

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: 95GLOSS24

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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

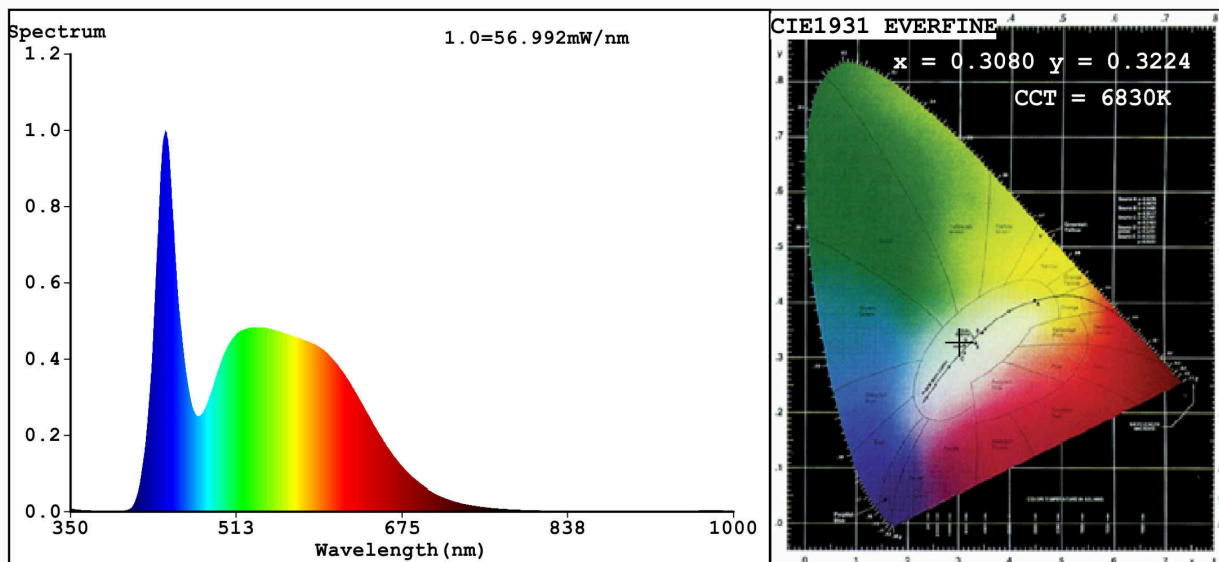
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 800 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	6 500
On-mode power (P_{on}), expressed in W	25,3	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	85
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)	0,308 0,322	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	29	Survival factor	0,50	
the lumen maintenance factor	0,90			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	6	
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: $x=0.3080$ $y=0.3224$ $u'=0.1971$ $v'=0.4640$

CCT=6830K(Duv=0.0022) Dominant WL:Ld =485.9nm Purity=9.4%

Ratio:R=13.7% G=80.6% B=5.7%; Peak WL:Lp=442.8nm FWHM=25.3nm

Render Index:Ra=85.7

R1 =86	R2 =87	R3 =88	R4 =87	R5 =88	R6 =84	R7 =88
R8 =78	R9 =29	R10=69	R11=89	R12=73	R13=86	R14=93
						R15=82

Photo Parameters:

Flux = 1807 lm Eff. : 71.28 lm/W Fe = 6.151 W

Electrical parameters:

V = 230.08 V I = 0.2158 A P = 25.35 W PF = 0.5107

WHITE:ANSI_6500K

Status: Integral T = 13 ms Ip = 39918 (61%)

Model:LED GLOSS/24W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:95GLOSS24
Date:2018-07-30 13:32
Humidity:65.0%
Remarks:018V008A_4729