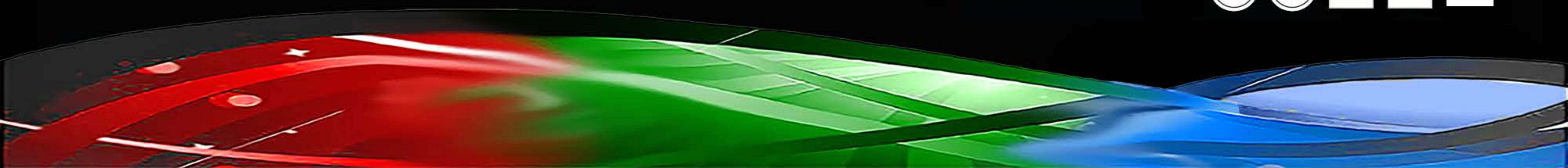




LL01 Series LED Down Lights

COB technology Downlight with anti-glare specular reflector to create a natural and uniform level of illumination.

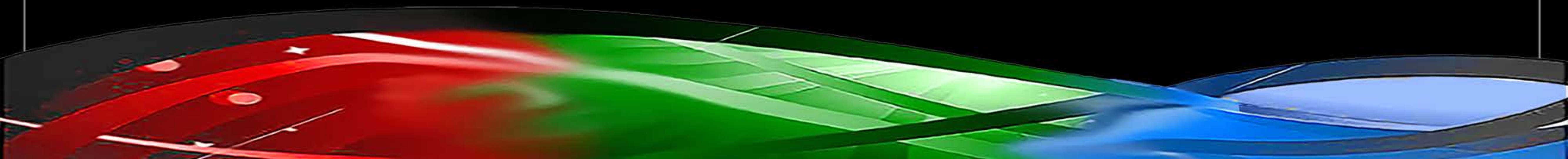
$\geq 90Ra$ UGR < 19



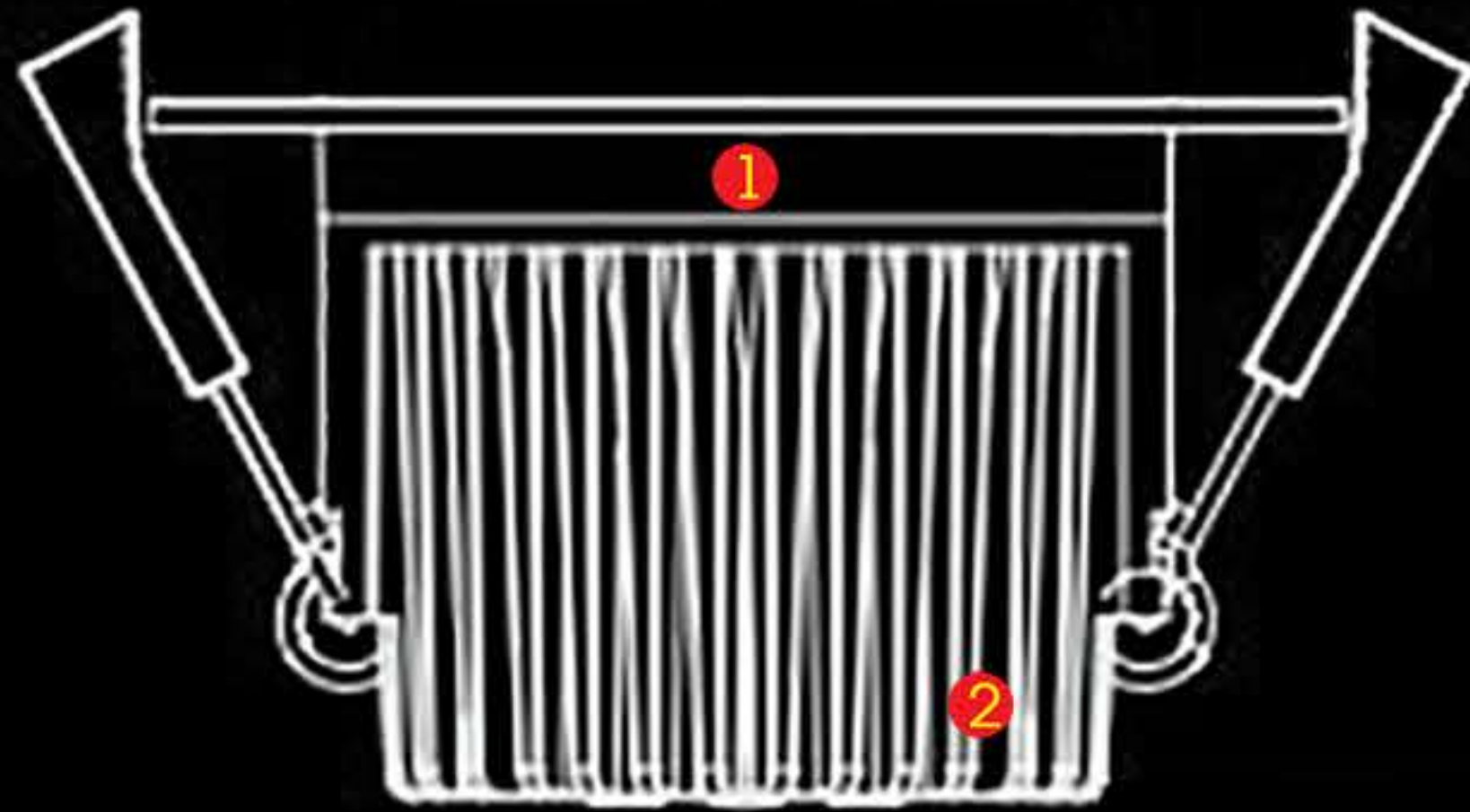
Specifications



Power Consumption	Input Voltage	IP Rating	LED Source	CRI	Colour Temp	Lumens	Beam Angle	Dimmable
10W	AC100-240V 50/60Hz	IP20	SHARP COB	≥80Ra	3000K 4000K	580lm 600lm	60°	Dimmable versions available
13W	AC100-240V 50/60Hz	IP20 IP44	SHARP COB	≥80Ra	3000K 4000K	810lm 820lm	60°	Dimmable versions available
18W	AC100-240V 50/60Hz	IP20 IP44	SHARP COB	≥80Ra	3000K 4000K	1300lm 1370lm	60°	Dimmable versions available
25W	AC100-240V 50/60Hz	IP20 IP44	SHARP COB	≥80Ra	3000K 4000K	1830lm 1840lm	60°	Dimmable versions available
35W	AC100-240V 50/60Hz	IP20 IP44	SHARP COB	≥80Ra	3000K 4000K	2500lm 2620lm	60°	Dimmable versions available



Design



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 >40,000hrs.

4

Reflector

A uniquely designed multi-faceted covered reflector assists in the design of LG7 schemes, effectively reducing glare and improving comfort.

1

LED Chips

An energy efficient lighting source, suitable for high-end specification projects. Our SHARP COB chips have a high luminous efficacy, an excellent colour rendition of $\geq 90\text{Ra}$, and fall within a 3 step MacAdam Ellipse (SDCM3). 50,000hrs to L70 F10.





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Lighting

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