

***Feature:**

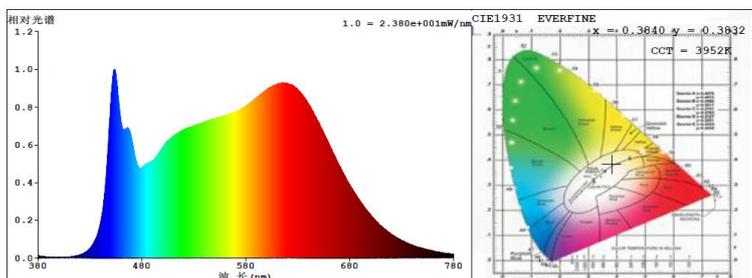
- HALED patent optics design, similar to halogen light effect
- Easy and quick installation
- PF>0.9, flicker free, follows new ErP
- Dimmable or dim to warm halogen function by trailing edge dimmer
- CRI 97, R9>90
- Low UGR
- Peak luminous intensity 2400cd (24°) / 1800cd (36°)
- Metal appearance, excellent heat dissipation
- Lifespan 40000 hrs, 5 years warranty
- High energy efficiency



Technical data

Part No.	Type of installation		
CTCA3409DNW/ N/ B	Recessed		
Electrical specifications			
Wattage (W)	10W	Power factor	0.85
AC input voltage (V)	AC200V-240V	Current	50mA
Frequency (Hz)	50/60Hz	DC output voltage (V)	
Flicker metric PST	0.023	Stroboscopic effect metric SVN	0.25
Total harmonic distortion (THD)	15%	Dimmable	Yes, trailing edge
Max. no. of lamps on B16A circuit breaker	250	Max. no. of lamps on C10A circuit breaker	170
Max. no. of lamps on C16A circuit breaker	250		
Photometric specifications			
Color temperature (CCT)	3000~2000K	CRI/ R9	97/ >90(Min.)
Chromaticity coordinate (x/ y)	0.380/ 0.380	Standard deviation of colour	≤ 3 SDCM
Useful luminous flux (lm)	750lm ± 5%	Luminous efficiency (lm/W)	97lm/ W
UGR	≤19		

Photometric Information



EAN	Colour	Beam angle	Peak Luminous intensity		
	Matt White	24°	2400cd		
	Stain Nickel	24°	2400cd		
	Matt Black	24°	2400cd		
	Matt White	36°	1800cd		
	Stain Nickel	36°	1800cd		
	Matt Black	36°	1800cd		

Mechanical specifications

Housing material Aluminium

Optical cover/ lens material Al reflector+PC+Glass

Height 55mm

Product weight 200g

Lifespan

Number of switching cycles 100,000-

L80/B10 service life at 25°C 40,000 hrs

Warranty 5 Years

Application parameters

Working temperature range -20~+50°C

Package

Individual package length 105mm

Individual package height 68mm

Individual package width 105mm

Gross weight (single item) 220g

Driver Internal

Housing Colour

Matt White / Stain Nickel /
Matt Black

Length/ diameter

85mm

Hole size

68mm

L70/B50 service life at 25°C

50,000 hrs

L90/B10 service life at 25°C

20,000 hrs

Storage temperature range

-20~+70°C

Shipping box height

550mm

Shipping box height

166mm

Shipping box width

240mm

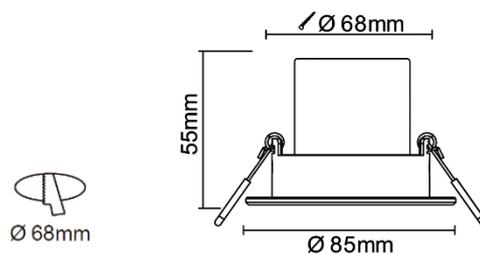
Packaging unit

20pcs

Gross weight (Shipping box)

4.8kgs

Technical Drawings (mm)



Package



85*55mm



105*105*68mm



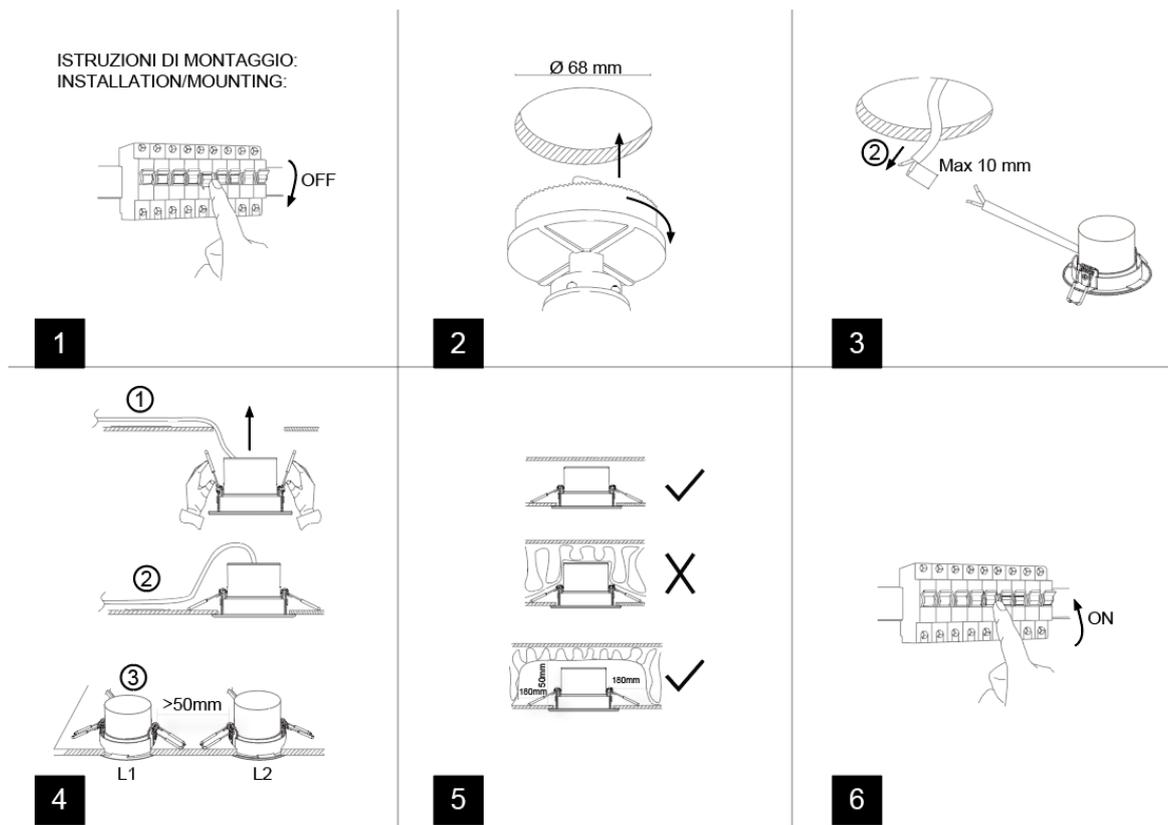
550*20*166mm(20PCS)

Cautions:

- Power off before replacement
- Do not in violation of any fire regulations when using
- Consult competent electricians for technical support
- If the supply cord is damaged, it shall be exclusively replaced by the manufacture or his service agent o similar qualified person in order to avoid a hazard

Installation /Mounting:

Please read the entire instruction manual before using the product and reserve it for future reference. We reserve the right for any error in text or image and any necessary change made to technical data. If you have any question regarding technical problems, please contact our Customer Services.



For non replacable lightsources. The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced"