

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: 99LED665D

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

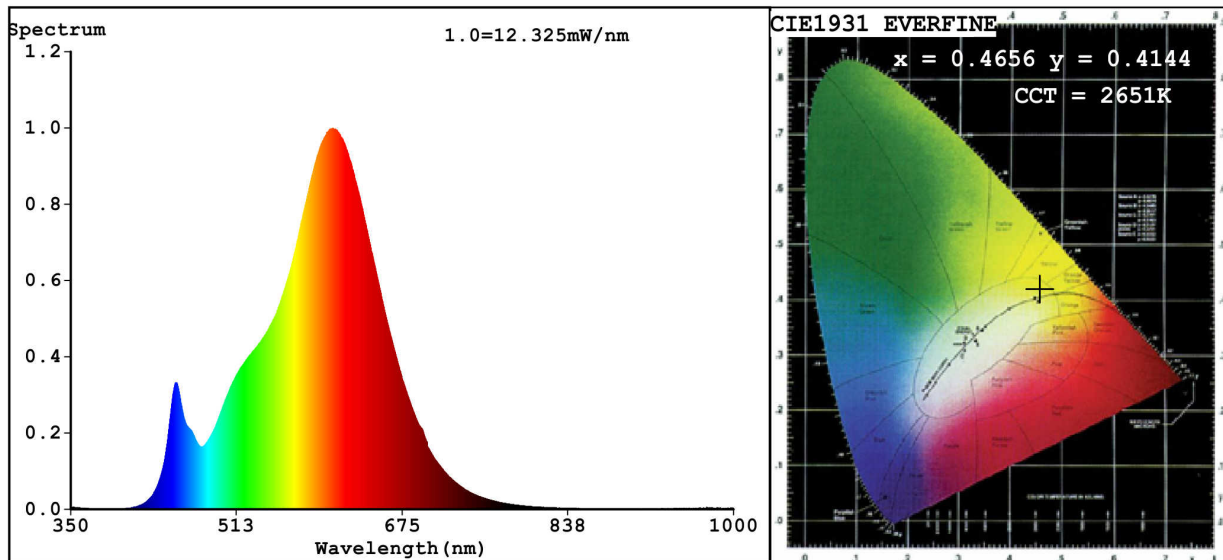
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	480 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	2 700
On-mode power (P_{on}), expressed in W	4,4	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	0,20	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	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)	Yes	If yes, equivalent power (W)	45	
		Chromaticity coordinates (x and y)	0,465 0,414	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	8	Survival factor	0,54	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,60	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	5	
Flicker metric (Pst LM)	0,7	Stroboscopic effect metric (SVM)	0,3	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4656$ $y=0.4144$ $u'=0.2645$ $v'=0.5297$
 CCT=2651K (Duv=0.0009) Dominant WL:Ld =584.2nm WL:Lc = --nm Purity=64.2%
 Ratio:R=25.7% G=72.1% B=2.3%; Peak WL:Lp=607.1nm FWHM=110.9nm
 Render Index:Ra=83.1

R1 =82	R2 =93	R3 =94	R4 =81	R5 =83	R6 =94	R7 =81
R8 =57	R9 =8	R10=85	R11=82	R12=79	R13=85	R14=97
						R15=73

Photo Parameters:

Flux = 547.8 lm Eff. : 124.29 lm/W Fe = 1.709 W

Electrical parameters:

V = 220.02 V I = 0.02915 A P = 4.407 W PF = 0.6871
 WHITE:ANSI_2700K

Status: Integral T = 82 ms Ip = 50075 (76%)

Model:LED GLOBE G45 FILAMENT DIM
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED665D
 Date:2020-10-27 10:34:55
 Humidity:65.0%
 Remarks:6158