Product Information Sheet

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

Supplier's name or trade mark: ELMARK

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 99LEDMOD1260

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Integrated LED		
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	12	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)	1 038 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	6 000
On-mode power (P_{on}), expressed in W	12,1	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	82
Outer dimensions without — Height	63	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	63		
Outer dimensions without — Depth	10		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,306 0,317
Parameters for LED and OLED light sources:				
R9 colour rendering index value		13	Survival factor	0,00
the lumen maintenance factor		0,00		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	1
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)		0,0	Stroboscopic effect metric (SVM)	0,0

[a] '-' : not applicable;

[b] '-' : not applicable;

Lamp test report

Product Remark

Type:	NO.:0	Manufacturer:
TempIn:15.2C	TempOut:15.1C	Humidity:%
Operator:	Time:16:39:47	Date:2020-12-23

CIE Color Parameter

Chromaticity Coordinate: x=0.3069 y=0.3177 u=0.1981 v=0.3075 duv=0.0003

CCT: Tc= 6553K	DominantW.: 484.8nm	Purity: 10.2%
Peak Wave: 440nm	Half Wave: 35.9nm	RatioR=14.5% G=81.4% B=4.1%

Rending Idx: Ra= 82.8 Ra'= 76.4

R1 =83	R2 =85	R3 =86	R4 =85	R5 =84	R6 =80	R7 =86	R8 =73
R9 =13	R10=63	R11=86	R12=69	R13=83	R14=92	R15=78	

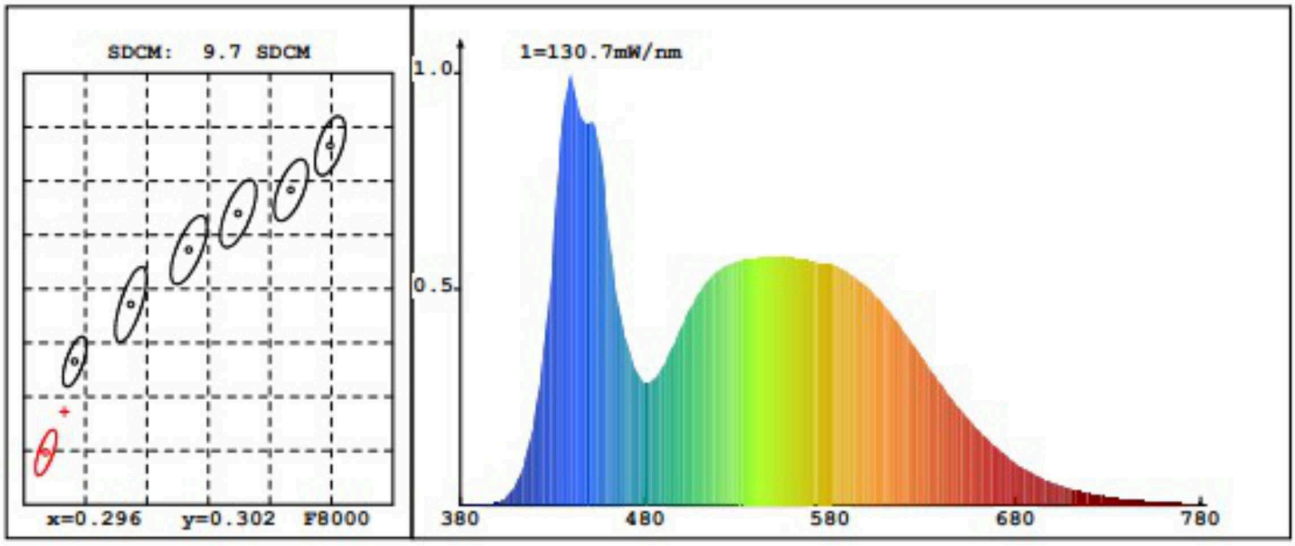

Photo Parameter

Flux: 1038.1 lm Effice: 85.71m/W Lumi.Pow: 3.307W

Electrical Parameter

Voltage:230.0V Current:0.098A Power:12.12W PF:0.500

Instrument Status

Instrument:HopooHSP6000	Lamp:A2776K/2210.51m	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:37.3C
Main:5	Id:41	Ip:21697
Reference:3	REF:44290	Undulation:-4.954%