

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: 95BRICE12LED

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:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

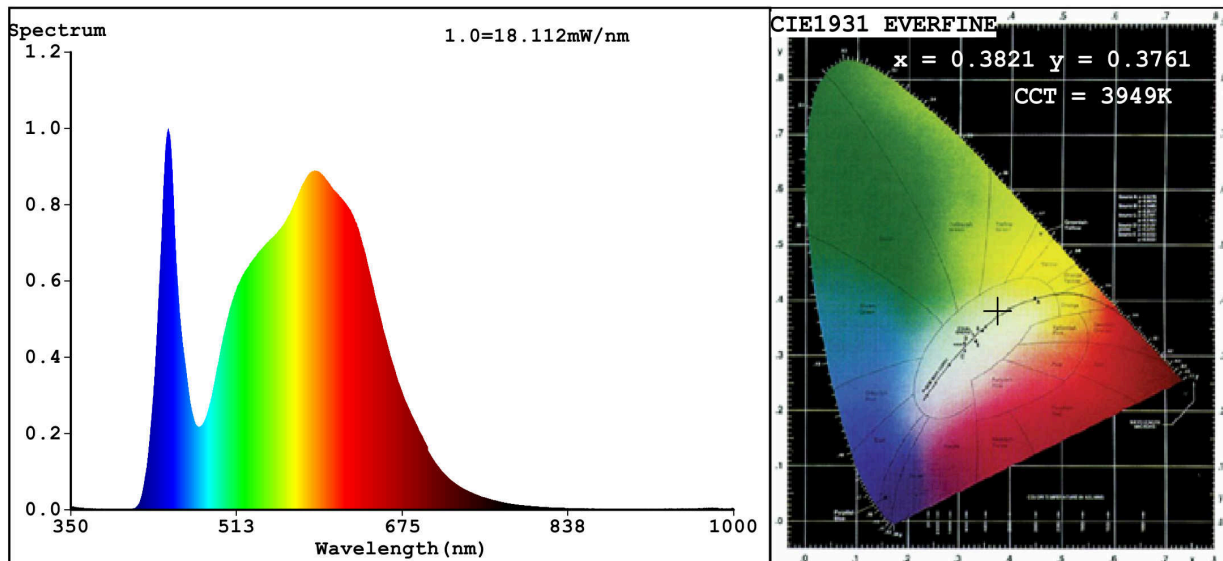
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	944 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	12,0	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	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)	0,381 0,376	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	27	Survival factor	0,50	
the lumen maintenance factor	0,95			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3821$ $y=0.3761$ $u'=0.2265$ $v'=0.5016$
 CCT=3949K (Duv=-0.0008) Dominant WL:Ld =579.7nm WL:Lc = --nm Purity=27.6%
 Ratio:R=18.7% G=77.9% B=3.3%; Peak WL:Lp=445.8nm FWHM=21.7nm
 Render Index:Ra=85.1 AvgR=79.8 TM30:Rf=85 Rg=99 Lav=573.1nm

R1 =84	R2 =89	R3 =92	R4 =86	R5 =85	R6 =85	R7 =88
R8 =72	R9 =27	R10=74	R11=86	R12=69	R13=85	R14=96 R15=79

Photo Parameters:

Flux = 944.7 lm Eff. : 63.78 lm/W Fe = 2.993 W

Electrical parameters:

V = 225.17 V I = 0.2169 A P = 14.81 W PF = 0.3034

WHITE:ANSI_4000K

Status: Integral T = 51 ms Ip = 38804 (59%)

Model:LED FIXTURES
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:95LRICE12LED
 Date:2021-07-13 14:48:18
 Humidity:65.0%
 Remarks: