

**\*Feature:**

- HALED patent optics design, similar to halogen light effect,
- Slim, 39mm height only
- Easy and quick installation
- PF>0.8, flicker free, follows new ErP
- Dimmable by both trailing and leading edge dimmer
- CRI 97, R9>95
- Low UGR
- Peak luminous intensity 2200cd (24° ) / 16500cd (36° )
- Metal appearance, excellent heat dissipation
- Lifespan 40000 hrs, 5 years warranty
- High energy efficiency

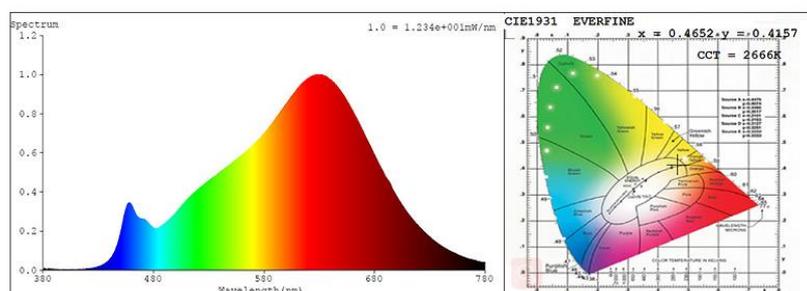
CE RoHS ErP



**Technical data**

Part No.	Type of installation		
	Recessed		
<b>Electrical specifications</b>			
Wattage (W)	9W	Power factor	0.85
AC input voltage (V)	AC200V-240V	Current	46mA
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	DTW, both trailing and leading
Max. no. of lamps on B16A circuit breaker	370	Max. no. of lamps on C10A circuit breaker	220
Max. no. of lamps on C16A circuit breaker	370		
<b>Photometric specifications</b>			
Color temperature (CCT)	2700/3000/4000K	CRI/ R9	97/ >90(Min.)
Chromaticity coordinate (x/ y)	0.459/ 0.412	Standard deviation of colour	≤5 SDCM
Useful luminous flux (lm)	700lm ± 5%	Luminous efficiency (lm/W)	100lm/ W(Follow ERP)
UGR	≤19		

**Photometric Information**



EAN	Colour	Beam angle	Peak Luminous intensity		
	Matt White	24°	2200cd		
	Stain Nickel	24°	2200cd		
	Matt Black	24°	2200cd		
	Matt White	36°	1650cd		
	Stain Nickel	36°	1650cd		
	Matt Black	36°	1650cd		

**Mechanical specifications**

Housing material	Aluminium
Optical cover/ lens material	Al Reflector +PC lens +Glass
Height	39mm
Product weight	200g

**Optical specifications**

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

**Service life**

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 parameters**

Storage temperature range	-20~+70°C
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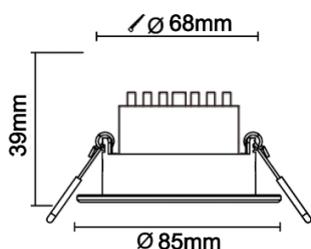
**Package**

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

**Shipping parameters**

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



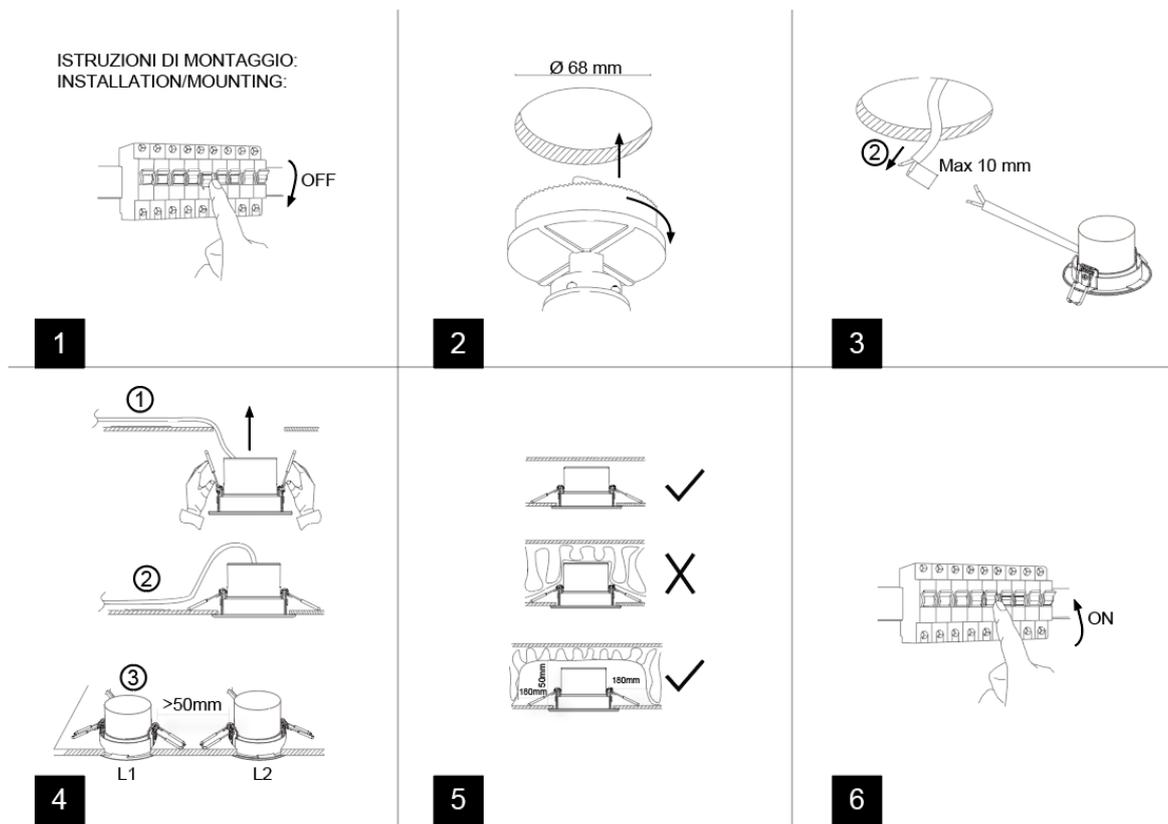
550\*20\*166 mm (20PCS)

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"