

UK DECLARATION OF CONFORMITY

We:

Tungram Operations Kft.
Registered office: 1044 Budapest, Váci út 77. Hungary
Contact address: 1044 Budapest, Váci út 77. Hungary

as manufacturer, declare under our sole responsibility that the product:

Product family: **LED Mariner Premium G2**

Product identification: Listed in Appendix

Manufactured in: **China**

to which this declaration relates is in conformity with the relevant UK statutory requirements. References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared are as follows::

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ELECTRICAL AND PHOTOBIOLOGICAL SAFETY

Number, version, year of issue	Title
EN 60598-2-1:1989	Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires
EN 60598-1:2015, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-1:2015/AC:2017-05, EN 60598-1:2015/A1:2018	Luminaires - Part 1: General requirements and tests
EN 60598-2-24:2013	Luminaires - Part 2: Particular requirements - Section 24: Luminaires with limited surface temperatures
EN 62493:2015, IEC 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields

therefore it complies with the provisions of the following UK Statutory Instrument

UK S.I. 2016/1101.

ELECTROMAGNETIC COMPATIBILITY

Number, version, year of issue	Title
EN 55015:2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
EN IEC 61000-3-3:2013+A1:2019	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection
EN 61547:2009	Equipment for general lighting purposes - EMC immunity requirements

therefore it complies with the provisions of the following UK Statutory Instrument

UK S.I. 2016/1091.

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ROHS

Number, version, year of issue	Title
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

therefore it complies with the provisions of the following UK Statutory Instrument:

UK S.I. 2012/3032.

ECODESIGN

It complies with the provisions of the following UK Statutory Instrument:

UK SI 2021 No. 1095 and their amendments.

 (signature)

Lantos Ferenc (name)

Chief
Technology and
PM Officer (Title)

2021-11-25 (date) (YYYY-MM-DD)

Hungary (Country)

 (signature)

Dr Pilter József
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Regulatory
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2021-11-25 (date) (YYYY-MM-DD)

Hungary (Country)

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Appendix

Brand : Tungsram (TU)

Order logic

Internal Code	Space Holder	Range	Space Holder	Generation	Space Holder	Brand	Space Holder	Length
LED Mariner		PR=Premium		G2 = Generation 2		TU=TUNGSRAM		4' = 4ft
								5' = 5ft

Space Holder	Wattage	Space Holder	CRI	CCT	Space Holder	Controller	Special	Shipment
	17/33W		8 = 80 CRI	40 = 4000K		S = Static	ST	DS=Direct Shipment
	33/49W			65 = 6500K		D = DALI		
	49/59W							
	33W							
	51W							

Example: LED Mariner PR G2 TU 4' 33W 840 DST

Accessories

SKU or Internal ref#	Model identification (Monogramming)
A-1023939-01	LED Mariner PR G2 suspension kit