

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/BL

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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 300 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	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)	0,440 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	11	Survival factor	0,50	
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	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 :

Temperature :65'C

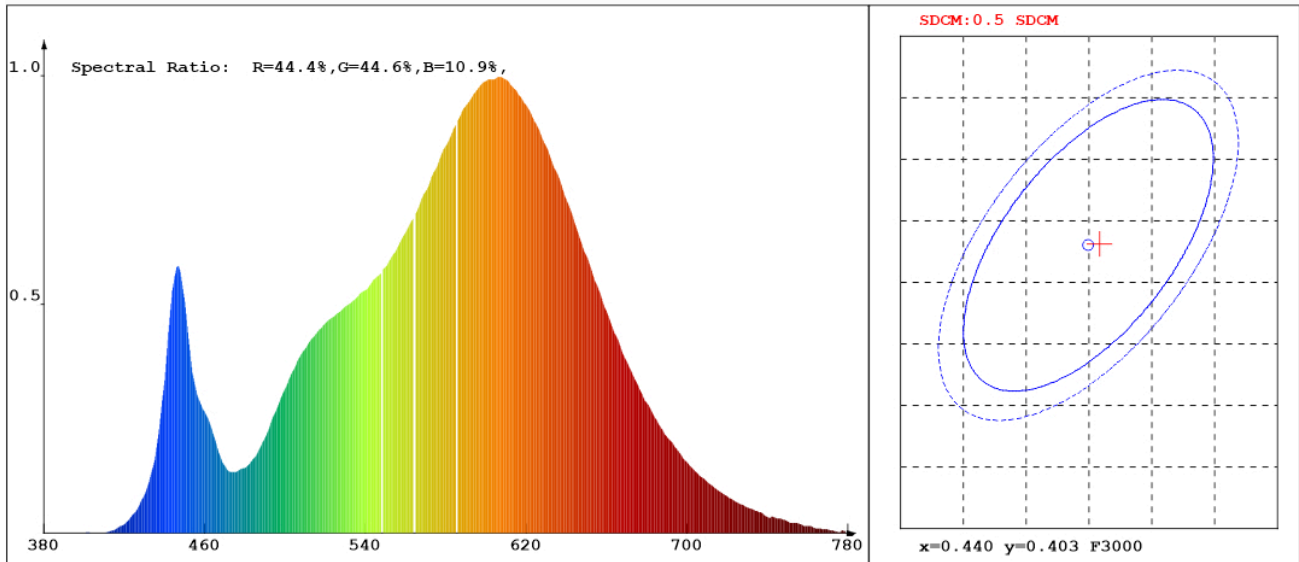
Operator :admin

Remark:

Manufacturer :BOHUA

Humidity :65%

Test Date :2022-05-19 14:34:30



Chroma Parameters

Chro.Coord.: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