

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: 9BR55LED

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

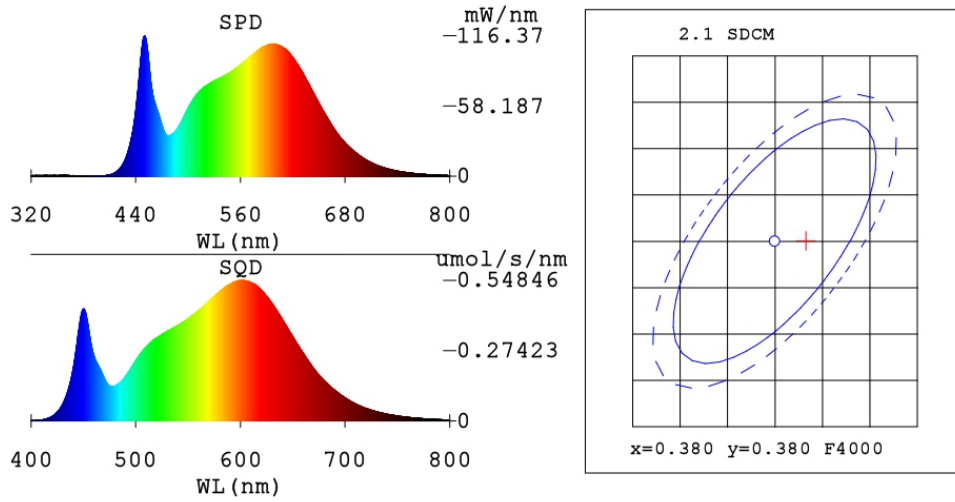
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	55	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	6 300 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	50,0	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	1 476	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	80	
	Depth	70	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,383 0,370
Parameters for LED and OLED light sources:			
R9 colour rendering index value	19	Survival factor	0,90
the lumen maintenance factor	1,00		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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



Plant Parameters:

Radiometry System:

Φv(lm): 6349

Color Parameters:

Chromaticity Coordinate: x = 0.3833 y = 0.3800 u' = 0.2257 v' = 0.5034

CCT = 3947K(Duv = 0.0007)

Dominant WL:Ld = 578.9nm

Purity = 29.1%

Ratio: R:G:B=18.8:77.5:3.7

Ra = 85.5

R1 = 84.2 R2 = 90.8 R3 = 95.9 R4 = 85.1 R5 = 84.3

R6 = 87.6 R7 = 87.6 R8 = 68.5 R9 = 19.0 R10 = 78.3

R11 = 84.9 R12 = 67.3 R13 = 85.9 R14 = 97.9 R15 = 78.2

Electric:U = 232.14 V I = 0.2186 A P = 50.11 W PF = 0.9876 Eff = 126.7 lm/W

λp = 450.1nm

FWHM = 22.5nm

LEVEL: OUT

WHITE: ANSI_4000K

Status: Integral T = 68 ms

Ip = 52174 (80%)

Model:三防灯Q型
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:EVERFINE

Number:1
 Date:2023-05-18 11:25:51
 Humidity:65.0%
 Remarks:---