

*Features:

- HALED patent optics design, similar to halogen light effect
- Easy and quick installation
- PF>0.85, flicker free, follows new ErP
- Dimmable or Dim to warm halogen function by triac dimmer
4.7W HALED downlight replace 50W halogen lamp
- CRI 95, R9>90
- Low UGR
- Peak luminous intensity is 1.25 times of parallel products
- Suitable for all kinds of unenclosed luminaire
- Metal structure, excellent heat dissipation
- Lifespan 40,000 hrs, 5 years warranty
- High energy efficiency



CE RoHS ErP

Surface ring: White/ Nackle

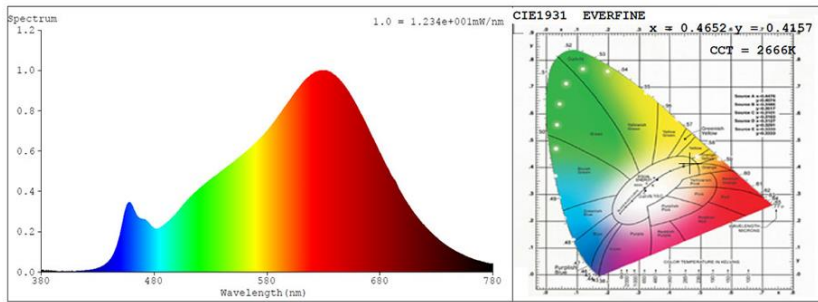
Applications

- Residential application and hotel lighting.
- Commercial lighting like restaurants, bars,cafes, etc.

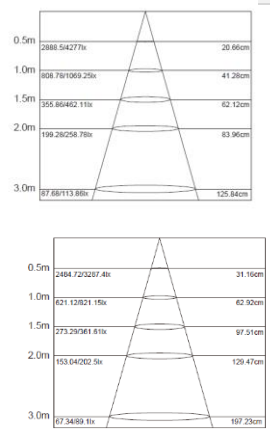
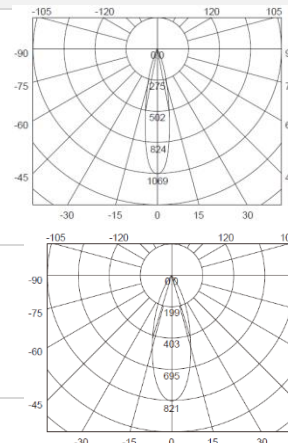
Technical data

Part No.	Type of installation		
WSW002K05	Double wiring		
Electrical specifications			
Wattage (W)	4.7W	Power factor	>0.75
AC input voltage (V)	AC200V-240V	Current	27mA
Frequency (Hz)	50/60Hz	DC output voltage (V)	-
Flicker metric PST	0.023	Stroboscopic effect metric SVN	0.25
Total harmonic distortion (THD)	27%	Dimmable	Dim to warm
Max. no. of lamps on B16A circuit breaker	420	Max. no. of lamps on C10A circuit breaker	240
Max. no. of lamps on C16A circuit breaker	420		
Photometric specifications			
Color temperature (CCT)	2700K-2100K	CRI/ R9	95/ 90(Min.)
Chromaticity coordinate (x/ y)	2700K: 0.459/ 0.412 2100K: 0.520/ 0.415	Standard deviation of colour	≤5 SDCM
Useful luminous flux (lm)	350lm ± 5%	Luminous efficiency (lm/W)	86lm/ W (ERP)
UGR	≤19		

Photometric Information



EAN	Colour	Beam angle	Peak Luminous intensity
49001	White	24°	1050cd
49011	Nickle	24°	1050cd
49006	White	36°	800cd
49016	Nickle	36°	800cd



Mechanical specifications

Housing material	Aluminium
Optical cover/ lens material	Al Reflector+PC+Glass
Width/ diameter	50mm
Product weight	82g

Housing Colour	Titanium
Length/ diameter	50mm
Height	36mm

Lifespan

Number of switching cycles	100,000-
L80/B10 service life at 25°C	40,000 hrs
Warranty	5 Years

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
---------------------------	-----------

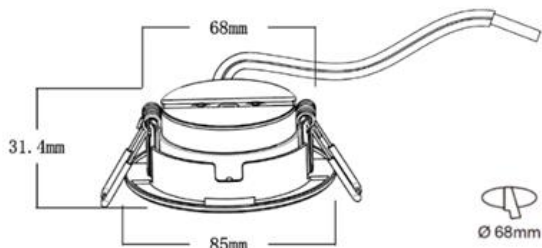
Storage temperature range	-20~+70°C
---------------------------	-----------

Package

Individual package length	50mm
Individual package height	40mm
Individual package width	50mm
Gross weight (single item)	82g
Driver	Internal

Shipping box heigth	580mm
Shipping box height	185mm
Shipping box width	285mm
Packaging unit	150pcs
Gross weight (Shipping box)	14kgs

Technical Drawings (mm)



Note: Height between the module and roof should be no less than 10cm for heat dissipation purpose for installation.

Package



Inner Box 50*50*40mm



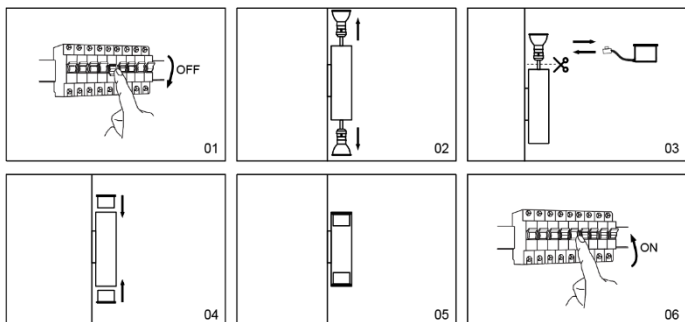
Inner Carton 270*110*55mm(10PCS)



Shipping Carton 580*285*185mm(150PCS)

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.



Cautions:

- Don't touch the lamp when it is lighted
- Don't use it in enclosed luminaire
- Power off before replacement
- Do not in violation of any fire regulations when using
- Consult professional electricians for technical support
- If the cable is damaged, it must be replaced by the manufacturer and its service agent, or qualified person in order to avoid hazards.