

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: 4406479

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	38	Energy efficiency class	D
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°)	5 320 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	6 500
On-mode power (P_{on}), expressed in W	38,0	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	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)	0,313 0,337	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	1,00	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,98	Colour consistency in McAdam ellipses	2	
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)	0,1	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Nominal Data

款号 item No.	MK-020011004553	Product Picture
LEDVISON item No.	4406479	
Name	LED Batten	
电压Voltage (V)	220-240V	
瓦数Watt (W)	38W	
底座Socket	N	
电流mA	178	
频率Frequency (Hz)	50/60	
有效光通量Φ _{lm} nominal	5320lm	
EELI class	D	
Pon of the light source	38W	
Pnet of the light source if applicable	N	
Size of the control gear	N	
Light Source changeable for consumer (Y/N)	N	
Light Source changeable for professional (Y/N)	N	
Exploding Drawing how to remove Light Source	N	
MLS oder NMLS	MLS	
DLS or NDLS	NDLS	
Chromaticity coordinates (x,y) 1)	6500K (0.313,337)	
测试时间从XX到XX 2) Date (from XX until XX)	2022.5.15 to 2022.10.14	



Test item 测试项目	Measured Values 测试数据										Average 平均值	Limit 限度	Remark 备注
Sample: 样品数量	1	2	3	4	5	6	7	8	9	10			
U (V) 电压	230	230	230	230	230	230	230	230	230	230	230.0		
I (mA) 电流	178	178	178	178	178	178	178	178	178	178	178.0		
P (W) 功率	37.61	37.54	36.98	36.72	37.26	37.49	37.11	37.23	36.96	37.63	37.3		
candela 发光强度	/	/	/	/	/	/	/	/	/	/	/		
Beam angle 光束角	/	/	/	/	/	/	/	/	/	/	/		
DF (cos φ ₁) 150°灯杆效率	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	≥ 0.9	
Φ _{lm} (lm) ¹⁾ - whole luminaire 有效光通量-整灯	5465	5570	5436	5392	5439	5385	5447	5426	5356	5401	5431.7		whole luminaire 整灯
CCT (K) 色温	6514	6537	6455	6526	6569	6478	6550	6429	6512	6471	6504		
CRI ¹⁾ 显色指数	83	82	82	82	83	83	83	82	82	82	82.4	≥ 80 ³⁾	
Color consistency ²⁾ 颜色一致性	0.5	1	2.6	2	3.1	1.8	1.6	2.1	1.9	3	2.0	≤ 6-step	
SF @ 3000h ^{2,3)} 工作3000h寿命率	5	5	5	5	5	5	5	5	5	5	SF:100%	≥90%	
Φ _{lm} @ 3000h ⁴⁾ (lm) 工作3000h有效光通量	5240	5341	5213	5171	5221	5161	5223	5200	5136	5179	5206.5		
X _{LMF} @ 3000h ²⁾ 寿命3000h显色指数	0.959	0.959	0.959	0.959	0.960	0.958	0.959	0.958	0.959	0.959	0.9589	≥XLMF.MIN% (95.81)	
lifetime 寿命	25000	25000	25000	25000	25000	25000	25000	25000	25000	25000	25000.0		
Flicker ^{1,2)} 频闪	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.006	0.007	0.006	0.006	Pst LM ≤ 1.0 at full-load	
Stroboscopic effect 1)2) 频闪效应	0.007	0.007	0.006	0.006	0.007	0.007	0.007	0.006	0.006	0.006	0.007	SVM ≤ 0.9 at full-load ⁴⁾	
R9	5	9	0	12	15	6	2	0	10	15			
Size (mm) 灯体尺寸	150cm	150cm	150cm	150cm	150cm	150cm	150cm	150cm	150cm	150cm			

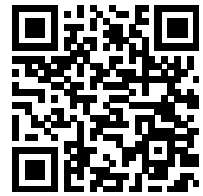
Supplementary information:

1) initial measurement value after aging of: 30 min 老化后的初始测量值:30分钟

2) for LED and OLED 针对LED和OLED

3) except for MR16 with Φmax ≤ 4.4mm and for light source intended for use in outdoor applications, industrial applications or other applications, where fixation standards allow ≤ ΦD16, R9

Model placed on the Union market from 04/01/2021



EPREL registration number: 739581

<https://eprel.ec.europa.eu/qr/739581>

Supplier: HOF Trading B.V. (Manufacturer)

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