	OSRAM/SAMSUNG
Certification	LM 80 /IS16106
CRI	80
LED Life span	50,000
Optic Lenses material	Polycarbonate Lenses
Reflector	NA
Seach Light Range	125- 1000 Mtr

THERMAL MANAGEMENT DATA SHEET

Heat Sink should be Die-Cast Aluminium Along with Sufficient Heat Sink Fins to Dissipate heat effectively	Yes
Capacitor shall be rated for a Temp of 105 deg. Celsius or better	Yes
Junction Temp.	<85 Deg.C
Operating Temp Range	-10 Deg. C to +55 Deg. C
Operating Humidity Range	10% to 95% RH

CONSTRUCTIONAL DATA SHEET

Fasteners Material	SS
Housing Material	HP ADC12
Colour	Black/Grey with epoxy power coated
Gasket	Silicon Sponge Gasket
Glass Cover	IP Lens Polycarbonate Glass with 4mm Thickness 90% Transparent
MCPCB	Aluminium More than 1.5mm Thick
Wire Gland	PC IP66 Wire Gland
3Core Wire Length	20-25 cm
Mounting	360 degree Rotational
No. of Electronics Gear Protection	01 to 6 IK09 IP67