



## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

We (Mi):

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

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

Product family (Termékcsoport): **LED Track Spot (ADV & LUX series)**

Product identification (Termék megjelölése): **Listed in Appendix** (mellékletben felsorolva)

Manufactured in (Gyártóhely): China

to which this declaration relates, hereinafter product is in conformity with the following harmonized standard(s) references of 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:

### ELECTRICAL AND PHOTOBIOLOGICAL SAFETY

Standard No/Specification	Title
EN 60598-1:2015	Luminaires – Part1: General requirements and tests
EN 60598-2-1:1989	Luminaires – Part 2: Particular requirements – Section 1: Fixed general purpose luminaires
EN 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 62471:2008	Photobiological safety of lamps and lamp systems.

therefore it complies with the provisions of the following EU Directive (ezáltal biztosítva a következő EU irányelvnek való megfelelést)

**Directive 2014/35/EU.**



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**ELECTROMAGNETIC COMPATIBILITY**

Standard No/Specification	Title
EN 55015:2013+A1:2015 (ADV series only)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 55015:2013 (LUX series only)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61000-3-2:2014	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC). 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.**

**ROHS**

The product complies with the provisions of the following EU Directive (A termék megfelel a következő EU irányelvnek)

**DIRECTIVE 2011/65/EU** including all applicable amendments.

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### ECODESIGN

The product complies with the provisions of the following EU Directive/Regulation (A termék megfelel a következő EU irányelvnek/rendeletnek)

**Directive 2009/125/EC** and its implementing Regulation **1194/2012/EU** including all applicable amendments.

Kovács Zoltán (signature)

Zolt Kovács (name)

Product line leader (Title)

2019-05-15 (date) (YYYY-MM-DD)

Hungary (Country)

Gábor Ardó (signature)

Gábor Ardó (name)

Product Manager (Title)

2019-05-15 (date) (YYYY-MM-DD)

Hungary (Country)

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## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

### Appendix (Melléklet)

Brand / Márkanév: Tungsrám (TU)

ADV SKU logic:

Internal Code	Space Holder	Range	Space Holder	CRI	CCT	Space Holder	Power	Space Holder	Controller	Space Holder	Beam angle	Space Holder	Finishing
LED Track		Spot ADV = Smarter		9 = 90 CRI	30 = 3000 K		21W		S = Static		20D		WT = White
					40 = 4000 K		30W				25D		BK = Black
							39W				40D		
											55D		

LUX SKU logic:

Internal Code	Space Holder	Range	Space Holder	CRI	CCT	Space Holder	Power	Space Holder	Controller	Space Holder	Beam angle	Space Holder	Finishing
LED Track		Spot LUX = Waterdrop		9 = 90 CRI	30 = 3000 K		11W		S = Static		20D		WT = White
					40 = 4000 K		22W				25D		BK = Black
							32W				40D		
							36W				55D		

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## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

### Accessory list:

Lens:
<b>Both</b>
LED Track Lens ADV/LUX M 20D 10PC
LED Track Lens ADV/LUX M 25D 10PC
LED Track Lens ADV/LUX M 40D 10PC
LED Track Lens ADV/LUX M 55D 10PC
<b>ADV only</b>
LED Track Lens ADV L 20D 10PC
LED Track Lens ADV L 25D 10PC
LED Track Lens ADV L 40D 10PC
LED Track Lens ADV L 55D 10PC
<b>LUX only</b>
LED Track Lens LUX L 25D 10PC
LED Track Lens LUX L 40D 10PC
LED Track Lens LUX L 55D 10PC

Accessories (ADV only):
LED Track ADV Trackmount pendant M WT
LED Track ADV Trackmount pendant M BK
LED Track ADV Surface mount spot M WT
LED Track ADV Surface mount spot M BK
LED Track ADV Surface mount pendant M WT
LED Track ADV Surface mount pendant M BK

Accessories (LUX only):
LED Track LUX Honeycomb M WT 10PC
LED Track LUX Honeycomb M BK 10PC
LED Track LUX Honeycomb L WT 10PC
LED Track LUX Honeycomb L BK 10PC
LED Track LUX Barndoor M WT 10PC
LED Track LUX Barndoor M BK 10PC
LED Track LUX Barndoor L WT 10PC
LED Track LUX Barndoor L BK 10PC