

**EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)**

We (Mi):

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

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

Product family (Termékcsalád): **Inlumino Size L Outdoor Luminaire/  
Inlumino Size L Kültéri Lámpatest**

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 <math>\leq 16\text{ A}</math> 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 <math>\leq 16\text{ A}</math> 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)

**HEAD OF PRODUCT MANAGEMENT** (name)  
HUIJBER KATALIN

\_\_\_\_\_ (Title)

2021-08-19 (date) (YYYY-MM-DD)

Hungary (Country)

 (signature)

**- Lantos Ferenc** (name)  
Head of PM & Director of Technology

\_\_\_\_\_ (Title)

2021-08-19 (date) (YYYY-MM-DD)

Hungary (Country)

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## Appendix (Melléklet)

 Brand / Márkanév: *Tungsrám (TU)*

Code	Name	Generation	-	Nominal lumen (lm) <sup>(1)</sup>	Optics <sup>(2)</sup>	CCT (K)	-	Option list	Accessories
		INL	1	-	25000	AAA	727 - 2700K 70 CRI	-	S - Standard
				27500	BBB	730 - 3000K 70 CRI	-	N <sup>(3)</sup> - NEMA	FU - Fuse
				30000	CCC	740 - 4000K 70 CRI	-	E <sup>(4)</sup> - ECO	SP - Enhanced surge protection
				32500	DDD	750 - 5000K 70 CRI	-	J <sup>(5)</sup> - JAVNA / SDM	FS - Fuse + extra surge protection
				35000	EEE				
				37500	FFF				
				40000	GGG				
					JJJ				

Control	-	IEC Protection Classes	Precabbling	Mounting	-	Color	Customer
N - No control	-	C1 - Class I	N - No precabbling	U48 - Universal 30-48mm	-	R7021	XX <sup>(7)</sup>
D - DALI external	-	C2 - Class II	Pxx - Precabbling <sup>(6)</sup>	U60 - Universal 42-60mm			
Yxx - Dynadim <sup>(6)</sup>				U76 - Universal 60-76mm			
NLxx - Constant Light <sup>(6)</sup>							
DLxx - DALI+CLO <sup>(6)</sup>							
YLxx - Dynadim+CLO <sup>(6)</sup>							

E - Eco (precable + driver) No geartray, can't be opened

S - Toolless option as standard (disconnecter + driver on geartray)

N- Smart ready (disconnecter + driver on geartray + SVP + NEMA socket)

J - toolless option with SDM tray (disconnecter + driver on geartray + SDM tray)

(1): Lumen output of the Luminaire can be programmed by the manufacturer in 100lm steps within the marked range

(2): all symmetric optic combinations are valid eg. ABA, but ABC is not

(3): N from option list is only available with SP&FS from accessories

(4): E from option list is only available with the NO from accessories

(5): J from option list is only available on customer request, only in ClassI protection

(6): x is integer number 0..9

(7): xx is customer code 0..99

**EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)**

IP/IK rating: E (ECO) and S (Standard) and J(JAVNA) types are IP66 / IK09.  
N (NEMA) types are IP66 / IK08.

**Nominal lumen**

(1): Within a luminaire family any new lumen value is valid which is between the lowest and highest value. Please request a project specific SKU.

Lumen output of the Luminaire can be programmed by the manufacturer in 100lm steps within the marked range

**Optics**

(2): All symmetric lens combinations are valid. Eg ABA, ACA. Non symmetric combinations are invalid Eg, ABC is not a valid combination.

**Option list**

S - Standard option. This version comes with the toolless opening feature and the toollessly replaceable geartray. All accessory combinations are valid with this option.

N - NEMA socket option. This version comes with the toolless opening feature and the toollessly replaceable geartray and an extra surge protector to protect your smart devices. Only the fuse can be chosen from the accessory list for this option.

E- Eco version. This version comes with a precable and can not be opened. Parts are non-user replaceable. All accessory combinations are invalid for this option.

J- JAVNA / SDM option. This version comes with the toolless opening feature and the toollessly replaceable geartray and also added SDM geartray. All accessory combinations are valid with this option.

(7): x is integer number 0..9

**Precabing**

S, N and J options by default comes without a precable. This option is available on customer request. E option comes with a precable by default, no precabing option is invalid.

**Color**

Leave it blank if it is RAL7021

**Customer**

Leave it blank if it is standard. Construction is not affected only customer identification purpose. XX = 00-99