

*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 1950cd (24°) / 1500cd (36°)
- Metal appearance, excellent heat dissipation
- Lifespan 40000 hrs, 5 years warranty
- High energy efficiency

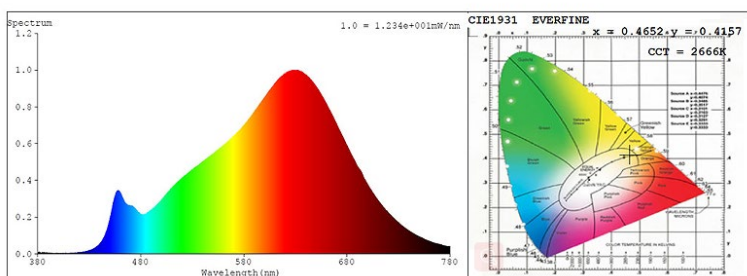
CE RoHS ErP



Technical data

| Part No. | Type of installation | | |
|---|------------------------------------|---|---------------|
| CTCA5412WKW/ 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 | Dim to warm |
| 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-2100K | CRI/ R9 | 95/ >70(Min.) |
| Chromaticity coordinate (x/ y) | 0.459/ 0.412 0.520/0.415 | Standard deviation of colour | ≤5 SDCM |
| Useful luminous flux (lm) | 650lm ± 5% | Luminous efficiency (lm/W) | 54lm/ W |
| UGR | ≤19 | | |

Photometric Information



| EAN | Colour | Beam angle | Peak Luminous intensity | |
|-------|--------------|------------|-------------------------|--|
| 41088 | Matt White | 24° | 2000cd | |
| 41093 | Stain Nickel | 24° | 2000cd | |
| 41245 | Matt Black | 24° | 2000cd | |
| 41004 | Matt White | 36° | 1500cd | |
| 41083 | Stain Nickel | 36° | 1500cd | |
| 41240 | Matt Black | 36° | 1500cd | |

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 heigth | 580mm |
|---------------------|-------|

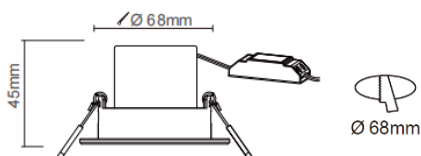
| | |
|---------------------|-------|
| Shipping box height | 156mm |
|---------------------|-------|

| | |
|--------------------|-------|
| 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"