



IEC 60598-1  
IEC 60598-2-1  
PS008202



# SONIC LED

## SCR T8 Weatherproof Series

### Features

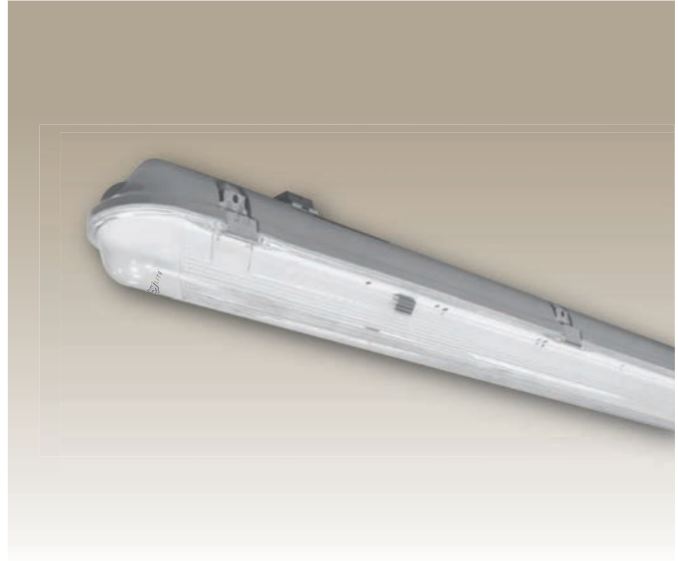
IP 65 weatherproof light fitting is a durable, robust polycarbonate base and diffuser. Gear tray retaining strap for easy installation and maintenance. Knockout and IP gland supplied for connections and through wiring. Use only the fixing brackets supplied, screws should not be used directly through the base.

### Applications

Ideal for car parks, loading bays, corridors, warehouses, workshops and laboratories.

### Optional Features / Accessories

1-10V Dimming Control

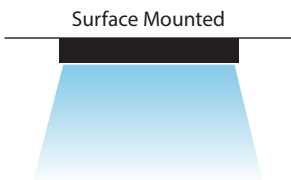


### TM5 Utilisation Factor Table

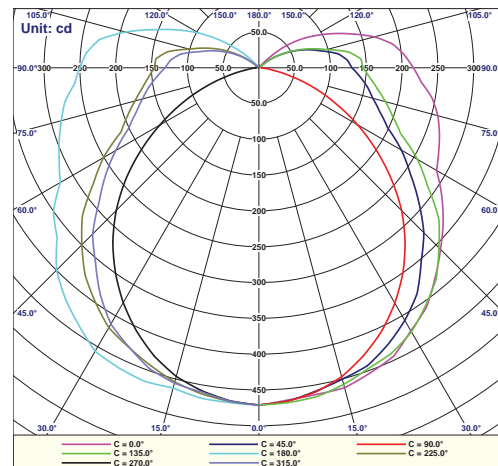
Reflectance			Room Index (K)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.51	0.59	0.66	0.71	0.78	0.82	0.86	0.91	0.94
0.70	0.30	0.20	0.43	0.51	0.58	0.63	0.71	0.76	0.80	0.86	0.89
0.70	0.10	0.20	0.38	0.45	0.52	0.57	0.65	0.71	0.75	0.81	0.85
0.50	0.50	0.20	0.48	0.55	0.61	0.66	0.72	0.76	0.79	0.84	0.87
0.50	0.30	0.20	0.41	0.48	0.55	0.59	0.66	0.71	0.75	0.80	0.83
0.50	0.10	0.20	0.36	0.43	0.49	0.54	0.61	0.67	0.70	0.76	0.80
0.30	0.50	0.20	0.45	0.51	0.57	0.61	0.67	0.71	0.73	0.77	0.80
0.30	0.30	0.20	0.39	0.45	0.52	0.56	0.62	0.66	0.70	0.74	0.77
0.30	0.10	0.20	0.35	0.41	0.47	0.51	0.58	0.63	0.66	0.71	0.74
0.00	0.00	0.00	0.31	0.36	0.42	0.46	0.52	0.56	0.59	0.63	0.66
Distribution Factors		Floor:	0.31	0.36	0.42	0.46	0.52	0.56	0.59	0.63	0.66
		Wall:	0.53	0.47	0.42	0.38	0.32	0.28	0.25	0.21	0.18
		Ceiling:	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
BZ Numbers:			5	5	6	6	6	6	6	6	6

SHR Nominal = 1.50:1 SHR Maximum = 1.57:1

### Mounting



### Lighting Data



Luminous intensity values are shown radially from centre.  
Elevation angle values are shown around the outside of the graph.  
Report Number: (JOB NO : 2024EB0325)



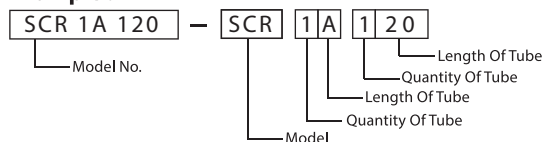
## Specifications

Model	SCR 1A 120 (IP65)	SCR 2A 220 (IP65)	SCR 1C 140 (IP65)	SCR 2C 240 (IP65)
Nominal Power	8W	16W	14W	28W
Nominal System Lumen Output	965 lm	1640 lm	1970 lm	3643 lm
Nominal System Efficacy	119 lm/W	104 lm/W	140 lm/W	131 lm/W
Light Source	SJ Lite T8 LED Tube (HE)			
Colour Temperature (CCT)	3000K/4000K/6500K			
Input Voltage	240V~50Hz			
Colour Rendering Index (CRI)	>80			
Luminaire Rated Life	50,000hrs (L70B50)			
Operating Temperature	-20°C ~ +45°C			
Power Factor	>0.9PF			
Total Harmonic Distortion	≤20%			
Insulation Class	Class I			
Housing Material	Polycarbonate			
Ingress Protection	IP65			

## Order Reference

Model	Quantity Of Tube	Length Of Tube
SCR	1	A (2ft)
	2	C (4ft)

### Example :



## Order Information

Model No.	No. Of Lamp	L(mm)	W(mm)	H(mm)
SCR 1A 120 (IP65)	1	660	85	87
SCR 2A 220 (IP65)	2	660	134	87
SCR 1C 140 (IP65)	1	1269	85	87
SCR 2C 240 (IP65)	2	1269	134	87

Note : Subject to +/- 1.5mm

\*Other various types are available upon request.

## Dimensions

