



SONIC LED

SWG T8 Vandal Proof Batten Series

Features

Specially fabricated to incorporate a built-in camlock or padlock. Prevention against pilferage or any acts of vandalism. The wire guard is hinged on one side of the casing of easy maintenance and installation. Discrete appearance achieved with adjustable lampholder. Cover plate held securely by treaded nut, offering large screw area using hand for fast installation.

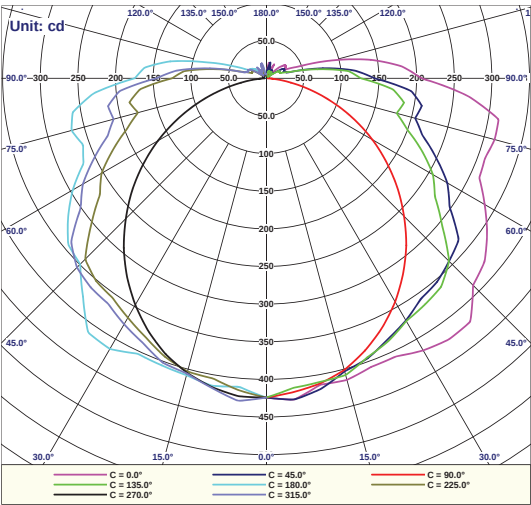
Applications

Ideal for car parks, staircase, loading bays, corridors and lift lobbies.

Control

Dimming Fixed Output

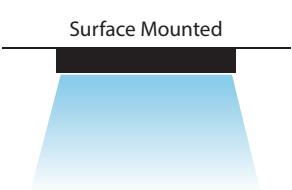
Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0330)



Mounting



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	0.49	0.57	0.64	0.69	0.77	0.82	0.85	0.91	0.94
0.70	0.30	0.20	0.41	0.49	0.56	0.61	0.69	0.75	0.79	0.85	0.89
0.70	0.10	0.20	0.35	0.42	0.50	0.55	0.63	0.69	0.74	0.80	0.85
0.50	0.50	0.20	0.47	0.54	0.60	0.65	0.72	0.76	0.80	0.84	0.88
0.50	0.30	0.20	0.39	0.46	0.53	0.58	0.65	0.71	0.74	0.80	0.84
0.50	0.10	0.20	0.34	0.41	0.48	0.53	0.60	0.66	0.70	0.76	0.80
0.30	0.50	0.20	0.44	0.51	0.57	0.61	0.67	0.71	0.74	0.79	0.82
0.30	0.30	0.20	0.38	0.44	0.51	0.55	0.62	0.67	0.70	0.75	0.78
0.30	0.10	0.20	0.33	0.39	0.46	0.51	0.57	0.62	0.66	0.72	0.76
0.00	0.00	0.00	0.30	0.35	0.42	0.46	0.52	0.57	0.60	0.65	0.68
Distribution Factors		Floor:	0.30	0.35	0.42	0.46	0.52	0.57	0.60	0.65	0.68
		Wall:	0.59	0.53	0.47	0.43	0.37	0.32	0.29	0.24	0.20
		Ceiling:	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
BZ Numbers:			6	6	6	6	6	6	6	6	6

SHR Nominal = 1.50:1 SHR Maximum = 1.64:1

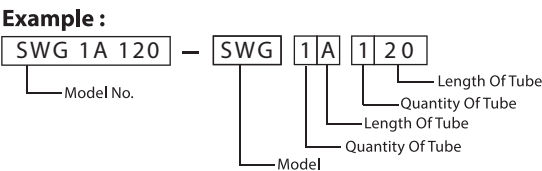


Specifications

Model	SWG 1A 120	SWG 2A 220	SWG 1C 140	SWG 2C 240
Nominal System Lumen Output	939 lm	1587 lm	1880 lm	3678 lm
Nominal System Efficacy	115 lm/W	100 lm/W	133 lm/W	129 lm/W
Light Source	T8 LED Tube			
Colour Temperature (CCT)	3000K/4000K/6500K			
Input Voltage	240V 50Hz			
Colour Rendering Index (CRI)	>80			
Luminaire Rated Life	50,000hr (L70B50)			
Operating Temperature	-20°C~+45°C			
Power Factor	>0.9			
Total Harmonic Distortion	≤20%			
Insulation Class	Class I			
Housing Material	Cold Roll Steel			
Ingress Protection	IP20			

Order Reference

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



Order Information

Model No.	No. Of Lamp	Nominal Power(W)	L(mm)	W(mm)	H(mm)
SWG 1A 120	1	8	629	81	109
SWG 2A 220	2	16	629	105	115
SWG 1C 140	1	14	1233	81	109
SWG 2C 240	2	28	1233	105	115

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

