

EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

We (Mi):

	Tungsrám Operations Kft.
Registered office (bejegyzett székhely):	1044 Budapest, Váci út 77. Hungary
Contact address (kapcsolattartó cím):	1044 Budapest, Váci út 77. Hungary (1044 Budapest, Váci út 77. Magyarország)

as manufacturer, declare under our sole responsibility that the product (mint gyártó teljes felelősségünk tudatában kijelentjük, hogy a):

Product family (Termékcsalád): **Nobila LED Outdoor Luminaire**

Product identification (Termék azonosítók): Listed in Appendix (Mellékletben felsorolva)

Manufactured in (Gyártóhely): **Hungary (Magyarország)**

to which this declaration relates is in conformity with the following harmonized standard(s), the reference to which have been published in the Official Journal of the European Union and/or other relevant technical specifications (amelyre ez a nyilatkozat vonatkozik, megfelel a következő harmonizált szabványoknak, amelyek hivatkozásait közzétették az Európai Unió Hivatalos Lapjában és/vagy vagy egyéb vonatkozó műszaki előírásoknak):

EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)
ELECTRICAL AND PHOTOBIOLOGICAL SAFETY (ELEKTROMOS BIZTONSÁG ÉS EGÉSZSÉG)

Number, version, year of issue	Title
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 60598-2-3:2003, EN 60598-2-3:2003/A1:2011, EN 60598-2-3:2003/AC:2005	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting
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 EU Directive (ezáltal biztosítva a következő EU irányelvnek való megfelelést)

Directive 2014/35/EU (2014/35/EU irányelv).

ELECTROMAGNETIC COMPATIBILITY (ELEKTROMÁGNESES KOMPATIBILITÁS)

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 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
EN 61000-3-3:2013	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 EU Directive (ezáltal biztosítva a következő EU irányelvnek való megfelelést)

Directive 2014/30/EU (2014/30/EU irányelv).

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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
EN 50581:2012	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 EU Directive (ezáltal biztosítva a következő EU irányelvnek való megfelelést):

Directive 2011/65/EU (2011/65/EU irányelv).

ECODESIGN

It complies with the provisions of the following EU Directives (Megfelel a következő EU irányelveknek):

Directive 2009/125/EC (2009/125/EC irányelv) and (és) its implementing Regulation (EU) 2019/2020 and their amendments (annak végrehajtási rendelete (EU) 2019/2020 és módosításai).

This declaration is valid from (A deklaráció érvényes): 2021-09-01

 (signature)

(name)

HEAD OF PRODUCT MANAGEMENT
HUJBER KATALIN

(Title)

2021-08-19

(date) (YYYY-MM-DD)

Hungary

(Country)

 (signature)

(name)

Lantos Ferenc
Head of PM & Director

(Title)

2021-08-19

(date) (YYYY-MM-DD)

Hungary

(Country)

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Appendix (Melléklet)

Product list

Brand / Márkanév: Tungsram (TU)

Code	Name	Generation	Optics	Power (W)*****	CCT (K)	Control**
	NBL - Nobila	1	CC - circular C	20 - 90	2,7 - 2700K	N - No Control
			CE - circular E		3 - 3000K	D - DALI
			CF - circular F		4 - 4000K	Yx - Dynadim
			AC - asymmetric C			NL - Constant Light Output
			AE - asymmetric E			DL - DALI with CLO
			AF - asymmetric F			YLx - Dynadim with CLO
			AH - asymmetric H			
			SC - symmetric C			
			SE - symmetric E			
			SF - symmetric F			

Accessories	IEC Protection Classes***	Precabing*	Mounting	Color****	Customer *****
ST - Standard	1 - Class I	Px - x meter	P48 - post top 48 mm	9005 - RAL 9005	XXX
LS - NEMA socket	2 - Class II		P60 - post top 60 mm	XXXX - spec	SWE
SP - Enhanced Surge Protection			P76 - post top 76 mm		
LP - NEMA socket + SP					

* Min. 1 meter and Max. 9 meter

** x can be up to 3 characters

*** NEMA socket (LS or LP) and SWE is not valid with Class II IEC protection

**** Leave it blank if it is R9005

***** Power consumption of luminaire can be programmed by the manufacturer in 1W steps within the range (20-90). It can differ from the rated power marked on the data label. Ta values depends on performance: 20-60W Ta=50°C, 61-80W Ta=35°C, 81-90W Ta=25°C.

***** Optional customer/project specific product identifier. It has no impact on technical features except in case of the SWE (Sweden specific tail and shorting cap are part of the product). Leave it blank if it is standard.