

**SIRIM QAS
CERTIFIED TO**

MS IEC 60598-2-2 & MS IEC 60598-1
CERT.NO PS008206



AURORAS LED

SAC Recessed T-Bar Mounted - Clean Room Fitting Series (IP54)

Features

Designed for recess mounting ceiling. Diffuser designed in normal hinged type for easy maintenance. Provided even light distribution glare control and maximum light transmission. IP54 rating type with gasket to prevent the build-up of dust and dirt.

Applications

Ideal for offices, retail stores, stores, supermarkets, schools, hotels, factories, car parks and other indoor places to use.

Optional Features / Accessories

1-10V Dimming Control

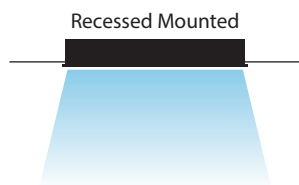


TM5 Utilisation Factor Table

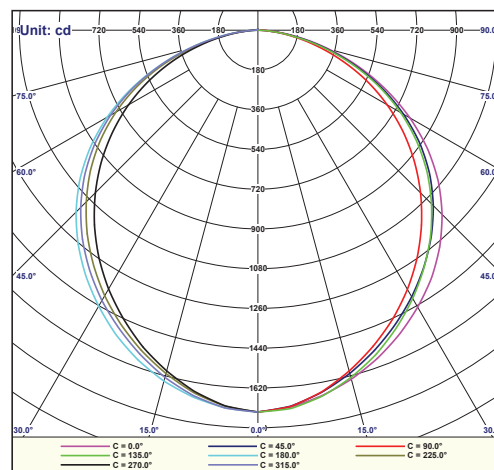
Reflectance			Room Index (K)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.56	0.67	0.74	0.79	0.87	0.92	0.96	1.00	1.03
0.70	0.30	0.20	0.48	0.59	0.67	0.72	0.81	0.86	0.91	0.96	1.00
0.70	0.10	0.20	0.43	0.53	0.61	0.67	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.55	0.65	0.72	0.77	0.84	0.88	0.92	0.96	0.99
0.50	0.30	0.20	0.48	0.58	0.65	0.71	0.78	0.84	0.88	0.93	0.96
0.50	0.10	0.20	0.42	0.53	0.60	0.66	0.74	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.53	0.63	0.69	0.74	0.81	0.85	0.88	0.92	0.95
0.30	0.30	0.20	0.47	0.57	0.64	0.69	0.76	0.81	0.85	0.90	0.93
0.30	0.10	0.20	0.42	0.52	0.59	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.40	0.49	0.56	0.62	0.69	0.74	0.78	0.83	0.86
Distribution Factors	Floor:		0.40	0.49	0.56	0.62	0.69	0.74	0.78	0.83	0.86
	Wall:		0.60	0.50	0.43	0.38	0.30	0.25	0.22	0.17	0.14
	Ceiling:		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BZ Numbers:			5	5	5	5	5	5	4	4	4

SHR Nominal = 1.25:1 SHR Maximum = 1.46:1

Mounting



Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0183)



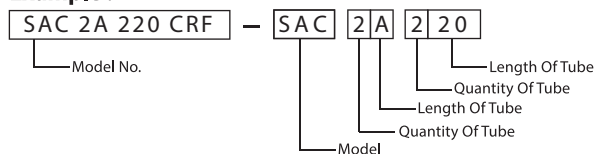
Specifications

Model	SAC 2A 220 CRF (1X2)(IP54)	SAC 2A 220 CRF (IP54)	SAC 3A 320 CRF (IP54)	SAC 4A 420 CRF (IP54)
Nominal Power	16W	16W	24W	32W
Nominal System Lumen Output	1360 lm	1632 lm	2414 lm	2753 lm
Nominal System Efficacy	85 lm/W	100 lm/W	98 lm/W	85 lm/W
Model	SAC 2C 240 CRF (1X4)(IP54)	SAC 2C 240 CRF (IP54)	SAC 3C 340 CRF (IP54)	SAC 4C 440 CRF (IP54)
Nominal Power	28W	28W	42W	56W
Nominal System Lumen Output	2722 lm	3302 lm	4791 lm	8400 lm
Nominal System Efficacy	96 lm/W	116 lm/W	113 lm/W	150 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	Cold Roll Steel			
Ingress Protection	IP54			

Order Reference

Model	Quantity Of Tube	Length Of Tube
SAC	1	A (2ft)
	2	C (4ft)
	3	
	4	

Example :



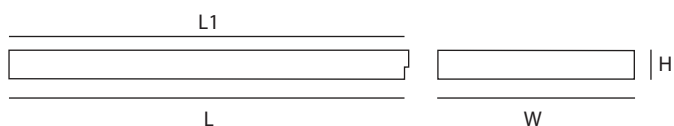
Order Information

Model No.	No. Of Lamp	L(mm)	L1(mm)	W(mm)	H(mm)
SAC 2A 220 CRF (1X2)(IP54)	2	600	612	302	90
SAC 2A 220 CRF (IP54)	2	600	612	600	90
SAC 3A 320 CRF (IP54)	3	600	612	600	90
SAC 4A 420 CRF (IP54)	4	600	612	600	90
SAC 2C 240 CRF (1X4) (IP54)	2	1210	1222	302	90
SAC 2C 240 CRF (IP54)	2	1210	1222	600	90
SAC 3C 340 CRF (IP54)	3	1210	1222	600	90
SAC 4C 440 CRF (IP54)	4	1210	1222	600	90

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions



*All LED component are subject to the LED component manufacturers warranty terms and condition.

*SJ Lite reserves the right to change and amend the specification without prior notice.