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: 92M6210W60

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated COB 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

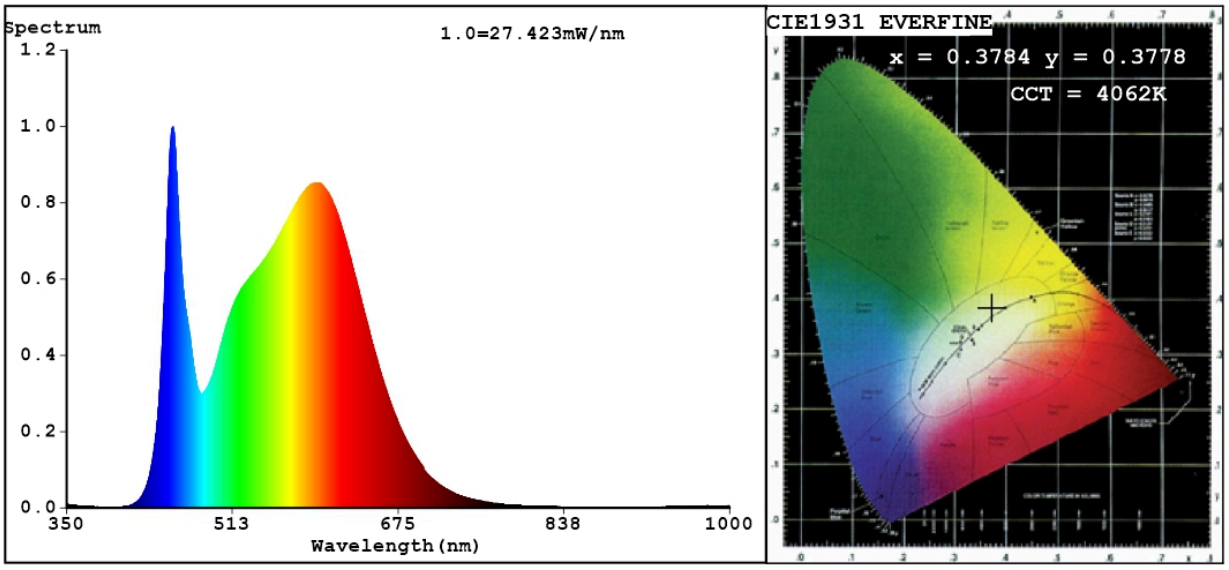
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	13	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 300 in Narrow cone (90°)	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	12,7	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	83
Outer dimensions without separate control gear, lighting control — Height	62	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	62		
Depth	38		

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 directional light sources:				
Peak luminous intensity (cd)		454	Beam angle in degrees, or the range of beam angles that can be set	60
Parameters for LED and OLED light sources:				
R9 colour rendering index value		11	Survival factor	0,90
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,20	Colour consistency in McAdam ellipses	0
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;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3784 y=0.3778/u'=0.2234 v'=0.5017

CCT=4062K(Duv=0.0011) Dominant WL:Ld =578.2nm WL:Lc = --nm Purity=26.9%

Ratio:R=18.2% G=77.7% B=4.0%¡¡Peak WL:Lp=454.3nm FWHM=23.2nm

Render Index:Ra=83.9 AvgR=77.5 TM30:Rf=84 Rg=94 Lav=568.6nm

R1 =83	R2 =92	R3 =96	R4 =81	R5 =82	R6 =88	R7 =85	
R8 =65	R9 =11	R10=80	R11=80	R12=61	R13=85	R14=98	R15=76

Photo Parameters:

Flux = 1348 lm Eff. : 106.14 lm/W Fe = 4.105 W

Electrical parameters:

V = 219.97 V I = 0.2091 A P = 12.70 W PF = 0.2761

WHITE:ANSI_4000K

Status: Integral T = 39 ms Ip = 45406 (69%)

Model: LED INTERIOR LIGHTING
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:92M6210W60
Date:2022-02-04 11:41:45
Humidity:65.0%
Remarks:8369