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: 99POM602430/WH

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:	Yes		
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	24	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)	2 160 in Wide cone (120°)	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	23,6	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
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	83
Outer dimensions without separate control gear, lighting control — Height	600	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	50		
Depth	70		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value		11	Survival factor	0,70
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	3
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)	0,2

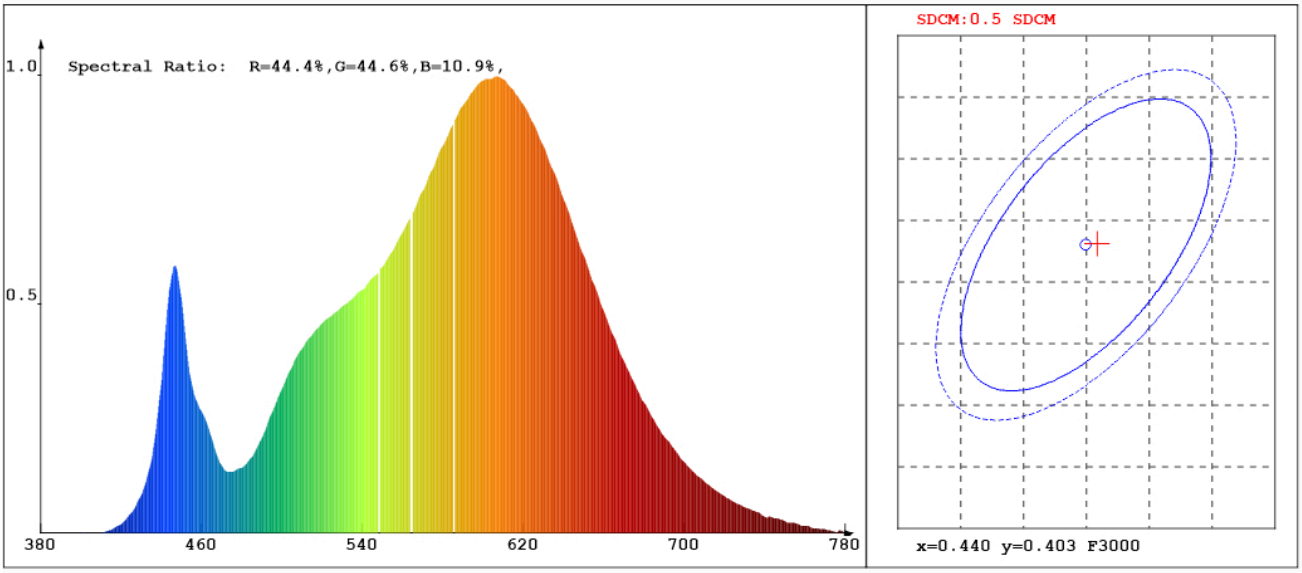
(a) '-' : not applicable;

(b) '-' : not applicable;

LED Test Report

Product Mark

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2022-05-19 14:34:30
Remark:



Chroma Parameters

Chro.Coor.:x=0.4409 y=0.4031 u=0.2536 v=0.3477 duv=-0.0009
CCT: 2926K Dominant Wave.:583.5nm Purity:53.3%
Flux RGB Ratio:R=23.6%,G=75.1%,B=1.3% Peak Wave:605.7nm Half Width:127.3nm

Rendering Index:Ra= 83.5

R1 =82	R2 =91	R3 =97	R4 =83	R5 =82	R6 =89	R7 =84	R8 =61
R9 =11	R10=79	R11=83	R12=74	R13=84	R14=99	R15=75	

Photo Parameters

Flux:2388.35lm Effi.:100.9lm/W Radiant:6800.9mW Iv:0.0mcd
Efficiency:0.135 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=229.300V Current:I=0.1100A
Power:P=23.68W Power Factor:PF=0.939

Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

Instrument:Hopoo HP8000 Integral Time: 67.765ms VPeak: 13402
VDark: 1274 Product ID: 201306373