

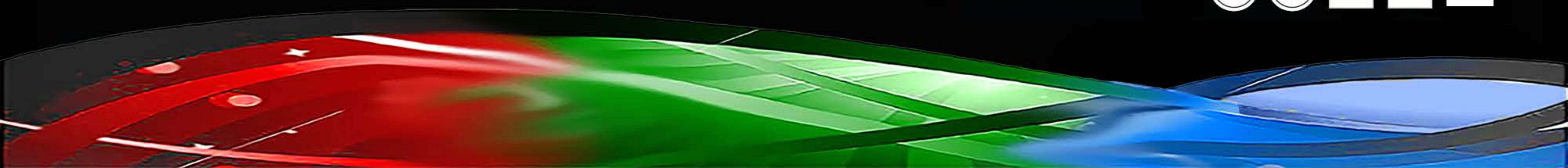


## LL02 Series LED Gimbals

Directional LED recessed lighting fixtures with COB technology for retail or commercial applications



**≥ 90Ra**



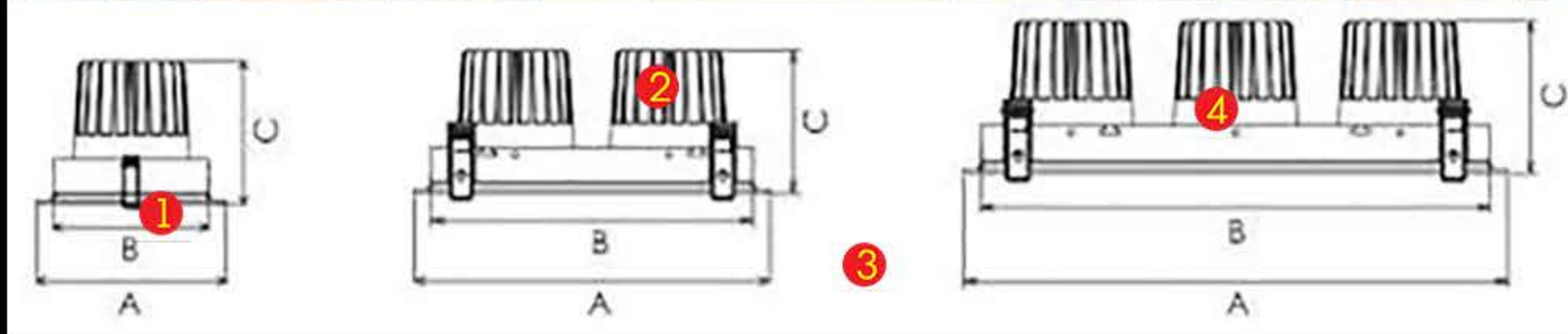
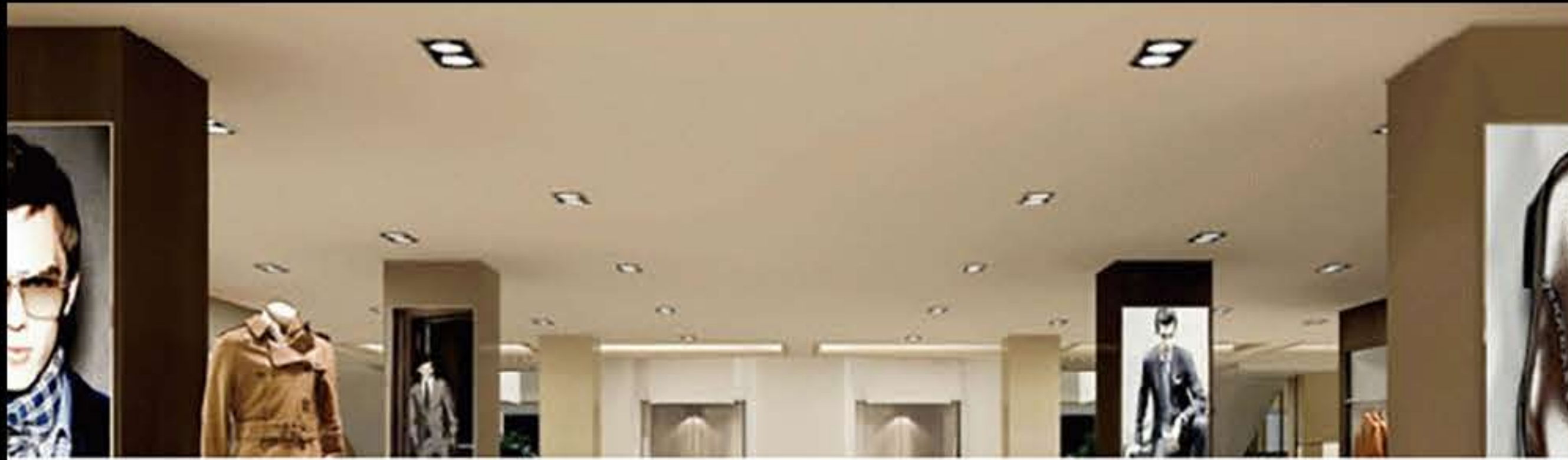
# Specifications



Power Consumption	Input Voltage	IP Rating	LED Source	CRI	Colour Temp	Lumens	Beam Angle	Dimmable
30W	AC100-277V 50/60Hz	IP20	SHARP COB	≥80Ra	3000K 4000K	1900lm 2050lm	60°	Dimmable versions available
60W	AC100-277V 50/60Hz	IP20	SHARP COB	≥80Ra	3000K 4000K	3900lm 4080lm	60°	Dimmable versions available
90W	AC100-277V 50/60Hz	IP20	SHARP COB	≥80Ra	3000K 4000K	6300lm 6800lm	60°	Dimmable versions available



# Design



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## 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.

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## 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  $\geq 90Ra$ , and fall within a 3 step MacAdam Ellipse (SDCM3). 50,000hrs to L70 F10.





Lumilow  
Lighting

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