HALED Pro Module 9W 750lm CRI97 36° Dim to Warm 3000-2000K Outside Triac Driver

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*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 DALI or Both Trailling and Leading Phase Dimmer
- 9W HALED lamp replace 120W halogen lamp
- CRI 97, R9＞95
- Low UGR, high center light intensity
- Cold-forged process , excellent heat dissipation
- 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		
M90PU3WC120T9W-44071	Double wiring		
Electrical specifications			
Wattage (W)	9W	Power factor	>0.85
AC input voltage (V)	AC200V-240V	Current	40mA
Frequency (Hz)	50/60Hz	DC output voltage (V)	-
Ficker 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)	750lm± 5%	Luminous efficiency (lm/W)	95lm/ W(ERP)
UGR	≤19		

Photometric Information
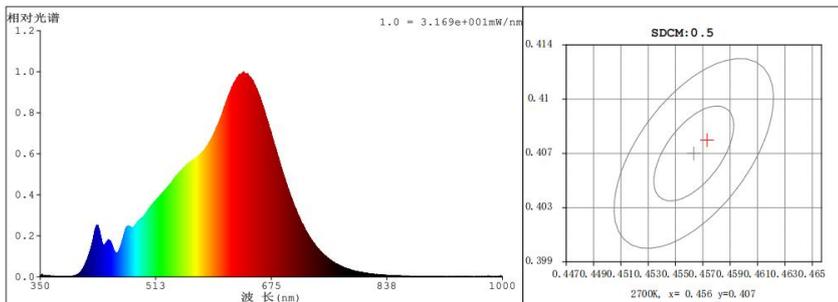
EAN	Colour	Beam angle	Peak Luminous intensity
44071	White	36°	1700cd
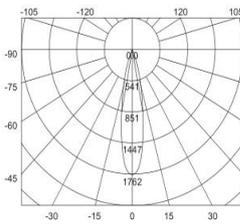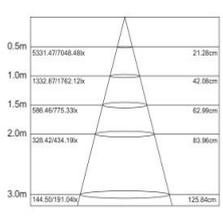
Mechanical specifications			
Housing material	Aluminium	Housing Colour	White
Optical cover/ lens material	AlReflector+PC+Glass	Length/ diameter	50mm
Width/ diameter	44.2mm	Height	30mm
Product weight	231.5g		
Lifespan			
Number of switching cycles	100,000-	L70/B50 service life at 25°C	50,000 hrs
L80/B10 service life at 25°C	40,000 hrs	L90/B10 service life at 25°C	20,000 hrs
Warranty	5 Years		
Application parameters			
Working temperatuer range	-20~+50℃	Storage temperature range	-20~+70℃
Package			
Individual package length	50mm	Individual package width	50mm
Individual package height	65mm	Gross weight (single item)	231.5g
Driver	Internal	Packaging unit	100pcs
Shipping box length	580mm	Shipping box width	285mm
Shipping box height	185mm	Gross weight (Shipping box)	12kgs

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Technical Drawings（mm）
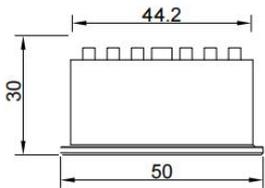
Please read the entire instruction manual before using the product and reserve it for future reference. We reserve the right for any error in text or image and any necessary change made to technical data. If you have any question regarding technical problems, please contact our Customer Services.

Replacement
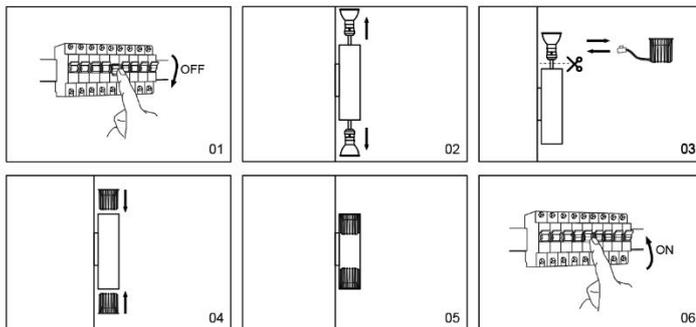
Cautions：

• 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.