

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: 9BR40LED

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

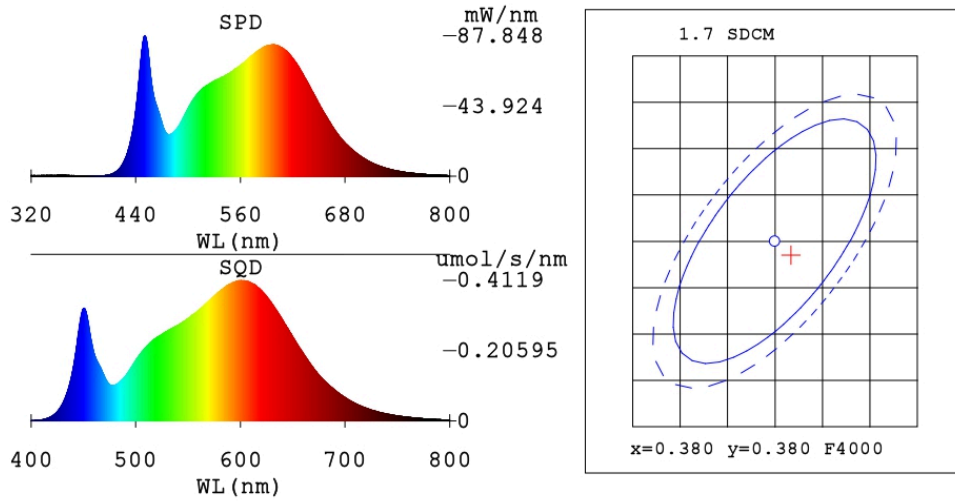
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 777 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	3 978
On-mode power (P_{on}), expressed in W	38,7	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	1 200	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)	0,381 0,378
Parameters for LED and OLED light sources:			
R9 colour rendering index value	19	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	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:
 Φ_v (lm): 4777

Color Parameters:

Chromaticity Coordinate: $x = 0.3817$ $y = 0.3785$ $u' = 0.2253$ $v' = 0.5025$
 CCT = 3978K(Duv = 0.0004) Dominant WL:Ld = 578.9nm
 Purity = 28.1% Ratio: R:G:B=18.7:77.5:3.8
 Ra = 85.6
 R1 = 84.3 R2 = 91.0 R3 = 95.9 R4 = 85.2 R5 = 84.5
 R6 = 87.7 R7 = 87.5 R8 = 68.6 R9 = 19.5 R10 = 78.6
 R11 = 84.9 R12 = 67.4 R13 = 86.0 R14 = 97.9 R15 = 78.4
 Electric:U = 232.22 V I = 0.1700 A P = 38.71 W PF = 0.9807 Eff = 123.4 lm/W
 $\lambda_p = 450.5$ nm FWHM = 23.4nm
 LEVEL: OUT WHITE: ANSI_4000K
 Status: Integral T = 64 ms Ip = 37641 (57%)

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

Number:3
 Date:2023-05-18 11:19:42
 Humidity:65.0%
 Remarks:---