

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** HOFTRONIC

**Supplier's address:** HOF Trading Support, Fahrenheitstraat 11, 6003 DC Weert Limburg, NL

**Model identifier:** 5420160

## Type of light source:

|                                                     |                 |                                 |      |
|-----------------------------------------------------|-----------------|---------------------------------|------|
| Lighting technology used:                           | LED             | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Integrated LEDs |                                 |      |
| Mains or non-mains:                                 | MLS             | Connected light source (CLS):   | Yes  |
| Colour-tuneable light source:                       | Yes             | Envelope:                       | -    |
| High luminance light source:                        | No              |                                 |      |
| Anti-glare shield:                                  | No              | Dimmable:                       | Yes  |

## Product parameters

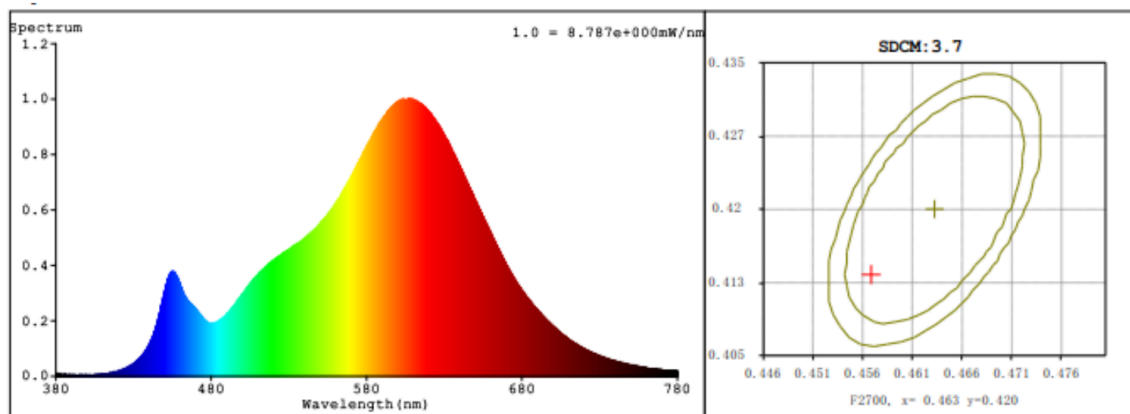
| Parameter                                                                                                                                      | Value                | Parameter                                                                                                                                                  | Value                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                             |                      |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                  | 6                    | Energy efficiency class                                                                                                                                    | G                      |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 345 in Sphere (360°) | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set | 2 700                  |
| On-mode power ( $P_{on}$ ), expressed in W                                                                                                     | 5,5                  | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal                                                                               | 0,50                   |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal                                                | 0,50                 | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set                                                         | 80                     |
| Outer dimensions without separate control gear, lighting control                                                                               | Height               | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                | Width                |                                                                                                                                                            |                        |
|                                                                                                                                                | Depth                |                                                                                                                                                            |                        |

|                                                                                                                         |      |                                       |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------|--|
| parts and non-lighting control parts, if any (millimetre)                                                               |      |                                       |                |  |
| Claim of equivalent power <sup>(a)</sup>                                                                                | -    | If yes, equivalent power (W)          | -              |  |
|                                                                                                                         |      | Chromaticity coordinates (x and y)    | 0,463<br>0,420 |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |  |
| R9 colour rendering index value                                                                                         | 12   | Survival factor                       | 1,00           |  |
| the lumen maintenance factor                                                                                            | 0,95 |                                       |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                       |                |  |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,50 | Colour consistency in McAdam ellipses | 6              |  |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | -(b) | If yes then replacement claim (W)     | -              |  |
| Flicker metric (Pst LM)                                                                                                 | 1,0  | Stroboscopic effect metric (SVM)      | 0,4            |  |

(a) '-': not applicable;

(b) '-': not applicable;

## Attachment 1: Photometric test record



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4566$   $y = 0.4135$  /  $u' = 0.2591$   $v' = 0.5280$  ( $duv=1.35e-03$ )

CCT= 2768K Prcp WL: Ld=583.4nm Purity=61.2%

Peak WL: Lp=607nm FWHM: =120.2nm Ratio:R=24.7% G=72.9% B=2.4%

Render Index: Ra = 83.8 AvgR = 78.9

EEL: 0.13660 A+

R1 =83 R2 =93 R3 =95 R4 =82 R5 =83 R6 =93 R7 =83

R8 =60 R9 =12 R10=84 R11=82 R12=76 R13=85 R14=98 R15=75

### Photometric & Radiometric Parameters

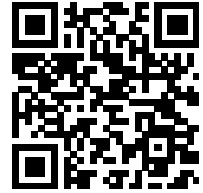
Flux = 408.24 lm Eff. : 79.10 lm/W Fe = 1.2671 W

### Electrical parameters

V = 230.47 V I = 0.04363 A P = 5.161 W PF = 0.5132 F=49.99 Hz

Kdisp(IEC) = 0.8592

Model placed on the Union market from 16/05/2022



**EPREL registration number:** 1558517

<https://eprel.ec.europa.eu/qr/1558517>

**Supplier:** HOF Trading B.V. (Manufacturer)

**Website:**

**Customer care service:**

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