

*Features:

- HALED patent optics design, similar to halogen light effect
- Can replace halogen lamp directly
- Easy and quick installation
- $PF > 0.85$, flicker free, following new ErP
- Dimmable by triac dimmer, It is compatible with both front-cut dimming and rear-cut dimming.
- 8W HALED lamp replace 100W halogen lamp
- CRI 97, R9 > 95
- Low UGR, high center light intensity
- Cold-forged process, excellent heat dissipation
- Between the lamp body and the driver, a gap of 3 to 5 millimeters should, further enhancing the performance of the product.
- Suitable for indoor and outdoor enclosed luminaires
- Lifespan 40000 hrs, 5 years warranty
- High energy efficiency



CE RoHS ErP

Applications

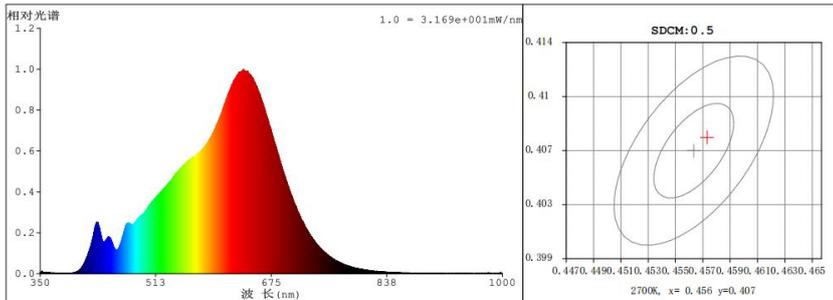
- Residential application and hotel lighting.
- Commercial lighting like restaurants, bars, cafes, etc.

Technical data

Part No.	Type of installation		
M80TU3WC100T8B-44031	Double wiring		
Electrical specifications			
Wattage (W)	8W	Power factor	>0.85
AC input voltage (V)	AC200V-240V	Current	40mA
Frequency (Hz)	50/60Hz	DC output voltage (V)	-
Flicker metric PST	0.023	Stroboscopic effect metric SVN	0.25
Total harmonic distortion (THD)	24%	Dimmable	Dim to warm
Max. no. of lamps on B16A circuit breaker	420	Max. no. of lamps on C10A circuit breaker	200
Max. no. of lamps on C16A circuit breaker	420		
Photometric specifications			
Color temperature (CCT)	3000K-2000K	CRI/ R9	97/ >95(Min.)
Chromaticity coordinate (x/ y)	3000K: 0.440/ 0.403 2000K: 0.520/ 0.415	Standard deviation of colour	≤5 SDCM
Useful luminous flux (lm)	620lm ± 5%	Luminous efficiency (lm/W)	95lm/ W(ERP)

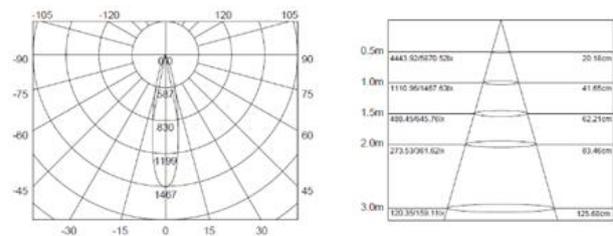
UGR ≤19

Photometric Information



EAN	Colour	Beam angle	Peak Luminous intensity
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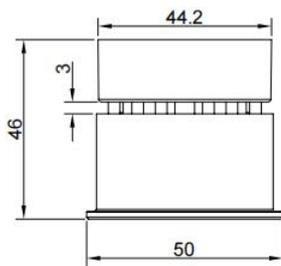
44031 Black 36° 1450cd



Mechanical specifications			
Housing material	Aluminium	Housing Colour	Black
Optical cover/ lens material	AlReflector+PC+Glass	Length/ diameter	50mm
Width/ diameter	44.2mm	Height	46mm
Product weight	160g		
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 temperature range	-20~+50°C	Storage temperature range	-20~+70°C
Package			
Individual package length	50mm	Individual package width	50mm
Individual package height	65mm	Gross weight (single item)	160g
Driver	Internal	Packaging unit	100pcs

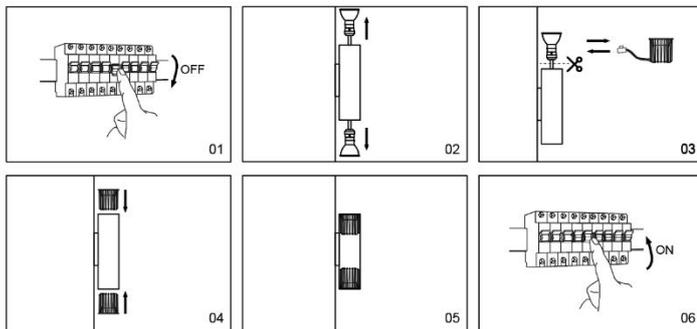
Shipping box length	580mm	Shipping box width	285mm
Shipping box height	185mm	Gross weight (Shipping box)	12kgs

Technical Drawings (mm)



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.

Replacement



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.