Armadillo LED - Evolution In Lighting

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LED FLAT PANEL

LUMEN FLUX >120LM/W
FREQUENCY WAVE FREE
5 YEAR WARRANTY
FIRE RATED

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Key Features and Benefits:

Cornerstone of any lighting design and retrofit

FWF™ Frequency Wave Free technology (no ripple effect)
Fire proof tested - TP rated
(BS 2782-0:2004 Annex B method 508A:
Rate of burning test on LED Panel and UL-94)

IP67 Detachable power supply
IP54 Panel - easy clean - no maintenance
IP54 Screw Lock connection between panel and power supply

5 Year Warranty as standard

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

LED Efficiency >120lm/W
Lamp Efficacy >100lm/W with CRI>80

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

Fit Standard Sizes from 300mm to 1200mm
Bespoke sizes available up to 1543mm
Only 12mm panel depth
Security suspension wires supplied optionally
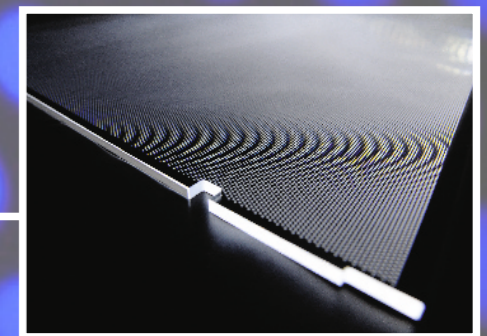
Operating Temp: -25°C ~ 50°C
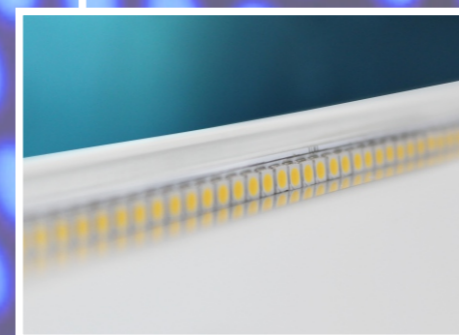Product lifetime >60,000hrs
Power factor >0.92

IP67 LED Power Supply
FWF™ Wave Frequency Free
(no ripple effect)
technology as STANDARD.
Suitable for all applications.
screw fit IP54 Plug.

High performance efficacy,
LGP (Light Guide Pattern)
ensures great uniformity,
even symmetrical light
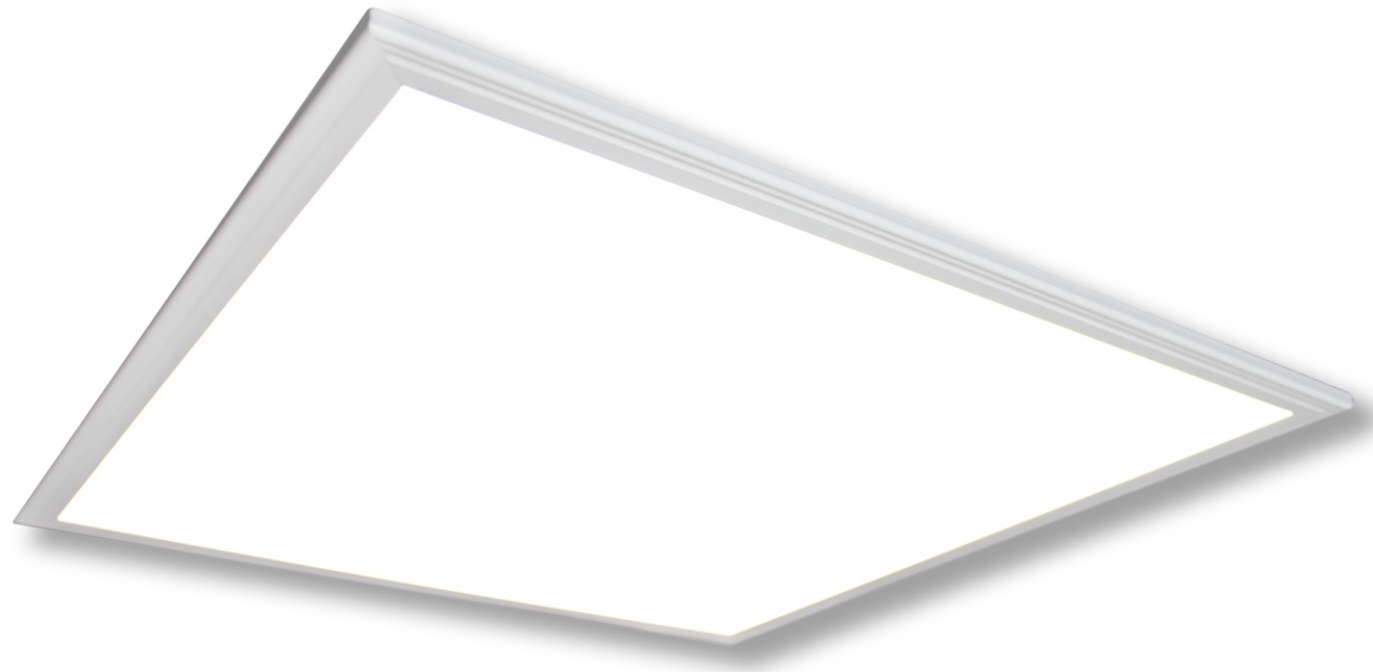distribution, stable colour,
high CRI and no glare.

Four side edge Lit
with High Quality LED Light sources.
Sleek solid white coated aluminium frame.
Robust, design with no sharp edges

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LED Panel - Family

General specification

Product	Power	Dimensions: mm	Weight: kgs
PL3030	20W	295 x 295	1.20
PL3060	25W	295 x 595	2.00
PL6060	40W	595 x 595	4.20
PL1230	45W	1195 x 295	4.20
PL1260	80W	1195 x 595	7.80

Sizes available

1200 x 600 4ft x 2ft
1200 x 300 4ft x 1ft
600 x 600 2ft x 2ft
600 x 300 2ft x 1ft
300 x 300 1ft x 1ft

Mounting options:

Recessed supplied as option with extra two suspension rods, allow attach panel to frame or ceiling for future maintenance.

Suspended 4 x suspended rods supplied, to be attached direct to panel frame.

Surface Mount frame supplied along with screws and plugs. Profile depth allow to fit power supply and optional emergency inside box, ensures clean and aesthetic installation.

Burgess Clip In Direct retrofit panel frame, combined with ArmadilloLED panel is an easy "fit and forget" package.

Optical specification:

Colour Temp.	4000K (Option: 5000K)
Colour Render Index	>80CRI (Option: Ra>90)
Light Distribution	Wide Beam - no glare
Operating temp.	-25°C ~ +50°C
L70 hrs	60000hrs

Electrical Specification:

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

IP67 LED Power Supply FWF™ Wave Frequency Free
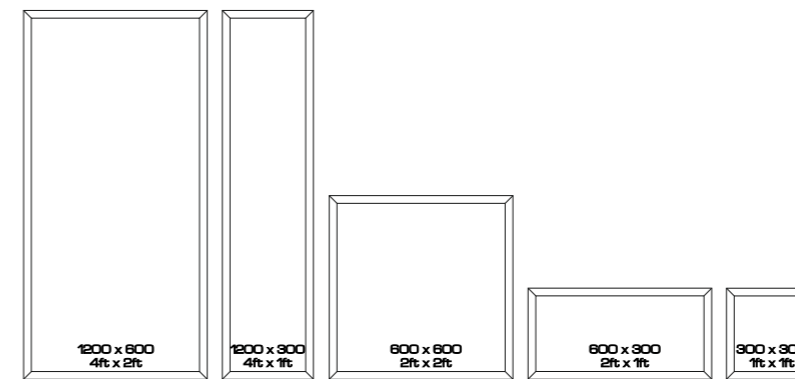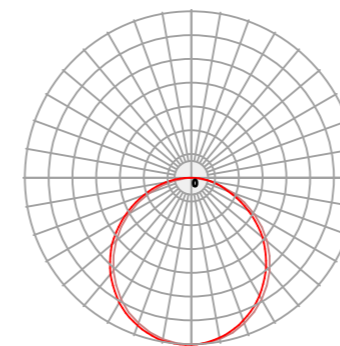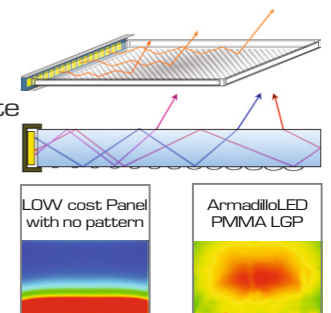
Light Distribution Curve

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.

LOW cost Panel with no pattern

ArmadilloLED PMMA LGP

Components and materials:

LED Light source:	SMD
Power supply:	ArmadilloLED FWF™ Series
Housing:	Aluminium frame white coated
Heatsink:	Extruded aluminium
Optic Lens:	PMMA LGP™
IP rating:	IP54 LED Panel; IP67 Power Supply

Surface Mount White Frame Box (Optional)

all sizes available