TAKTON

TAKTON OÜ · Savi tn 7, Pärnu 80041, Estonia · www.takton.ee

EU Declaration of Conformity

in accordance with Regulation (EC) No 765/2008, Annex III

1. PRODUCT

Product family / platform	HELSINKI DCS300
Product description	Catenary LED luminaire for suspended installation on a tensioned cable, for streets, pedestrian zones, city centres, squares, parks, promenades, historical areas and other urban public spaces
Manufacturer	TAKTON OÜ, Savi tn 7, Pärnu 80041, Estonia
Document No.	TAKTON-DOC-DCS300-001, rev 1.0

2. OBJECT OF THE DECLARATION – COVERED PLATFORM

This declaration covers the HELSINKI DCS300 platform as a whole – all power/flux tiers, colour temperatures, optic types and control configurations of this model family – rather than listing each individual order code. The specific configuration is identified by its model designation and configuration suffix on the product label and delivery documentation.

Model designation	DCS300, catenary (suspended cable-mounted) luminaire with adjustable mounting bracket
Luminous flux range	2 050 – 13 300 lm
Power range	13 – 73 W
System efficacy	158 – 183 lm/W
Colour temperature	4000 K or 3000 K
Colour rendering	CRI ≥ 70
Light distribution	Asymmetric
Optic types	Two lens/optic variants (designated TW1 and TC1 in the order-code range)
Rated supply voltage	220 – 240 V AC, 50–60 Hz (typical TAKTON AC-mains platform – see note below)
Protection class	Class I
Ingress protection	IP66
Impact resistance	IK09
Housing	Robust aluminium, RAL 7035 or DB703
Installation	Catenary – suspended on a tensioned cable, with adjustable mounting bracket
Control interface	On/off (most configurations); Zhaga D4i interface with DALI on at least one listed configuration – see note below
Warranty period	5 years

Note: *This declaration is prepared from the manufacturer's product overview page (takton.ee) rather than a full technical datasheet. Exact input voltage and driver brand/model are not stated on that page; the typical TAKTON AC-mains value – 220–240 V AC, 50–60 Hz – is shown as the platform default, consistent with the manufacturer's other outdoor luminaire ranges, but should be confirmed against the full technical datasheet before formal issue.*

Note: *At least one listed configuration is fitted with a Zhaga D4i interface alongside DALI. A Zhaga D4i interface is a passive mechanical/electrical connection standard for smart lighting nodes and does not, by itself, constitute radio equipment. Any plug-in wireless control/sensor node fitted to the Zhaga D4i interface is a separate product placed on the market with its own Declaration of Conformity under the Radio Equipment Directive 2014/53/EU (EU) / the Radio Equipment Regulations 2017 (UK).*

3. APPLICABLE UNION LEGISLATION

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU as amended by Directive (EU) 2015/863
- Ecodesign Regulation (EU) 2019/2020 and Energy Labelling Regulation (EU) 2019/2015 (light source obligations)

4. HARMONISED STANDARDS APPLIED

Safety (LVD):

- EN 60598-1:2015 + A1:2018 – Luminaires: general requirements and tests
- EN 60598-2-3:2002 + A1:2011 – Particular requirements: luminaires for road and street lighting

Electromagnetic compatibility (EMC):

- EN 55015:2019 + A11:2020 – Radio disturbance characteristics of electrical lighting
- EN 61547:2009 – Immunity requirements for general lighting equipment
- EN IEC 61000-3-2:2019 – Limits for harmonic current emissions
- EN 61000-3-3:2013 + A1:2019 – Voltage changes, fluctuations and flicker

Hazardous substances (RoHS):

- EN IEC 63000:2018 – Assessment of electrical and electronic products with respect to the restriction of hazardous substances

5. DECLARATION

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation listed in Section 3 and bears the CE marking accordingly.

Signed for and on behalf of TAKTON OÜ:

Valery Nechaev
Managing Director
Pärnu, Estonia · January 2026