

\*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 1900cd (24° ) / 1450cd (36° )
- Metal appearance, excellent heat dissipation
- Lifespan 40000 hrs, 5 years warranty
- High energy efficiency

CE RoHS ErP



Matt White

Satin Nickel

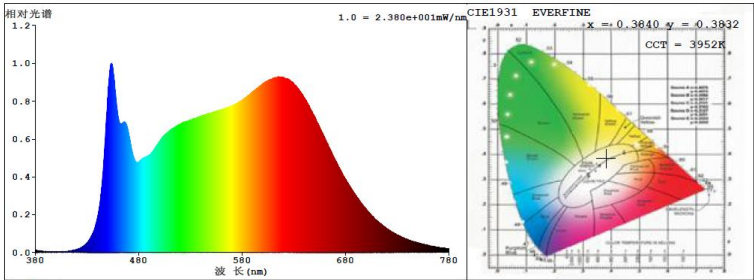
Matt Black

Technical data

| Part No.                                  | Type of installation |
|-------------------------------------------|----------------------|
|                                           | Recessed             |
| Electrical specifications                 |                      |
| Wattage (W)                               | 8W                   |
| AC input voltage (V)                      | AC200V-240V          |
| Frequency (Hz)                            | 50/60Hz              |
| Flicker metric PST                        | 0.023                |
| Total harmonic distortion (THD)           | 15%                  |
| Max. no. of lamps on B16A circuit breaker | 320                  |
| Max. no. of lamps on C16A circuit breaker | 320                  |
| Photometric specifications                |                      |
| Color temperature (CCT)                   | 2700/3000/4000/5000K |
| Chromaticity coordinate (x/ y)            | 0.380/ 0.380         |
| Useful luminous flux (lm)                 | 620lm ± 5%           |
| UGR                                       | ≤19                  |

|                                           |                    |
|-------------------------------------------|--------------------|
| Power factor                              | 0.9                |
| Current                                   | 37mA               |
| DC output voltage (V)                     |                    |
| Stroboscopic effect metric SVN            | 0.25               |
| Dimmable                                  | Yes, trailing edge |
| Max. no. of lamps on C10A circuit breaker | 210                |
| CRI/ R9                                   | 95/ >70(Min.)      |
| Standard deviation of colour              | ≤ 3 SDCM           |
| Luminous efficiency (lm/W)                | 97lm/ W            |

Photometric Information



| EAN | Colour       | Beam angle | Peak Luminous intensity |  |  |
|-----|--------------|------------|-------------------------|--|--|
|     | Matt White   | 24°        | 1900cd                  |  |  |
|     | Stain Nickel | 24°        | 1900cd                  |  |  |
|     | Matt Black   | 24°        | 1900cd                  |  |  |
|     | Matt White   | 36°        | 1450cd                  |  |  |
|     | Stain Nickel | 36°        | 1450cd                  |  |  |
|     | Matt Black   | 36°        | 1450cd                  |  |  |

**Mechanical specifications**

Housing material Aluminium

Optical cover/ lens material AlReflector+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

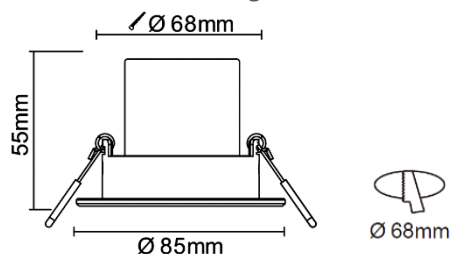
240mm

Packaging unit

20pcs

Gross weight (Shipping box)

4.8kgs

**Technical Drawings (mm)**

## Package



85\*55mm



105\*105\*68mm



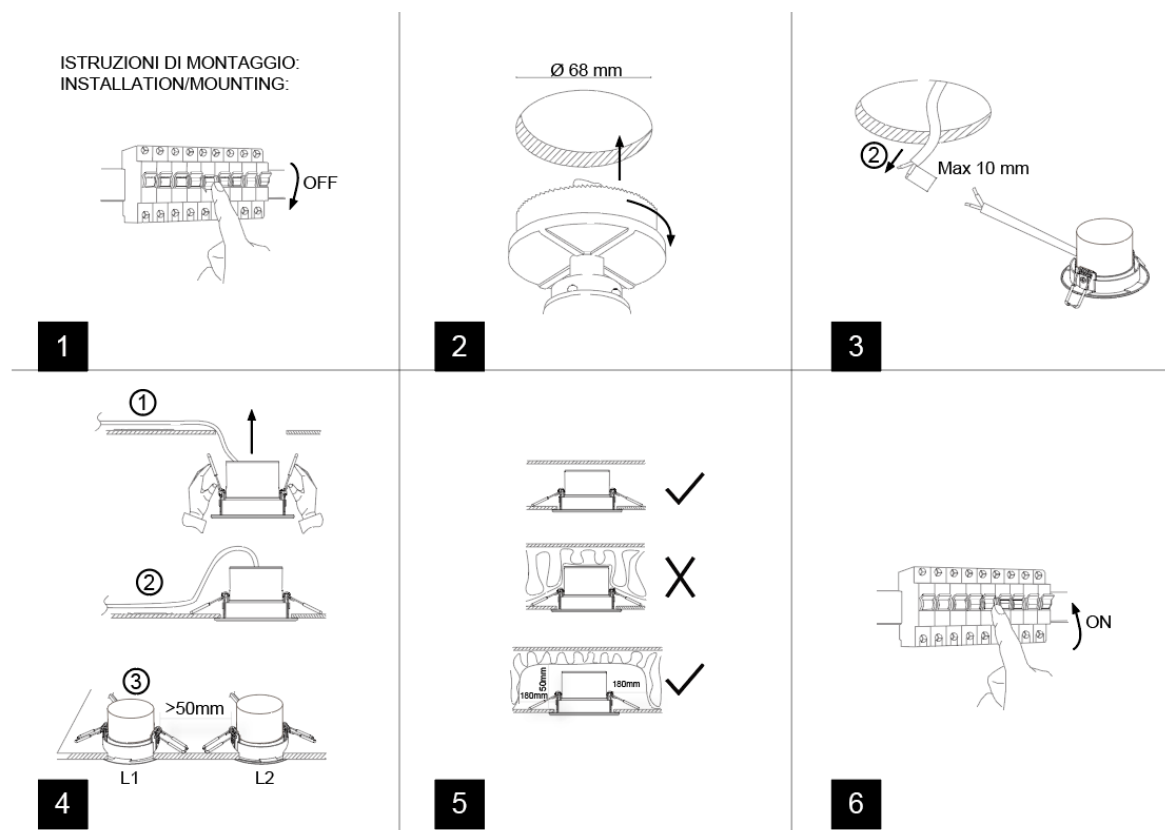
550\*20\*166mm(20PCS)

### 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"