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: 99POML30/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	10	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)	1 000 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	3 000
On-mode power (P_{on}), expressed in W	10,5	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	84
Outer dimensions without separate control gear, lighting control — Height	50	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	70		
Depth	190		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,439 0,404
Parameters for LED and OLED light sources:				
R9 colour rendering index value		15	Survival factor	0,50
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

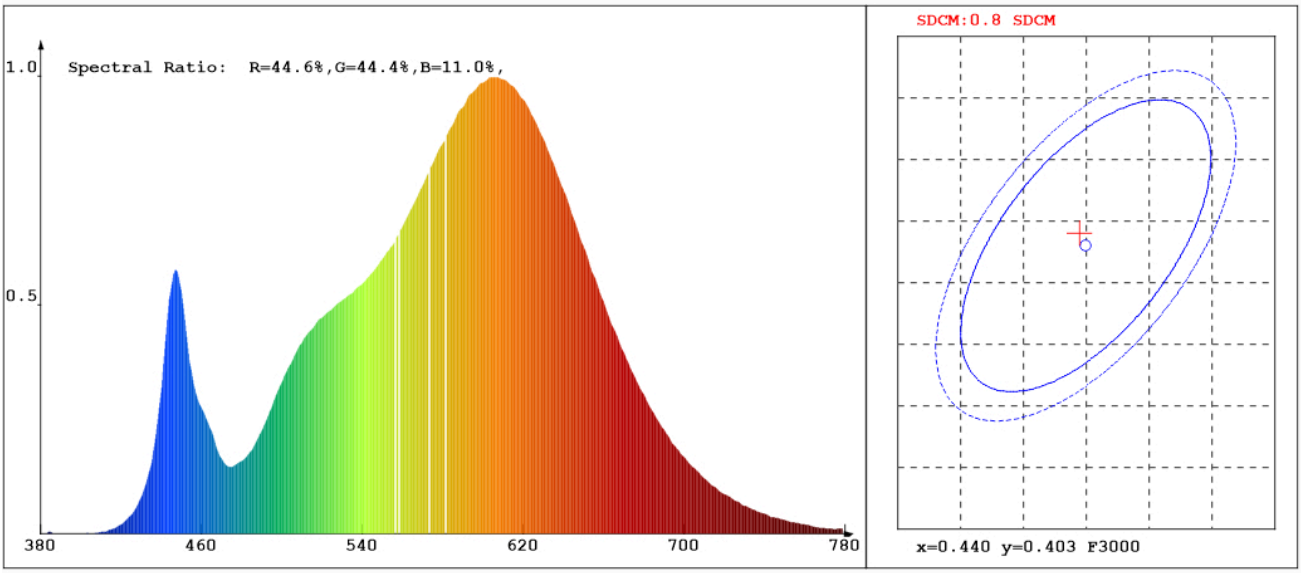
[(a)] '-' : not applicable;

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

LED Test Report

Product Mark

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2022-05-31 09:54:22
Remark:



Chroma Parameters

Chro.Coor.:x=0.4395 y=0.4040 u=0.2522 v=0.3478 duv=-0.0004
CCT: 2957K Dominant Wave.:583.1nm Purity:53.2%
Flux RGB Ratio:R=23.4%,G=75.2%,B=1.4% Peak Wave:606.8nm Half Width:133.4nm

Rendering Index:Ra= 84.4

R1 =82	R2 =91	R3 =97	R4 =84	R5 =84	R6 =90	R7 =84	R8 =62
R9 =15	R10=80	R11=84	R12=75	R13=84	R14=99	R15=75	

Photo Parameters

Flux:1164.96lm Effi.:110.3lm/W Radiant:6617.7mW Iv:0.0mcd
Efficiency:0.121 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=229.300V Current:I=0.0490A
Power:P=10.56W Power Factor:PF=0.933

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: 86.858ms VPeak: 15178
VDark: 1192 Product ID: 201306373