

# SP 102 Backlit Panel Light

## AURORAS LED



SP 102 Backlit



Driver



Back

## Features & Benefits

An energy saving long life solution for replacing conventional fluorescent light fittings. Provide high direct illumination. 34mm depth profile offer uniform distribution. Deliver high lumen output. Lightweight housing allow.

## Applications

Ideal for offices, retail store, schools and etc.

## Luminaire Product Description

<b>Mounting</b>	T-Bar Recessed (Standard) Surface/ Pendant (Optional) Wood/ Plaster Ceiling(Optional)
<b>Housing &amp; Frame Material</b>	CRS & Aluminium
<b>Power Supply</b>	220V-240V 50/60Hz
<b>Operating Temperature</b>	-20°C ~ 40°C
<b>Power Factor</b>	≥0.9
<b>Total Harmonic Distortion</b>	≤20%
<b>Ingress Protection</b>	IP20
<b>Insulation Classification</b>	Class II
<b>Life Cycle</b>	50,000hrs
<b>UGR</b>	<22

## Optics

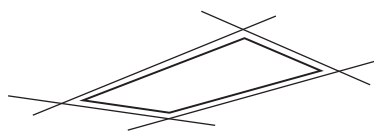
<b>Diffuser Material</b>	Polystyrene
<b>Diffuser Pattern</b>	Frosted

## Control

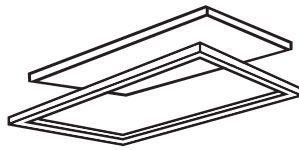
<b>*Dimming Option</b>	Dali / 1-10V
------------------------	--------------



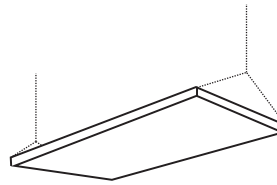
## Mounting Type



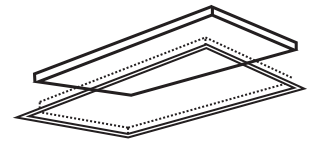
Recessed  
("T" Bar Ceiling)



Surface  
(Metal Frame Added)

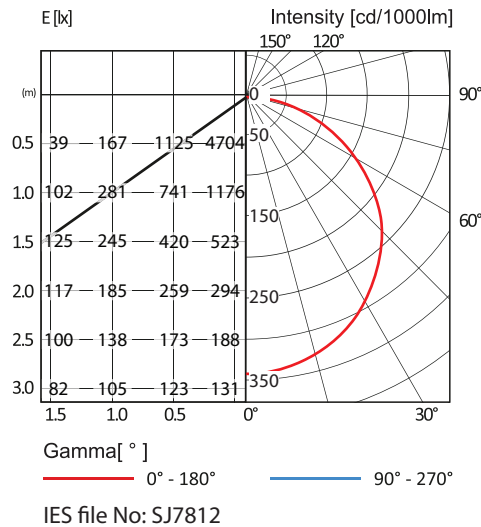


Pendant



Wood / Plaster Mounting  
(Metal Frame Added)

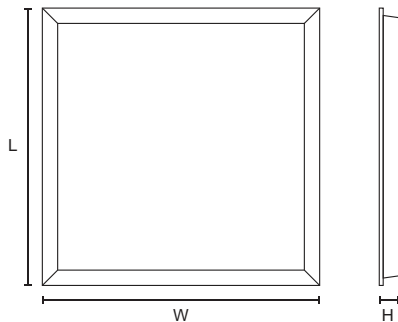
## Photometric



## TM5 Utilization Factors

Utilization factors			LOR=100.0%		DLOR=100.0%		ULOR=0.0%				
Room reflection			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	59	68	75	80	87	92	96	100	103
	0.3		52	60	68	73	81	87	91	96	100
0.5	0.1	0.2	46	54	62	68	76	82	86	92	96
	0.3		58	66	73	78	84	89	92	96	99
0.3	0.1	0.2	46	54	61	67	75	80	84	90	93
	0.3		56	64	70	75	81	86	89	92	95
0.0	0.1	0.0	46	53	61	66	73	78	82	87	90
	0.0		44	51	58	63	70	75	78	83	86
			SHR NOM=1.50		SHR MAX=1.61		SHR MAX TR=1.81				

## Dimensions



## Accessories



Suspension Kits/Chain x4

## Order Information

Model No.	Dimension (LxWxH) (mm)	Driver Model	Light Source Model	CRI & CCT	Normal Power (W)	Normal System Lumen Output (lm)	Normal System Efficacy (lm/W)
SP 102.40 (2x2)	603x603x34 (Imperial)	Philips Certadrive	Philips Certaflux	840 / 865	34	3400	100

Note : Subject to +/- 1.5mm

\* Specification subject to change without prior notice.

