OUTDOOR · STREET LIGHTING

# DCS300 HELSINKI

Catenary luminaire for suspended installation on a tensioned cable — for urban areas where pole-mounted lighting is not suitable.

| 13–73 W | 158–183 lm/W | IP66 | IK09 | 36 |
|---|---|---|---|---|
| POWER | EFFICACY | INGRESS | IMPACT | ARTICLES |

TAKTON lighting

PRODUCT FAMILY

# DCS300 HELSINKI

Catenary luminaire is designed for suspended installation on a tensioned cable, providing an efficient solution for urban areas where traditional pole-mounted lighting is not suitable. Robust aluminium housing, adjustable mounting bracket and modern LED technology ensure reliable operation, high lighting efficiency and easy installation.

Applications: streets, pedestrian zones, city centres, squares, parks, promenades, historical areas and other urban public spaces.

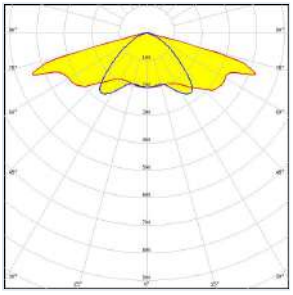
## PUBLISHED FAMILY DATA

| | |
|---|---|
| Power range | **13–73 W** |
| Luminous flux | **2050–13 300 lm** |
| System efficacy | **158–183 lm/W** |
| Colour temperature | **3000 K / 4000 K** |
| Colour rendering | **Ra ≥ 70** |
| Light distribution | **Asymmetric** |
| Protection / impact | **IP66 · IK09** |
| Protection class | **I** |
| Control | **Zhaga D4i, DALI** |
| Housing colours | **RAL 7035, DB703** |

## TYPICAL APPLICATIONS

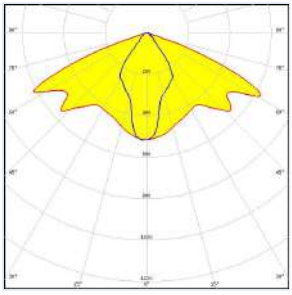
Streets · Pedestrian zones · City centres · Squares · Parks · Promenades · Historical areas · Urban public spaces

## TWO CATENARY OPTICS



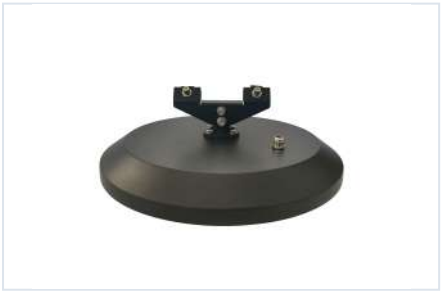
### TW1 — catenary wide

Broad spread across the carriageway from one cable run. Photometric file C14750. Articles 600151001001–018.



### TC1 — catenary narrow

The same flux over a tighter width, for streets and lanes. Photometric file C15217. Articles 600151001019–036.



Adjustable two-clamp bracket sets the tilt on the cable.

Cable gland sits clear of the bracket for straight through-wiring.

Low round body keeps wind load and visual mass down.

# Article numbers

**Designation key.** DCS300 · flux · power · 740 = Ra 70 / 4000 K, 730 = Ra 70 / 3000 K · I = protection class · TW1 or TC1 = optic · CAT = catenary mounting · IC0 / IC1 = control code as issued. Every article is IP66, IK09, asymmetric, Zhaga D4i and DALI, in RAL 7035 or DB703.

## TW1 — CATENARY WIDE

| EOC | LM | W | LM/W | K |
|---|---|---|---|---|
| **600151001001** | 2200 | 13 | 169 | 4000 |
| **600151001002** | 2050 | 13 | 158 | 3000 |
| **600151001003** | 3700 | 22 | 168 | 4000 |
| **600151001004**[1] | 3700 | 22 | 168 | 3000 |
| **600151001005**[2] | 4900 | 28 | 175 | 4000 |
| **600151001006** | 4800 | 29 | 166 | 3000 |
| **600151001007** | 5900 | 34 | 174 | 4000 |
| **600151001008** | 5700 | 34 | 168 | 3000 |
| **600151001009** | 7650 | 42 | 182 | 4000 |
| **600151001010** | 7350 | 42 | 175 | 3000 |
| **600151001011** | 8900 | 50 | 178 | 4000 |
| **600151001012** | 8550 | 50 | 171 | 3000 |
| **600151001013** | 9600 | 53 | 181 | 4000 |
| **600151001014** | 9200 | 53 | 174 | 3000 |
| **600151001015** | 11500 | 63 | 183 | 4000 |
| **600151001016** | 11200 | 63 | 178 | 3000 |
| **600151001017** | 13300 | 73 | 182 | 4000 |
| **600151001018** | 12900 | 73 | 177 | 3000 |

## TC1 — CATENARY NARROW

| EOC | LM | W | LM/W | K |
|---|---|---|---|---|
| **600151001019** | 2200 | 13 | 169 | 4000 |
| **600151001020** | 2050 | 13 | 158 | 3000 |
| **600151001021** | 3700 | 22 | 168 | 4000 |
| **600151001022**[1] | 3700 | 22 | 168 | 3000 |
| **600151001023**[2] | 4900 | 28 | 175 | 4000 |
| **600151001024** | 4800 | 29 | 166 | 3000 |
| **600151001025** | 5900 | 34 | 174 | 4000 |
| **600151001026** | 5700 | 34 | 168 | 3000 |
| **600151001027** | 7650 | 42 | 182 | 4000 |
| **600151001028** | 7350 | 42 | 175 | 3000 |
| **600151001029** | 8900 | 50 | 178 | 4000 |
| **600151001030** | 8550 | 50 | 171 | 3000 |
| **600151001031** | 9600 | 53 | 181 | 4000 |
| **600151001032** | 9200 | 53 | 174 | 3000 |
| **600151001033** | 11500 | 63 | 183 | 4000 |
| **600151001034** | 11200 | 63 | 178 | 3000 |
| **600151001035** | 13300 | 73 | 182 | 4000 |
| **600151001036** | 12900 | 73 | 177 | 3000 |

**Notes.**
**1** Articles 600151001004 and 600151001022 carry control code IC1; all other articles are IC0.
**2** Articles 600151001005 and 600151001023 are published at 28 W; their designation string reads 29 W.

**Data still to be published.** Dimensions, net weight, supply voltage, driver data, ambient temperature range, lumen maintenance, warranty and environmental figures are not yet published for this family. They are listed as to be supplied on the datasheets rather than estimated.