

TANÚSÍTVÁNY

Certificate



Tanúsítvány szám *Certificate No.*
HN 69290073

Oldal *Page*
0001

Jegyzőkönyv szám *Test Report No.*
50322680 001

Kiadás dátuma *Date of Issue*
2020-03-30

Tanúsítvány Tulajdonos *Certificate Holder*
Zhongshan Done Lighting Technology
Co., Ltd.
No.3-1&3-2, Kanglong 3rd Road
HENGLAN TOWN
Zhongshan
528478 Guangdong
P.R. China

Gyártóhely *Manufacturing Plant*
Zhongshan Done Lighting Technology
Co., Ltd.
No.3-1&3-2, Kanglong 3rd Road
HENGLAN TOWN
Zhongshan
528478 Guangdong
P.R. China

Vizsgálati Jel *Test Mark*



Tanúsítás alapjául szolgáló előírások *Tested according to*

EN 61347-2-13:2014+A1
EN 61347-1:2015
EN 62384:2006+A1

Tanúsított Termék *(Termék azonosítás)*
Certified Product (Product Identification)

Electronic controlgear for LED module (LED Driver)

Type Designation: DL-50W-V58x-MAP DL-50W-V38x-MAP
DL-75W-V58x-MAP DL-75W-V38x-MAP
DL-105W-V58x-MAP DL-105W-V38x-MAP
DL-150W-V58x-MAP DL-150W-V38x-MAP
DL-200W-V58x-MAP DL-200W-V38x-MAP

Ratings: AC 100-277V; 50/60Hz;
Independent SELV and outdoor use;

Trade Mark: DONE
(See further details in the Annex
of this Certificates)

Melléklet (Appendix): Annex 1

A tanúsítvány a fenti termék típusra vonatkozik. A tanúsítvány a TÜV Rheinland InterCert Kft. Vizsgálati, Ellenőrzési és Tanúsítási Szabályzatán alapszik. A tanúsított termék megfelel a fenti vizsgálati előírásoknak, a sorozatgyártása ellenőrzött. A fenti ENEC jel használatának joga engedélyezett a tanúsított terméken. Ezt az Engedélyt egy, a CENELEC Jelhasználati Bizottság ENEC egyezményt aláíró testület adta ki.

This certificate refers to the above mentioned product type. The certificate is based on the Testing, Inspection and Certification Regulation of TÜV Rheinland InterCert Kft. The certified product fulfils the above listed requirements and its manufacturing is subject to surveillance. The right to use the above ENEC mark is permitted on the certified product. This Licence has been established by a body which is signatory to the ENEC Agreement.

TÜV Rheinland InterCert Kft., MEEI Division - Product Certification
H-1132 Budapest, Váci út 48/A-B
www.tuv.com

Tanúsító Szervezet
Certification Body



Dipl.-Ing. Univ. S. O. Steinke

Validity of certificate can be checked on www.CERTIPEDIA.com

Annex to certificate No. HN 69290073 0001

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Type variations with ratings:

Model	Input Current (A)	Output voltage (Vdc)	Output Current (mA)	No-load voltage (Vdc)	Max. P _{rated} (W)
DL-50W-V58x-MAP	0.41	32-58	500-1200	70	50W (180-277V); 30W (100-150V)
DL-50W-V38x-MAP		20-38	700-1600	50	
DL-75W-V58x-MAP	0.8	32-58	900-1800	70	75W (180-277V); 45W (100-150V)
DL-75W-V38x-MAP		20-38	1300-2500	50	
DL-105W-V58x-MAP	0.7	32-58	1300-2500	70	105W (180-277V); 63W (100-150V)
DL-105W-V38x-MAP		20-38	1900-3500	50	
DL-150W-V58x-MAP	1.0	32-58	1800-3600	70	150W (180-277V); 90W (100-150V)
DL-150W-V38x-MAP		20-38	2800-5000	50	
DL-200W-V58x-MAP	1.4	32-58	2400-4800	80	200W (180-277V); 120W (100-150V)
DL-200W-V38x-MAP		20-38	3700-6700	55	

Remark:

1. "x" can be A or S. A means the product has no dimmer function; S means the product has dimmer function.
2. When x=S, the products have three types dimming function: 0-10V dimming, resistance dimming and PWM dimming.

Date of issue:

Budapest, 2020-03-30



Certification - checklist



Certificate # - Sheet #	HN 69290073 0001	Report # (optional)	50322680 001
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License Holder: Zhongshan Done Lighting Technology Co., Ltd.

Technical Certification:	<input checked="" type="checkbox"/>			Yes (see Attachment / Certificate DRAFT)
				No
	by			Guoping Zheng (in capital letters - legible)
Are following items fulfilled?	OK	Fail	N/A	Remarks / Checked documents
Blue sheet provided, all "MANDATORY" checks done, and all corresponding checklists provided?			<input checked="" type="checkbox"/>	
Product in the scope of certification body, laboratory, test engineer and reviewer?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> Certification Body (NCB, GS, Notified Body) <input checked="" type="checkbox"/> Laboratory <input checked="" type="checkbox"/> Tester <input checked="" type="checkbox"/> Reviewer
Product type printed on certificate DRAFT in all languages correct and as on the rating label?	<input checked="" type="checkbox"/>			
All Keywords as in draft certificates are covered by technical information as in project file?	<input checked="" type="checkbox"/>			
License fee units on certificate DRAFT in accordance with internal pricelist?	<input checked="" type="checkbox"/>			
Product information and Technical information printed on certificate DRAFT correct and sufficient?	<input checked="" type="checkbox"/>			
"Remarks" on certificate DRAFT correct and sufficient?	<input checked="" type="checkbox"/>			
List of safety relevant components provided?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> as Constructional Data Form (CDF)? <input checked="" type="checkbox"/> as part of Photo Documentation? <input checked="" type="checkbox"/> as part of Test Report? <input checked="" type="checkbox"/> Follow Up Documentation IPMS/ENOVIA
Test requirements applicable and sufficient? (e.g. §§ 3 (2) 1 – 4; 6; 21 ProdSG)				Yes No N/A
				EMC, provided? <input checked="" type="checkbox"/>
				EMF, provided? <input checked="" type="checkbox"/>
				LFGB, provided? <input checked="" type="checkbox"/>
				Noise, provided? <input checked="" type="checkbox"/>
				PAH compliant? <input checked="" type="checkbox"/>
				RoHS, provided? <input checked="" type="checkbox"/>
				Safety ? (e.g. 'CC' certificate) <input checked="" type="checkbox"/>
				Safety Data Sheet 1907/2006/EC <input checked="" type="checkbox"/>
Test requirements up-to-date and valid?	<input checked="" type="checkbox"/>			For GS: standard(s) listed in OJ, BAUA-webpage or ZLS webpage?
	<input checked="" type="checkbox"/>			e.g. does the construction allow, to be obviously used differently as laid down in user manual? If yes, additional standards shall be applied to cover additional hazards.
Test Reports complete?	<input checked="" type="checkbox"/>			Yes No N/A
				Equipment list (MTE), attached? <input checked="" type="checkbox"/> Other referenced attachments? <input checked="" type="checkbox"/>
Test results plausible? (e.g. MS-0022957, MS-0022421)	<input checked="" type="checkbox"/>			
External laboratory accredited or assessed? For GS, listed as subcontractor for GS or NoBo activities with relevant technical scope?			<input checked="" type="checkbox"/>	Yes No N/A
				Assessment report, attached? <input checked="" type="checkbox"/> If "No" why not? <input checked="" type="checkbox"/>
Test Report signed with DiSign acc. to MS-0032259?	<input checked="" type="checkbox"/>			If N/A why?
Factories inspected and up to date? (e.g. "FI database" or in CORE using "ZWFTAB") For GS last on-site(!) FI not older than 12 months!	<input checked="" type="checkbox"/>			Last inspection date or date of applied alternative measure, e.g. according to QMA TRLP MS-0023653 (yyyy-mm-dd): 2020-03-13
GS-mark: Instructions for use in German? DENAN: Instructions for use in Japanese? (GS Reference: Prod.SG § 3 and 6)	<input checked="" type="checkbox"/>			
Manufacturer's name or authorized representative or Importer and their addresses?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> on the product <input checked="" type="checkbox"/> on the packing <input checked="" type="checkbox"/> in the user manual / warranty card
Risk-/Safety-assessment prepared by manufacturer available and sufficient? (context: EC directive for Toys, Machinery, Medical, etc.)			<input checked="" type="checkbox"/>	

Certification - checklist



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Other aspects

N/A

- ☒ Certification is recommended
☐ Certification is not recommended
 (see "Other aspects")
☐ Certification is recommended with reservations
 (see "Other aspects")

2020-03-30

Date

Signature

(of Technical Certifier / Certifier)

Certification

by: Univ. S.O. Steinke

(in capital letters - legible)

Are following items fulfilled?	Ok	Fail	N/A	Remarks / checked documents
Product in scope of technical certifier / certifier?	✓			
General Agreement signed?	✓			2020-03-25
Co- / Trademark declaration(s) provided?	✓			2020-03-25
Application matches to content of certificate? (German: Zertifikat korreliert mit Auftrag?)	✓			
GS license: "Latest expiration date" acc. to page 1? EC-Type Examination Certificates: Expiry date?			✓	
CORE certificate set to status 14 "certified" ?	✓			

Other Aspects:

Certification decision is taken and

- ☒ Certification is carried out
☐ Certification is not carried out
 (see "Other Aspects")
☐ Certification is carried out with reservations
 (see "Other Aspects")

03.03.20

Date

Signature
(of Certifier)