

# 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:** 5426100

**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:                                 | NMLS            | Connected light source (CLS):   | No   |
| Colour-tuneable light source:                       | No              | 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                                                                  | 7                    | Energy efficiency class                                                                                                                                    | F                      |
| 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°) | 560 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 | 3 000                  |
| On-mode power ( $P_{on}$ ), expressed in W                                                                                                     | 5,6                  | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal                                                                               | 0,00                   |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal                                                | -                    | 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) | 0,444<br>0,406 |  |
| <b>Parameters for LED and OLED light sources:</b>         |      |                                    |                |  |
| R9 colour rendering index value                           | 1    | Survival factor                    | 1,00           |  |
| the lumen maintenance factor                              | 0,97 |                                    |                |  |

(a) : not applicable;

(b) : not applicable;

**S59B-303H0303-0900GB 300mA**

Chromaticity coordinates:  $x=0.4441$   $y=0.4055$   $u(u')=0.2546$   $v=0.3487$   $v'=0.5230$   
CCT:  $T_c=2894K$  ( $duv=-0.00036$ ) Color Ratio:  $R=0.235$   $G=0.737$   $B=0.028$   
Peak Wavelength: 603.3nm Half Bandwidth: 115.6nm  
Dominant Wavelength: 583.4nm Color Purity: 0.550  
Central Wave: 597.1nm Gravity Wave: 599.1nm  
CRI:  $R_a=80.8$  TM30:  $R_f=83$   $R_g=92$   
GAI:  $GAI\_BB\_8=91.0$ ,  $GAI\_BB\_15=100.5$ ,  $GAI\_EES=49.6$   
 $R1=80$   $R2=92$   $R3=93$   $R4=77$   $R5=80$   $R6=92$   $R7=78$   $R8=54$   
 $R9=1$   $R10=83$   $R11=75$   $R12=72$   $R13=83$   $R14=97$   $R15=72$   
Color Quality Scale:  $Q_a=81.2$ ,  $Q_f=83.2$ ,  $Q_p=81.4$ ,  $Q_g=88.5$   
 $Q1=77$   $Q2=93$   $Q3=85$   $Q4=78$   $Q5=79$   $Q6=80$   $Q7=82$   $Q8=86$   
 $Q9=94$   $Q10=91$   $Q11=86$   $Q12=83$   $Q13=81$   $Q14=71$   $Q15=73$

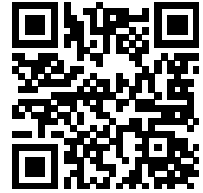
**Photometric Parameters**

Luminous Flux: 315.25 lm Efficiency: 114.22 lm/W Radiant Power: 0.956 W  
Total mains efficacy: 114.22 lm/W Energy Efficiency Class: E (EU 2019/2015)

**Electric Parameters**

Voltage: 9.2046V Current: 0.2999A Power: 2.76W  
Power Factor: 1.0000 Frequency: 0.00Hz

Model placed on the Union market from 20/12/2019



**EPREL registration number:** 1582945

<https://eprel.ec.europa.eu/qr/1582945>

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

**Website:**

**Customer care service:**

**Name:** HOF Trading Support

**Website:** [www.hoftronic.com](http://www.hoftronic.com)

**Email:** [info@hoftrading.com](mailto:info@hoftrading.com)

**Phone:** +31 (0)85 401 0382

**Address:**

Fahrenheitstraat 11  
6003 DC Weert  
Netherlands