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: 95BELED6BL

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

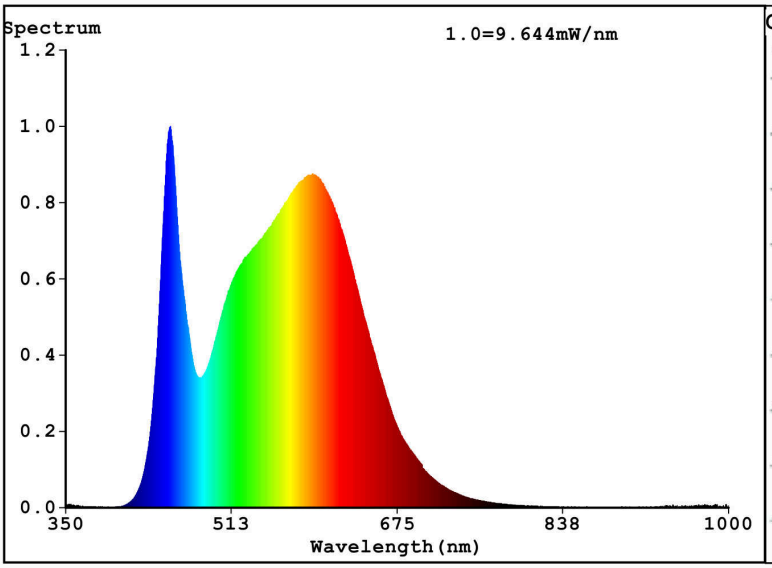
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	503 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	4 000
On-mode power (P_{on}), expressed in W	6,5	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	187	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	127		
Depth	100		

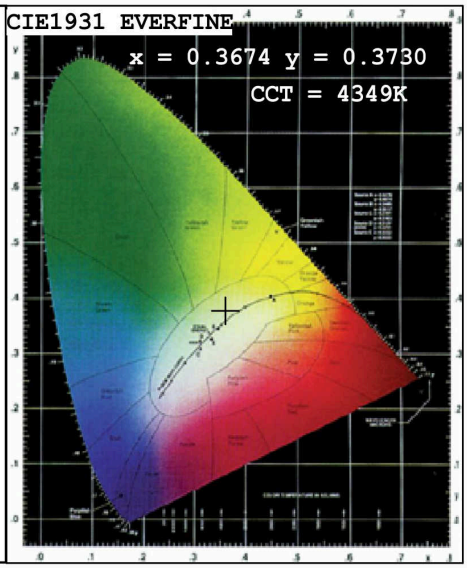
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,367 0,373
Parameters for LED and OLED light sources:				
R9 colour rendering index value		10	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	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=0.3674 y=0.3730/u'=0.2180 v'=0.4980

CCT=4349K(Duv=0.0023) Dominant WL:Ld =576.2nm Purity=22.2%

Ratio:R=17.2% G=78.6% B=4.2%¡¡Peak WL:Lp=453.0nm FWHM=27.5nm

Render Index:Ra=83.8

R1 =82	R2 =90	R3 =96	R4 =82	R5 =82	R6 =86	R7 =87	
R8 =66	R9 =10	R10=77	R11=81	R12=62	R13=84	R14=98	R15=76

Photo Parameters:

Flux = 503.8 lm Eff. : 76.61 lm/W Fe = 1.543 W

Electrical parameters:

V = 220.05 V I = 0.05569 A P = 6.576 W PF = 0.5367

WHITE:ANSI_4500K

Status: Integral T = 85 ms Ip = 50433 (77%)

Model:BRLED OVAL/6W	Number:95BELED6WH
Tester:Petya Marinova	Date:2016-04-25 11:40
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O15V047B-02_2780