

*Feature:

- HALED patent optics design, similar to halogen light effect
- Easy and quick installation
- PF > 0.95, flicker free, follows new ErP
- Dimmable or dim to warm halogen function by Triac dimmer
- CRI 95, R9 > 70
- Low UGR
- Peak luminous intensity 2100cd (24°) / 1650cd (36°)
- Metal appearance, excellent heat dissipation
- Lifespan 40000 hrs, 5 years warranty
- High energy efficiency

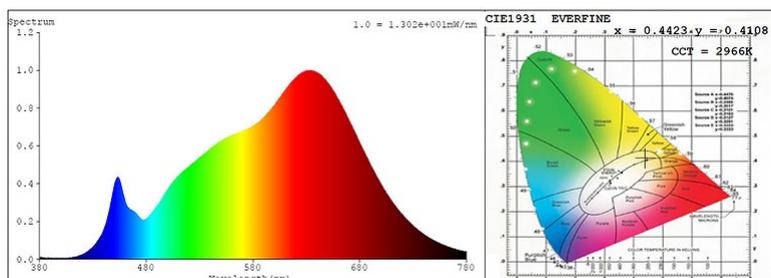
CE RoHS ErP



Technical data

Part No.	Type of installation		
CTCA5412PWW/ N/ B	Recessed		
Electrical specifications			
Wattage (W)	12W	Power factor	0.95
AC input voltage (V)	AC200V-240V	Current	55mA
Frequency (Hz)	50/60Hz	DC output voltage (V)	DC32-40V
Flicker metric PST	0.033	Stroboscopic effect metric SVN	0.01
Total harmonic distortion (THD)	18%	Dimmable	Yes
Max. no. of lamps on B16A circuit breaker	230	Max. no. of lamps on C10A circuit breaker	140
Max. no. of lamps on C16A circuit breaker	230		
Photometric specifications			
Color temperature (CCT)	3000K ± 150K	CRI/ R9	95/ >70(Min.)
Chromaticity coordinate (x/ y)	0.44/ 0.403	Standard deviation of colour	≤3 SDCM
Useful luminous flux (lm)	700lm ± 5%	Luminous efficiency (lm/W)	58lm/ W
UGR	≤19		

Photometric Information

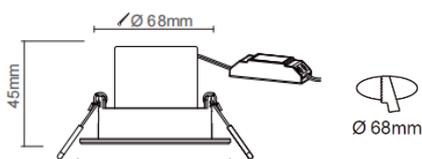


EAN	Colour	Beam angle	Peak Luminous intensity		
41090	Matt White	24°	2200cd		
41095	Stain Nickel	24°	2200cd		
41247	Matt Black	24°	2200cd		
41006	Matt White	36°	1650cd		
41085	Stain Nickel	36°	1650cd		
41242	Matt Black	36°	1650cd		

Mechanical specifications	
Housing material	Aluminium
Optical cover/ lens material	AlReflector+PC+Glass
Height	45mm
Product weight	220g
Lifespan	
Number of switching cycles	100,000-
L80/B10 service life at 25°C	40,000 hrs
Warranty	5 Years
Application parameters	
Working temperatuer range	-20~+50°C
Package	
Individual package length	130mm
Individual package height	68mm
Individual package width	130mm
Gross weight (single item)	240g
Driver	separated

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	580mm
Shipping box height	156mm
Shipping box width	290mm
Packaging unit	20pcs
Gross weight (Shipping box)	5.2kgs

Technical Drawings (mm)



Package



85*45mm



130*110*63mm



580*290*156mm(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.

ISTRUZIONI DI MONTAGGIO:
INSTALLATION/MOUNTING:

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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"