



# LED Ceiling Recessed Gimbal Downlights. dimmable or non-dimmable

### Features

- ▶ High quality Citizen COB LED
- ▶ High quality surface finish
- ▶ Heavy duty aluminium heat sink
- ▶ c/w LED driver

### Safety Standard

- ▶ EN/IEC 60598-1
- ▶ EN/IEC 60598-2

### Specifications - LED

- ▶ Lumen Output: 130-150 lm/W
- ▶ Lifespan : 50000hrs
- ▶ Color Rendering Index (CRI):
  - standard: 80Ra
  - optional: 90Ra, 95Ra
- ▶ Colors:
  - standard: 2700k/3000k/4000k/6500k
  - optional: 3500k/5000k

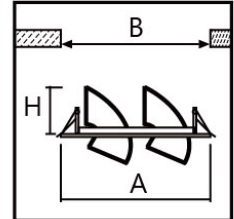
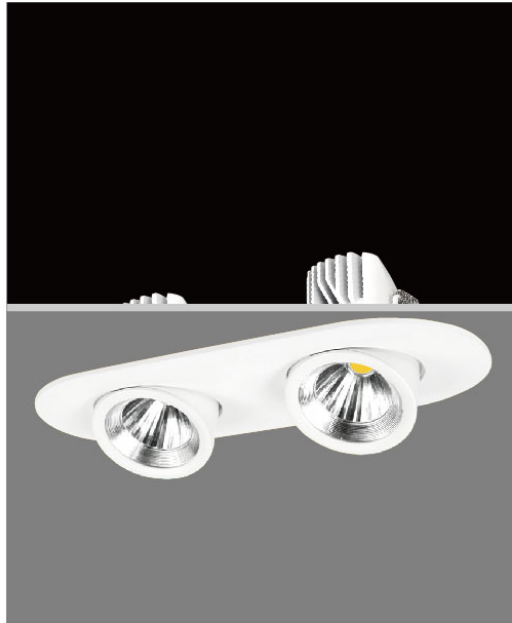
### Specifications - LED drivers

- ▶ SELV safety isolated transformer
- ▶ Comply to EN/IEC 61347-1&2
- ▶ Dimming options:
  1. Philips: Non-dim (standard)
  2. TED: Triac dimmable (optional)
  3. TED: 0-10V dimmable (optional)



## CLE812

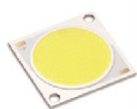
- ▶ Ceiling recessed mounting
- ▶ Deep-recessed anti-glare design
- ▶ Citizen COB LED
- ▶ Aluminium body & reflector, clear diffuser



Model	Power	Beam	Dimension mm		
			A	B	H
CLE812-3	2x6/8/10/12W	30°	225	190	70
			x	x	
			100	80	

LED

**CITIZEN**  
Micro HumanTech



Driver



Philips LED Driver

*better by design*