

HALED Pro Module 9W 750lm CRI97 36° Dimmable 3000K Outside DALI Driver

CIVILIGHT

*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 Trailing 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
M90LU30P120T9B-44093	Double wiring

Electrical specifications	
Wattage (W)	9W
AC input voltage (V)	AC200V-240V
Frequency (Hz)	50/60Hz
Flicker metric PST	0.023
Total harmonic distortion (THD)	24%
Max. no. of lamps on B16A circuit breaker	420
Max. no. of lamps on C16A circuit breaker	420

Photometric specifications	
Color temperature (CCT)	3000K
Chromaticity coordinate (x/ y)	3000K: 0.440/ 0.403
Useful luminous flux (lm)	750lm $\pm$ 5%
UGR	≤ 19

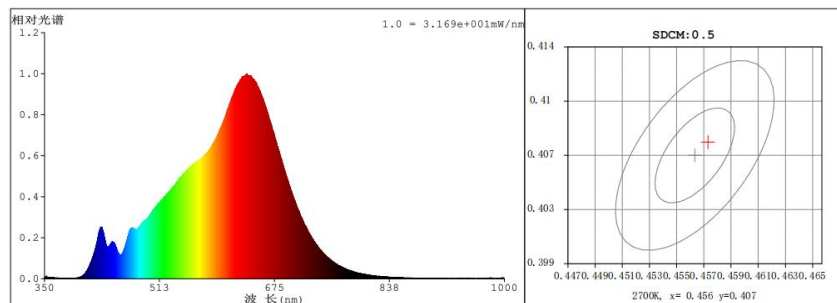
Power factor	> 0.85
Current	40mA
DC output voltage (V)	-
Stroboscopic effect metric SVN	0.25
Dimmable	Triac
Max. no. of lamps on C10A circuit breaker	200

CRI/ R9	97/ > 95 (Min.)
Standard deviation of colour	≤ 5 SDCM
Luminous efficiency (lm/W)	95lm/ W(ERP)

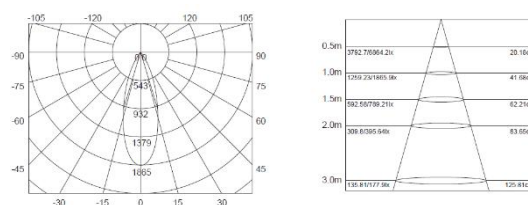
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Photometric Information

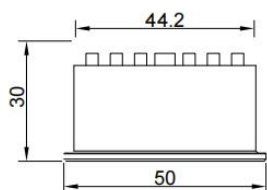


EAN	Colour	Beam angle	Peak Luminous intensity
44093	Black	36°	1800cd



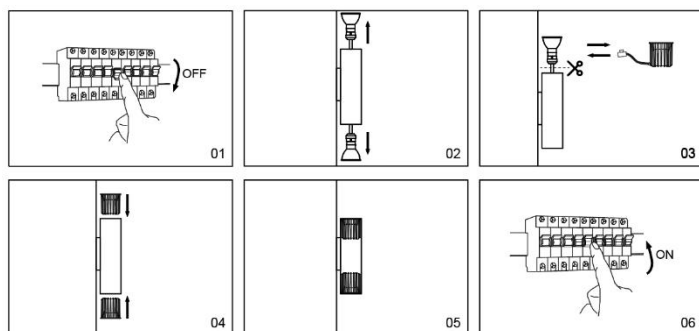
Mechanical specifications			
Housing material	Aluminium	Housing Colour	Black
Optical cover/ lens material	AlReflector+PC+Glass	Length/ diameter	50mm
Width/ diameter	44.2mm	Height	30mm
Product weight	230g		
Lifespan			
Number of switching cycles	100,000-	L70/B50 service life at 25°C	50,000 hrs
L80/B10 service life at 25°C	40,000 hrs	L90/B10 service life at 25°C	20,000 hrs
Warranty	5 Years		
Application parameters			
Working temperaturer 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)	230g
Driver	Internal	Packaging unit	100pcs
Shipping box length	580mm	Shipping box width	285mm
Shipping box height	185mm	Gross weight (Shipping box)	8kgs

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.