

***Feature:**

- HALED patent optics design, similar to halogen light effect
- HCL by SUNWHITE Technology, 2000~5000K auto moving by follow time every day.
- PF>0.9, flicker free, driver outside
- Dimmable and dim to warm halogen function
By both trailing and leading edge dimmer
- CRI 95, R9>90, Low UGR
- Peak luminous intensity 2400cd (24°) / 1800cd (36°)
- Metal appearance, excellent heat dissipation
- Lifespan 40000 hrs, 5 years warranty



Matt White

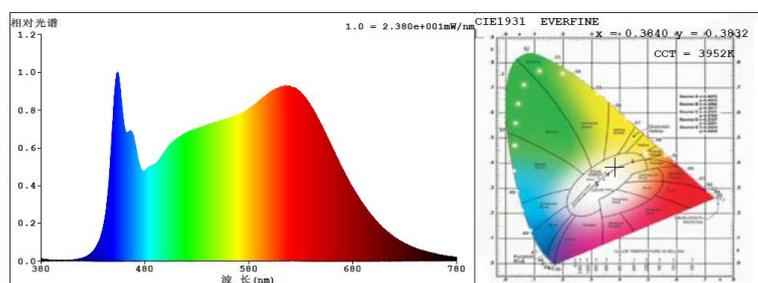
Satin Nickel

Matt Black

Technical data

Part No.	Type of installation		
CTCA3409DNW/ N/ B	Recessed		
Electrical specifications			
Wattage (W)	10W	Power factor	0.9
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)	12%	Dimmable	Yes, by both trailing and leading dimmer
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)	2000~5000K	CRI/ R9	95/ >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)	90lm/ 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

Housing Colour	Matt White / Stain Nickel / Matt Black
Length/ diameter	85mm
Hole size	68mm

Lifespan

Number of switching cycles	100,000-
L80/B10 service life at 25°C	40,000 hrs
Warranty	5 Years

L70/B50 service life at 25°C	50,000 hrs
L90/B10 service life at 25°C	20,000 hrs

Application parameters

Working temperatuer range	-20~+50°C
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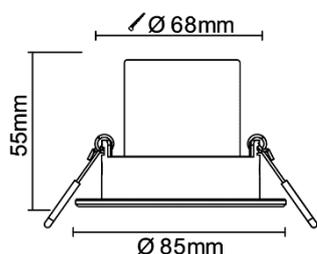
Storage temperature range	-20~+70°C
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Package

Individual package length	105mm
Individual package height	68mm
Individual package width	105mm
Gross weight (single item)	220g
Driver	Internal

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



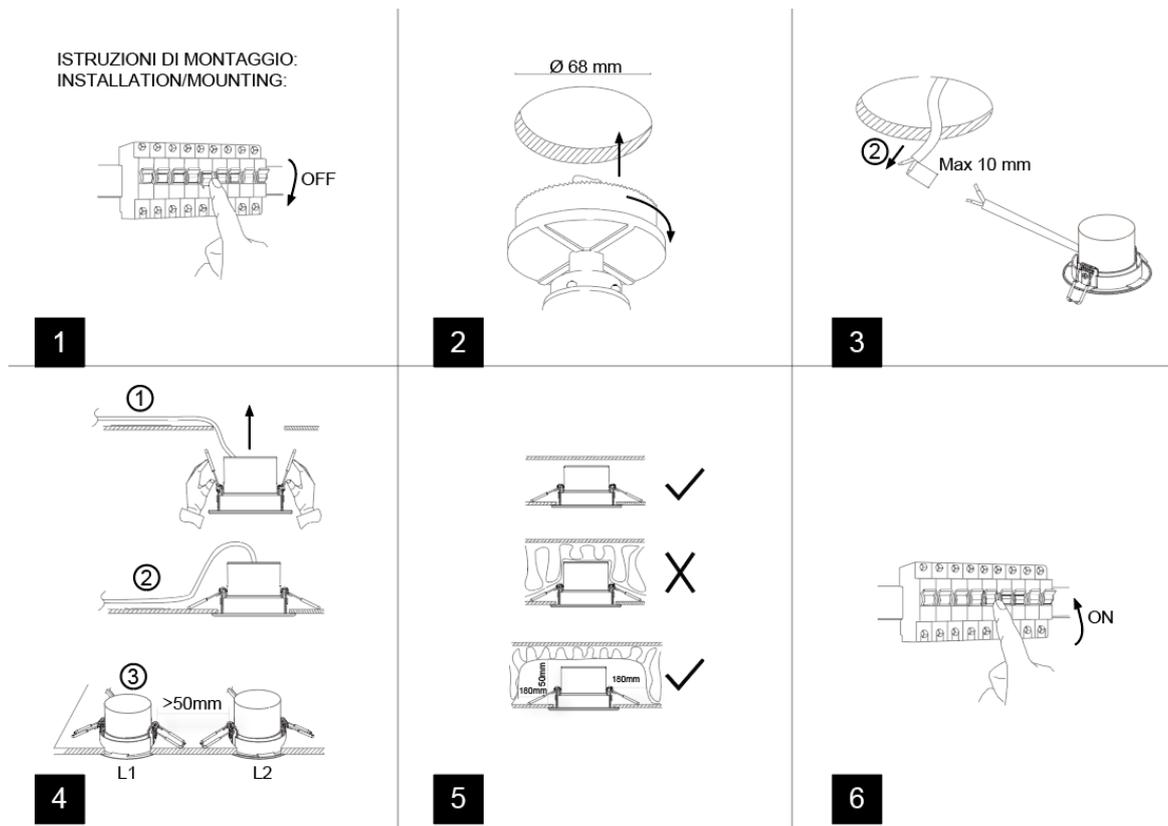
550*20*166mm(20PCS)

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-replaceable light sources. The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced"