



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. Optional convert to 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.

Option

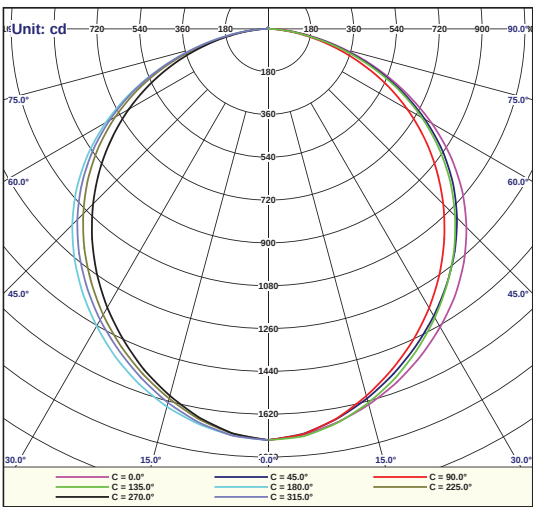
Dimming Fixed Output



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)

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

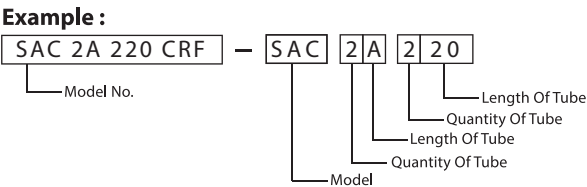


Specifications

Model	SAC 2A 220 CRF (1X2)(IP54)	SAC 2A 220 CRF (IP54)	SAC 3A 320 CRF (IP54)	SAC 4A 420 CRF (IP54)
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)	
Nominal System Lumen Output	2722 lm	3302 lm	4791 lm	
Nominal System Efficacy	96 lm/W	116 lm/W	113 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	IP54			

Order Reference

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



Order Information

Model No.	No. Of Lamp	Nominal Power(W)	L(mm)	W(mm)	H(mm)
SAC 2A 220 CRF (1X2)(IP54)	2	16	612	302	90
SAC 2A 220 CRF (IP54)	2	16	612	600	90
SAC 3A 320 CRF (IP54)	3	24	612	600	90
SAC 4A 420 CRF (IP54)	4	32	612	600	90
SAC 2C 240 CRF (1X4) (IP54)	2	28	1222	302	90
SAC 2C 240 CRF (IP54)	2	28	1222	600	90
SAC 3C 340 CRF (IP54)	3	42	1222	600	90

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

