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, Snellius 1, 6422 RM Heerlen Limburg, NL

Model identifier: 514591

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	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	5	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	400 in Narrow cone (90°)	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	4 000
On-mode power (P_{on}), expressed in W	4,8	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
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	54	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	50		
Outer dimensions without separate control gear, lighting control — Depth	54		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	50
			Chromaticity coordinates (x and y)	0,380 0,381
Parameters for directional light sources:				
Peak luminous intensity (cd)		807	Beam angle in degrees, or the range of beam angles that can be set	38
Parameters for LED and OLED light sources:				
R9 colour rendering index value		2	Survival factor	0,90
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		1,00	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)	0,0

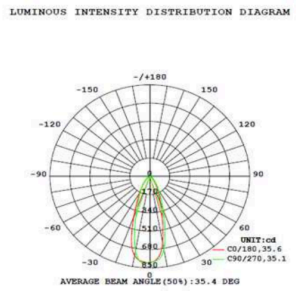
[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Appendix-Test Data Sheet

5.3 Light Distribution Measurements

Model: PAR16-5W-4000K



6.3 Zonal Lumen Summary and Percentages

Zone	Lumens (lm)	% Luminaire (%)
PAR16-5W-4000K		
0-30	312.5	69.6
0-45	398.9	88.9
0-60	432.0	96.2
0-90	449.1	100.0

7.3 Beam Angle

Item	Result
PAR16-5W-4000K	
Beam Angle	35.4
Peak Intensity	807.3cd

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EPREL registration number: 1583876 Model placed on the Union market from 02/06/2020.	https://eprel.ec.europa.eu/qr/1583876

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

Customer care service:

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