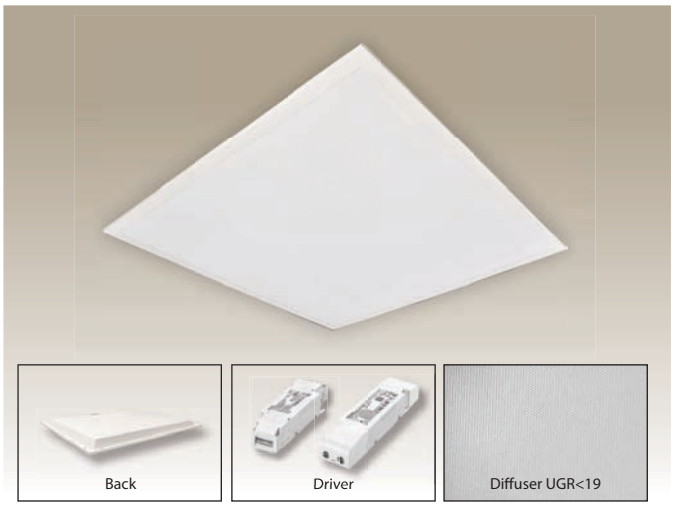
SIRIM QAS
CERTIFIED TO
MS IEC 60598-2-2 & MS IEC 60598-1
CERT.NO PS008206

AURORAS LED

SP 101 LED Backlit Panel Light Series







Features

An efficient energy saving long life solution for replacing conventional fluorescent light fittings. Provide high efficient direct illumination. 30mm depth profile offer uniform distribution and deliver high lumen output. Luminous efficacy up to 100 lm/w. High quality low flicker driver. Light weight housing allow easy handling and installation.

Applications

Ideal for offices, retail store, schools and hospital.

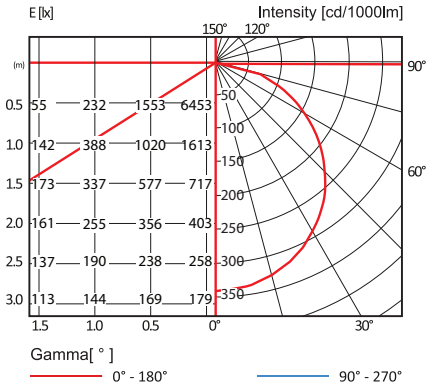
Optics

Diffuser Material	Polystyrene
Diffuser Pattern	UGR 22 - Frosted Diffuser
	UGR 19 - Micoprism Diffuser

Optional Features / Accessories

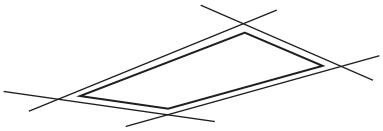
CCT switch

Lighting Data

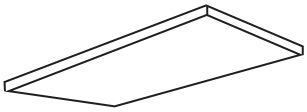


IES file No: SI5026

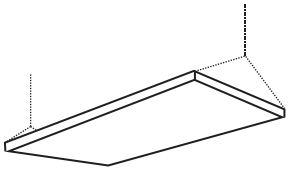
Mounting



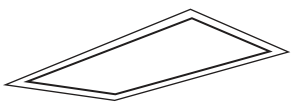
Recessed
("T" Bar Ceiling)



Surface

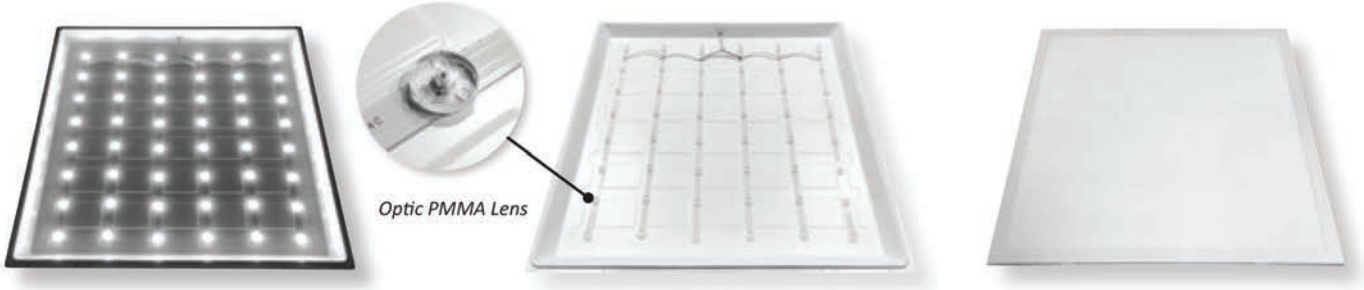


Pendant



Wood / Plaster

Product Details



Specifications

Model	SP 101.40 (2x2)	SP 101.40 (1x4)	SP 101.60 (2x4)	SP 101.40 (2x2)	SP 101.40 (1x4)	SP 101.60 (2x4)
Nominal Power	42W	42W	52W	35W	36W	52W
Nominal System Lumen Output	4700 lm	4700 lm	6400 lm	3738 lm	3738 lm	6094 lm
Nominal System Efficacy	112 lm/W	112 lm/W	123 lm/W	107 lm/W	104 lm/W	117 lm/W
UGR	<22			<19		
LED Driver	Tridonic/Philips					
Light Source	SMD 2835					
Colour Temperature (CCT)	3000K/4000K/6500K					
Input Voltage	220-240V, 50/60Hz					
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 II					
Housing & Frame Material	Cold Rolled Steel & Aluminium					
Ingress Protection	IP20					
Weight	1.5 KG	1.7 KG	3.3 KG	1.5 KG	1.7 KG	3.3 KG

UGR 22 vs UGR 19 - Key Difference

UGR 22		UGR 19	
 Higher Glare (more noticeable)	• Slightly higher glare level • Still good for general use • Ideal for warehouse, corridor ,storage and other general areas.	 Lower Glare (less eye strain)	• Better visual comfort • Lower glare level • Ideal for offices, schools, hospital and spaces where visual comfort is important

Order Reference

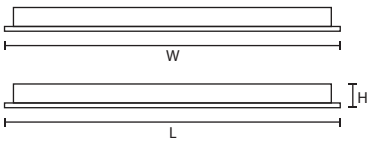
Model	Wattage
SP 101	40 60

Example :

SP 101.40 — SP 101 — 40

SP 101.40: Model No. | SP 101: Model | 40: Wattage

Dimensions



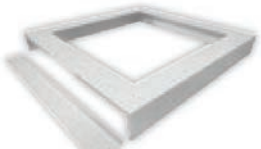
Order Information

Model No.	Type	L(mm)	W(mm)	H(mm)
SP 101.40 (2x2) MM	Metric	595	595	30
SP 101.40 (2x2)	Imperial	600	600	30
SP 101.40 (1x4) MM	Metric	1195	295	30
SP 101.40 (1x4)	Imperial	1210	300	30
SP 101.60 (2x4) MM	Metric	1195	595	30
SP 101.60 (2x4)	Imperial	1210	600	30

Note : Subject to +/- 1.5mm

*Other various types are available upon request

Accessories



Surface Mounting Frame



Pendant Mounting Suspension Kits

1x4 - 4pcs | 2x2 - 4pcs | 2x4 - 6pcs



Wood / Plaster Mounting Frame