

*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

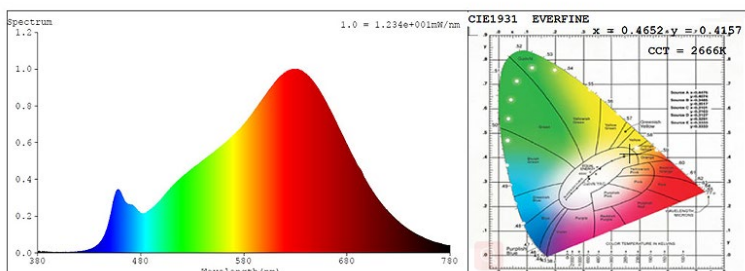
CE RoHS ErP



Technical data

Part No.	Type of installation		
CTCA5412PKW/ 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)	2700K ± 150K	CRI/ R9	95/ >70(Min.)
Chromaticity coordinate (x/ y)	0.459/ 0.412	Standard deviation of colour	≤3 SDCM
Useful luminous flux (lm)	700lm ± 5%	Luminous efficiency (lm/W)	58lm/ W
UGR	≤19		

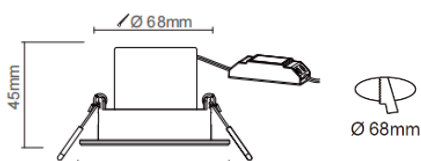
Photometric Information



EAN	Colour	Beam angle	Peak Luminous intensity		
41089	Matt White	24°	2200cd		
41094	Stain Nickel	24°	2200cd		
41246	Matt Black	24°	2200cd		
41005	Matt White	36°	1650cd		
41084	Stain Nickel	36°	1650cd		
41241	Matt Black	36°	1650cd		

Mechanical specifications			
Housing material	Aluminium	Housing Colour	Matt White / Stain Nickel / Matt Black
Optical cover/ lens material	AlReflector+PC+Glass	Length/ diameter	85mm
Height	45mm	Hole size	68mm
Product weight	220g		
Lifespan			
Number of switching cycles	100,000-	L70/B50 service life at 25°C	50,000 hrs
L80/B10 service life at 25°C	40,000 hrs	L90/B10 service life at 25°C	20,000 hrs
Warranty	5 Years		
Application parameters			
Working temperatuer range	-20~+50°C	Storage temperature range	-20~+70°C
Package			
Individual package length	130mm	Shipping box height	580mm
Individual package height	68mm	Shipping box height	156mm
Individual package width	130mm	Shipping box width	290mm
Gross weight (single item)	240g	Packaging unit	20pcs
Driver	separated	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"