

Product Information Sheet

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

Supplier's name or trade mark: STELLAR

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

Model identifier: 99XPOM602440/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°)	2 500 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	4 000
On-mode power (P_{on}), expressed in W	24,4	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	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)	0,378 0,377	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13	Survival factor	0,70	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	4	
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;

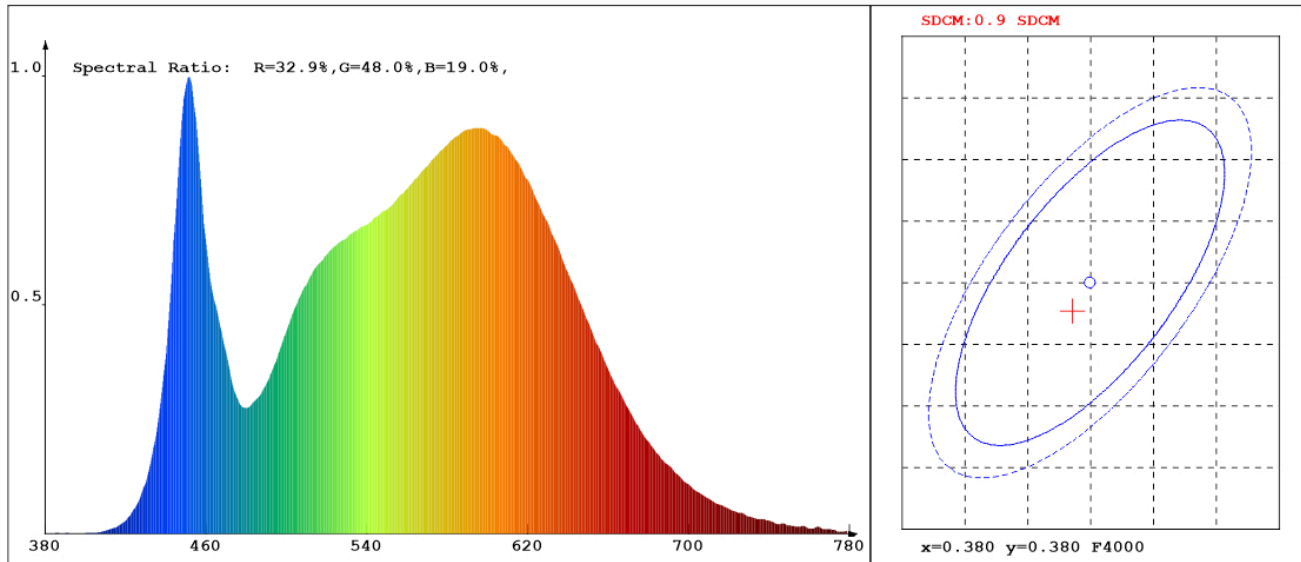
(b) '-': not applicable;

LED Test Report

Product Mark

Product Type :
 Temperature :65'C
 Operator :admin
 Remark:

Manufacturer :BOHUA
 Humidity :65%
 Test Date :2022-05-21 13:13:24



Chroma Parameters

Chro.Coar.:x=0.3786 y=0.3777 u=0.2235 v=0.3345 duv=0.0010
 CCT: 4057K Dominant Wave.:578.3nm Purity:27.0%
 Flux RGB Ratio:R=18.2%,G=79.3%,B=2.5% Peak Wave:451.6nm Half Width:22.4nm

Rendering Index:Ra= 84.3

R1 =82	R2 =90	R3 =96	R4 =84	R5 =83	R6 =87	R7 =87	R8 =66
R9 =13	R10=76	R11=83	R12=63	R13=84	R14=98	R15=76	

Photo Parameters

Flux:2522.51lm Effi.:103.11m/W Radiant:12578.7mW Iv:0.0mcd
 Efficiency:0.132 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=228.900V Current:I=0.1130A
 Power:P=24.45W Power Factor:PF=0.945

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: 36.937ms VPeak: 13674
 VDark: 1197 Product ID: 201306373