

Armadillo LED - Evolution In Lighting

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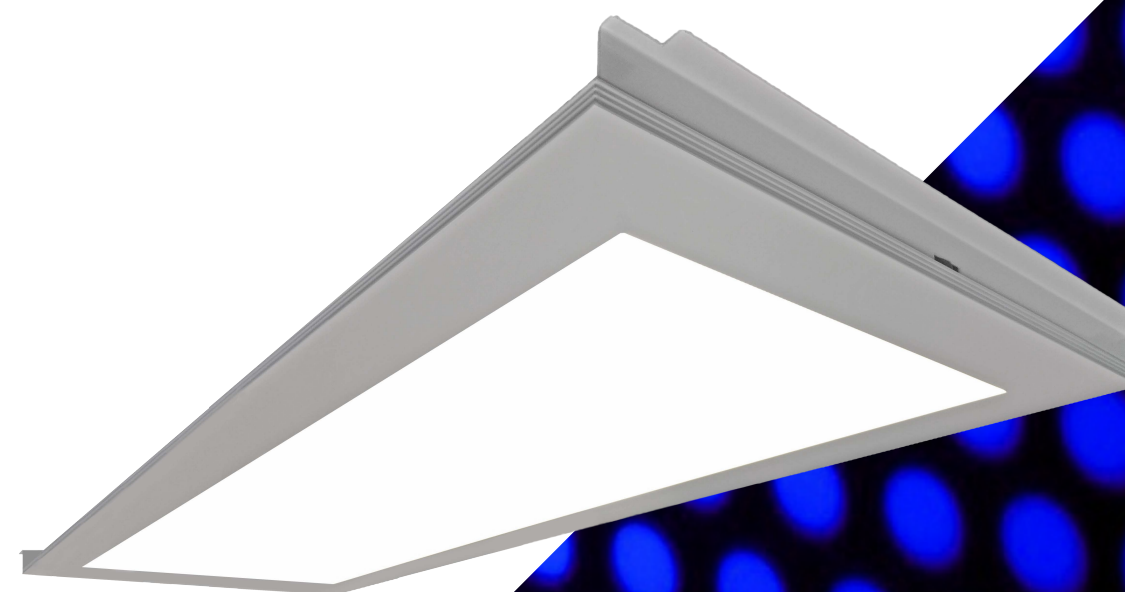
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LED SAS PANEL UGR19

LUMEN FLUX >120LM/W
5 YEAR WARRANTY



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Key Features and Benefits:

Cornerstone of any lighting design and retrofit

Pre-fitted SAS panel frame for quick and easy installation.

5 Year Warranty as standard

Optional Emergency 3hrs for complete panel (pre-wired plug and play)
Dimmable option (DALI, 1-10V)

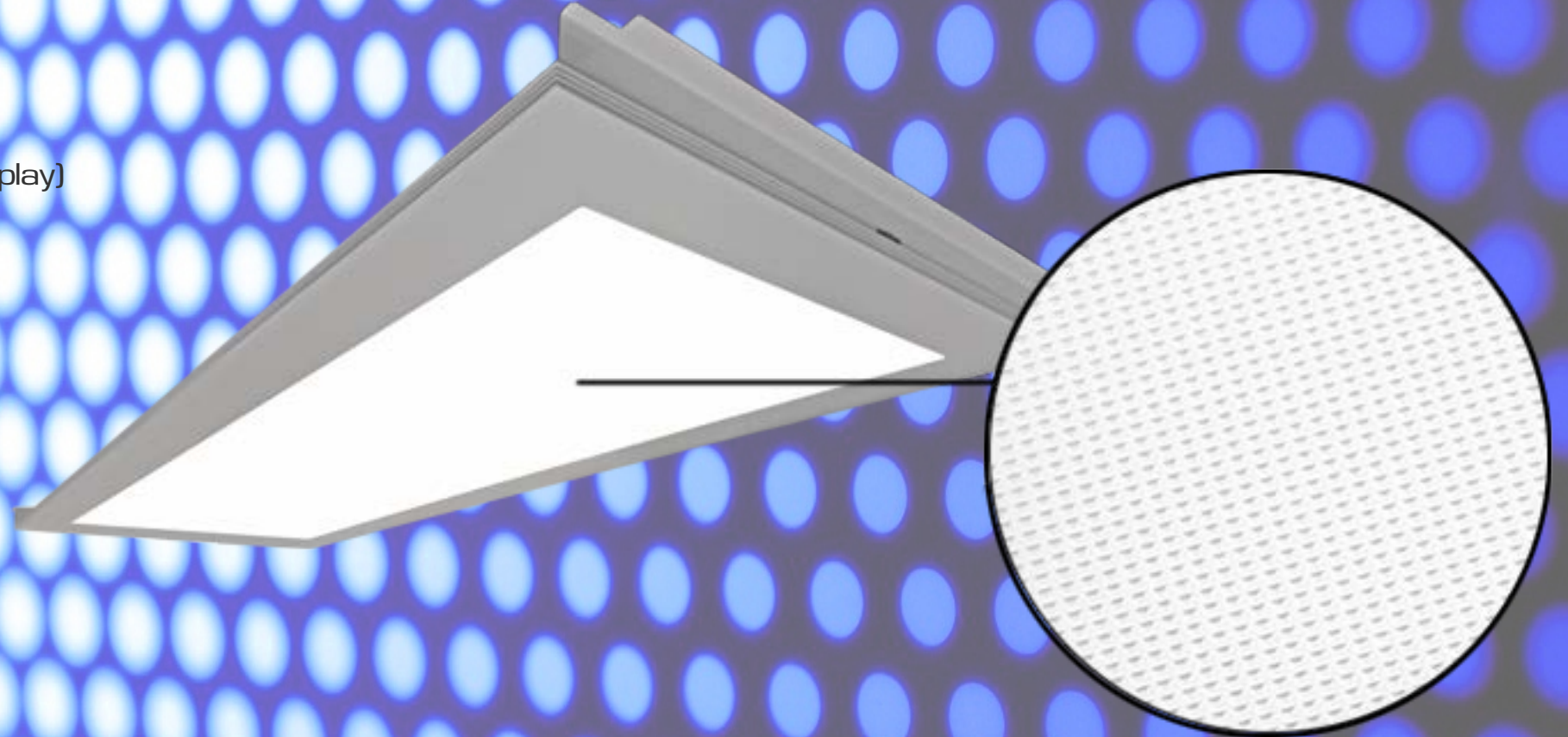
LED Efficiency $>120\text{lm/W}$
Lamp Efficacy $>100\text{lm/W}$ with CRI >80
(CRI >90 available on request)

Symmetrical ultra wide light distribution
LGP lens - high uniformity and no glare

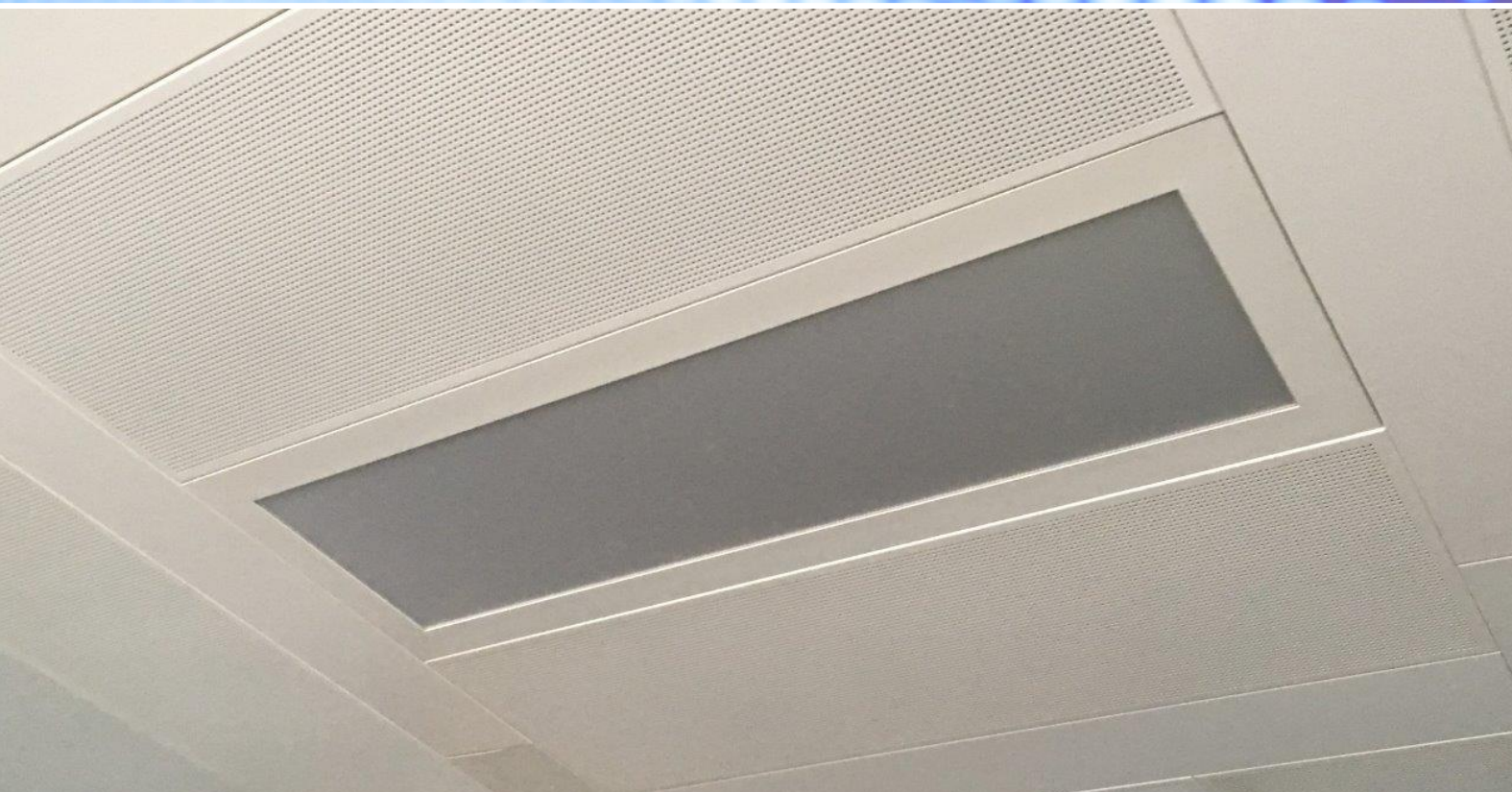
Fit Standard Size 1048mm x 348mm

Bespoke sizes available up to 1543mm
Only 12mm panel depth

Operating Temp: $-25^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Product lifetime $>50,000\text{hrs}$
Power factor >0.9



A unique anti-glare pattern covers the entire diffuser ensuring minimal glare, with a UGR rating of less than 19.



LED Panel Light - SAS Frame

LED Panel - Family



Optical specification:

Colour Temp.	4000K (Option: 5000K)
Colour Render Index	>80CRI (>90 available on request)
Light Distribution	Wide Beam - no glare
Operating temp.	-25°C ~ +50°C
L70 hrs	50000hrs

Electrical Specification:

Input voltage:	120~277V 50/60Hz
Power Factor:	>0.92
Dimming:	(Option: 1-10V, DALI)

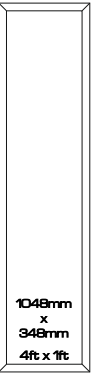
Components and materials:

LED Light source:	SMD2835
Power supply:	Tridonic 45W 1050mA
Housing:	Mild steel SAS frame white coated
Optic Lens:	PMMA LGP
IP rating:	IP20

General specification

Product	Power	Dimensions: mm	Weight: kgs
PLSAS1035	40W	1048 x 348	4.20

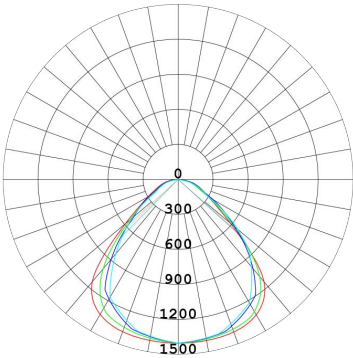
Sizes available



Mounting options

Recessed	Direct retrofit SAS panel frame, combined with ArmadilloLED panel is an easy "fit and forget" package.
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Light Distribution Curve



Wide light distribution means uniform light on wall ceiling and floors. Retrofit and new design may allow to reduce number of fittings overall. LGP™ - Light Guide Pattern technology, PMMA acrylic plate covered with printed pattern guarantee uniform distribution at the best possible brightness. Function is to distribute light from light source located at the edge over the entire surface. Light distribution consists of reflecting the light by the pattern printed on the PMMA acrylic plate. Four sided edge lit panel and LGP™ technology ensures high quality light and feel factor:

