

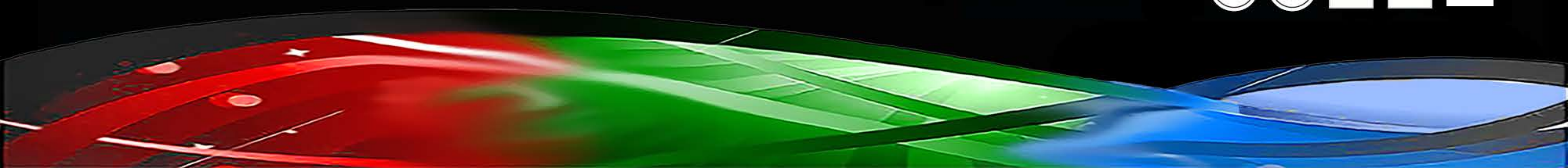


LL29 Series LED SMD Downlights

SMD Downlights with PMMA
diffuser to create a natural and
uniform level of illumination.



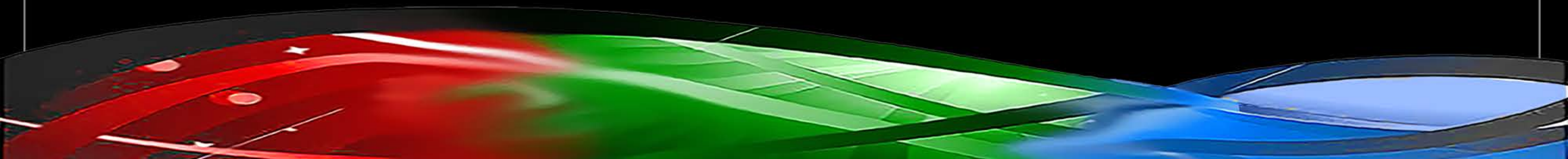
UGR < 19



Specifications



Power Consumption	Input Voltage	IP Rating	LED Source	CRI	Colour Temp	Lumens	Beam Angle	Dimmable	Dimensions
13W	AC100-240V 50/60Hz	IP20	5630 / 2835	≥80Ra	3000K	850lm	90°	Dimmable versions available	Φ110x38mm
		IP44	SMD LED		4000K	880lm			Cut-out: Φ90-100mm
18W	AC100-240V 50/60Hz	IP20	5630 / 2835	≥80Ra	3000K	1400lm	90°	Dimmable versions available	Φ170x45mm
		IP44	SMD LED		4000K	1430lm			Cut-out: Φ140-150mm
25W	AC100-240V 50/60Hz	IP20	5630 / 2835	≥80Ra	3000K	1900lm	90°	Dimmable versions available	Φ228x45mm
		IP44	SMD LED		4000K	1960lm			Cut-out: Φ200-210mm



Design



1

LED Chips

An energy efficient lighting source, suitable for high-end specification projects. Our 5630 / 2835 SMD LED chips have a high luminous efficacy, a good colour rendition of $\geq 80\text{Ra}$. 50,000hrs to L70 F10.

2

Heatsink

Made from high grade AL6063 aluminium, providing excellent thermal management properties. A short heatsink makes this suitable for all kinds of installations.

3

Driver

The isolated driver is also available in 1-10v and DALI dimming. Power factor >0.9 . MTBF $>50,000\text{hrs}$.

4

General Design Features

Suitable for both commercial and residential applications. IP20 or IP44 protection. Triac, 0-10V and DALI dimmable versions available.



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