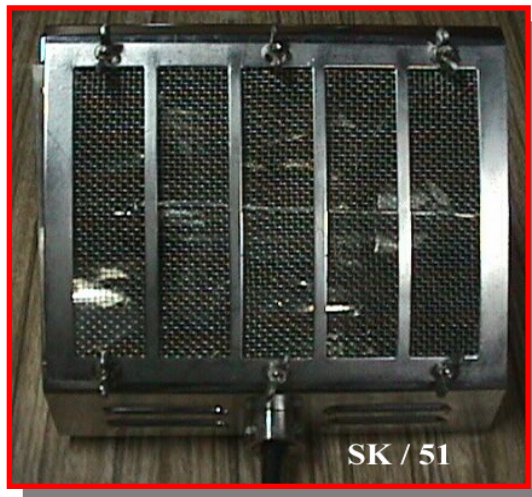
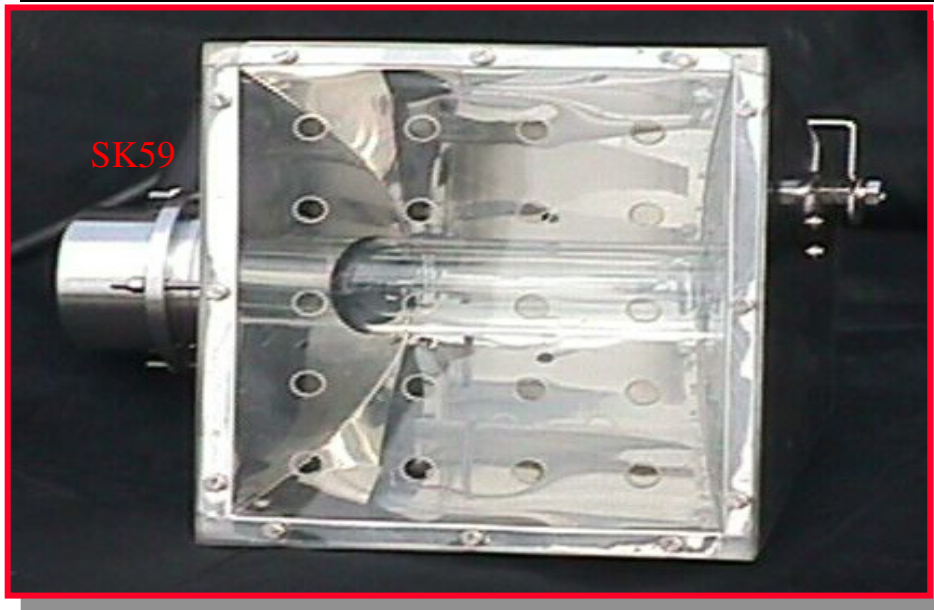
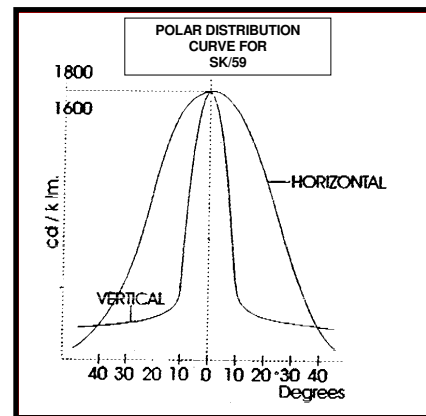


SUPERKINO NUCLEAR POND LIGHT FLOOD LIGHT LUMINAIRE SUNRISE MODELS SK51, SK59



- φ Various Lamp Options
- φ Quick re-lamp
- φ Brilliant illumination
- φ Operates for years without re-lamp



SUPERKINO EQUIPMENTS PVT. LTD.



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ISO 9001:2008 CERTIFIED

SUPERKINO NUCLEAR POND LIGHT FLOOD LIGHT LUMINAIRE SUNRISE MODELS SK51, SK59



TECHNICAL SPECIFICATIONS

	Type SK / 51	Type SK / 59	Rad. Resistance
Housing	SS 304	SS 304	
Reflector	SS 304 - Parabolic	SS 304 - Parabolic	
Gaskets / 'O' Rings	Sil. Rubber	Sil. Rubber.	10^4 Gy. *
Glass Jacket	Borosilicate Glass	Borosilicate Glass	10^4 Gy. *
Cable	EPR / CSP	EPR / CSP	10^4 Gy. *
Protective Cover	SS 304 Wire Guard	Polycarbonate	10^4 Gy. *

* Note : 1 Gray (Gy.) = 100 Rad.

PHYSICAL DATA

Type	Dimensions (in mm)	Weight (in Kgs.)
SK / 51	190 X 215 X 265	4.5 (in air)
SK / 59	190 X 324 X 390	6.5 (in air)

ELECTRICAL DATA

Mains V	120V, 220V, 240V
Cable Rating	3 X 2.5 sq. mm., 1.1 KV
Depth Rating	50 meters, 200 meters

LAMP DATA

Type	Wattage	Voltage Across Lamp	Col. Temp. (K)	Lum. Output (lm)	Av. Nomin Life
Quartz Halogen	500W	110/230V	3200	9000 lm.	2000 B. Hrs.
Quartz Halogen	1000W	240V	3200	22000 lm.	2000 B. Hrs.
H.P Sodium Vapour	400W(T)	105V	1900	47500 lm.	12500 B. Hrs.
H.P Metal Halide	400W(T)	125V	4200/10000	42000 lm.	8000 B. Hrs.
H.P Metal Halide	1000W(T)	130V	4000	81000 lm.	8000 B. Hrs.
H.P Metal Halide	2000W(T)	135V	4000	189000 lm.	8000 B. Hrs.

APPLICATION

These Luminaires are specially designed for use in Nuclear Spent Fuel Storage & Inspection Pools. They offer maximum versatility for safe fuel handling areas. These Luminaires can be used with Quartz Halogen Lamps and with High Pressure Sodium Vapour or Metal Halide Lamps with appropriate control gears.

TESTING

Each of these Luminaires is tested in a closed shell and subjected to water-head of either 50m. or 200m. as required, in energised state for a duration of 1 hour, under stipulated range of varying voltages.

MAINTENANCE

The surface areas of these Luminaires have super-smooth finish, hence it is very easy to thoroughly cleanse and decontaminate. Special care is taken to ensure easy and quick relamping thereby cutting down on the down time and exposure to contaminated Luminaire.

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