



Diamond G2

Panel Series

The panel light, redesigned and reengineered for the future

The Diamond G2 Panel Series is a completely reimagined interpretation of a panel light, designed to be more efficient, versatile and with best in class longevity. Each component of the luminaire has been considered and evolved to create the most complete panel light, ideal for offices, medical applications and education environments. The Diamond G2 Panel Series is available in three options for maximum versatility – a cyanosis

compatible High Colour (COI) model, a High Efficiency model and an Essential model as an accessible alternative. All three models are equipped with the most advanced LED technology which translates to a 40% improvement in lifetime. The High Colour (COI) and the High Efficiency models also boast a new PMMA Light Guide Plate (LGP). This new panel series delivers over 30% improvement in lumen efficacy. The next generation of panel light has arrived.



Cyanosis compatible

The new High Colour (COI) model uses advanced LED technology for wide-spectrum colour, achieving a Cyanosis Observation Index of <math><3.3</math> in accordance with AS/NZS 1680.2.5-2018. This panel light delivers a >50 rating for the R9 red colour bin, for improved colour rendition of red objects.

Improved longevity

Advances in LED technology have resulted in a 40% improvement in lifetime using the latest standards in lifetime data. The new Diamond G2 Panel Series delivers a L80B10 69,000 hour lifetime.

Three Models

This panel series is available in three options – Essential, High Efficiency and High Colour (COI). The High Efficiency version delivers up to 130lm/W, the High Colour (COI) model is cyanosis compatible, IP44 for humid and moist environments with CRI90+ and the Essential model offers a more cost-effective solution.

Flicker-free





All standard options as well as phase-cut and DALI options are equipped with flicker-free technology. This not only improves well-being in offices and educational environments but also eliminates banding during conference calls.





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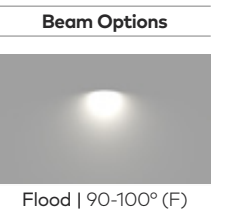
300x600	600x600	300x1200	600x1200
Measurements (mm)	Measurements (mm)	Measurements (mm)	Measurements (mm)
Depth: 10mm	Depth: 10mm	Depth: 10mm	Depth: 10mm
			
295x595	595x595	295x1195	595x1195
Absolute Luminous Flux	Absolute Luminous Flux	Absolute Luminous Flux	Absolute Luminous Flux
Essential Model	Essential Model	Essential Model	Essential Model
26W (750mA) 2670lm	27W (750mA) 3164lm 35W (1000mA) 4050lm	27W (750mA) 2670lm 35W (1000mA) 3439lm	43W (1300mA) 5778lm
Beam	High Efficiency Model	High Efficiency Model	High Colour (COI) Model
100° (F) ¹	17W (500mA) 2533lm 25W (750mA) 3678lm	17W (500mA) 2243lm 25W (750mA) 3295lm	25W (750mA) 3595lm 43W (1300mA) 6068lm
	High Colour (COI) Model	High Colour (COI) Model	Beam
	17W (500mA) 2066lm 25W (750mA) 2998lm 33W (1000mA) 3949lm	17W (500mA) 1943lm 25W (750mA) 2842lm 33W (1000mA) 3698lm	90° (F) ¹
	Beam	Beam	
	90° (F) ¹	90° (F) ¹	

Essential		High Efficiency		High Colour (COI)	
Material	Powder Coated Aluminium, MS LGP	Material	Powder Coated Aluminium, PMMA LGP	Material	Powder Coated Aluminium, PMMA LGP
IP	20	IP	20	IP	44
CRI (Ra/R9)	80+ / >0	CRI (Ra/R9)	80+ / >0	CRI (Ra/R9)	90+ / >50
Efficacy	Up to 100lm/W	Efficacy	Up to 130lm/W	Efficacy	Up to 100lm/W

Finishes	Matt White	Driver	240V Remote Flicker-Free Non-Dimmable Driver (CC)
Warranty	5 Years		240V Remote Flicker-Free Phase-Cut Dimmable Driver (FP)
UGR (Unified Glare Rating)	<19		240V Remote Tridonic one4all DALI Driver (TD)
LED			240V Remote Tridonic basicDIM Bluetooth Driver (TB)
Colour Temp	3000K, 4000K ²		
Colour Deviation	SDCM ≤ 3		
Lifetime	>69,000h L80B10		



- Accessories**
-  **Plaster Kit**
Unique for each size
-  **Surface Mount Kit**
Unique for each size
-  **2m Suspension Kit**



Notes

¹Beam angles have slight variances between each of the models.

²COI compatibility only applies to 4000K variations.