

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: 92DL64027

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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

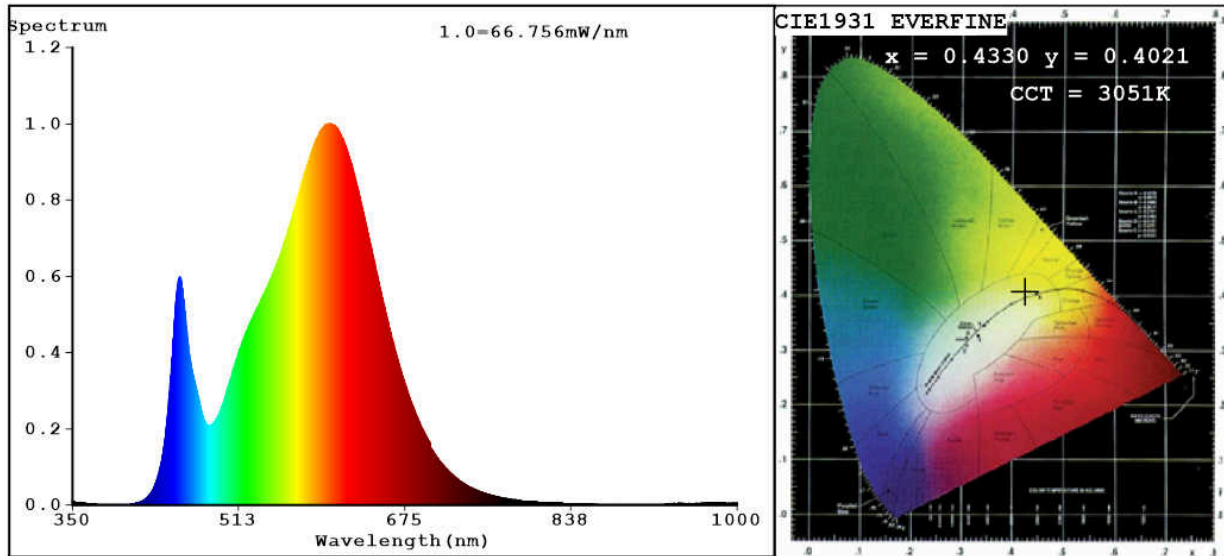
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 300 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	3 000
On-mode power (P_{on}), expressed in W	39,4	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	81
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,430 0,402
Parameters for directional light sources:				
Peak luminous intensity (cd)	600		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	4		Survival factor	0,50
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)	0,6		Stroboscopic effect metric (SVM)	0,2

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4330$ $y=0.4021$ / $u'=0.2489$ $v'=0.5200$

CCT=3051K (Duv=-0.0002) Dominant WL: $L_d = 582.7\text{nm}$ Purity=50.7%

Ratio: R=22.4% G=74.9% B=2.7% ; Peak WL: $L_p = 600.4\text{nm}$ FWHM=129.0nm

Render Index: Ra=81.3

R1 =80 R2 =91 R3 =96 R4 =78 R5 =79 R6 =88 R7 =82

R8 =58 R9 =4 R10=78 R11=75 R12=65 R13=82 R14=99 R15=73

Photo Parameters:

Flux = 3320 lm Eff. : 84.19 lm/W $F_e = 10.11$ W

Electrical parameters:

V = 220.12 V I = 0.1863 A P = 39.43 W PF = 0.9617

WHITE: ANSI_3000K

Status: Integral T = 10 ms $I_p = 52798$ (81%)

Model: RDL60COB_40W
Tester: Petya Marinova
Temperature: 25.3Deg
Manufacturer: EVERFINE

Number: 92DL64027
Date: 2015-04-27 16:13
Humidity: 65.0%
Remarks: VSHQ150129-GB1