

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: 486409

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux (ϕ_{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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,444 0,406	
Parameters for LED and OLED light sources:				
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: $Q_a=81.2$, $Q_f=83.2$, $Q_p=81.4$, $Q_g=88.5$
 $Q1=77$ $Q2=93$ $Q3=85$ $Q4=78$ $Q5=79$ $Q6=80$ $Q7=82$ $Q8=86$
 $Q9=94$ $Q10=91$ $Q11=86$ $Q12=83$ $Q13=81$ $Q14=71$ $Q15=73$

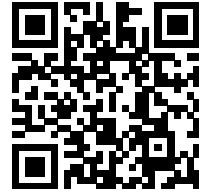
**Photometric Parameters**

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: 1583349

<https://eprel.ec.europa.eu/qr/1583349>

Supplier: HOF Trading B.V. (Manufacturer)

Website:

Customer care service:

Name: HOF Trading Support

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