Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: STELLAR

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 9XBR54LEDCW

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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

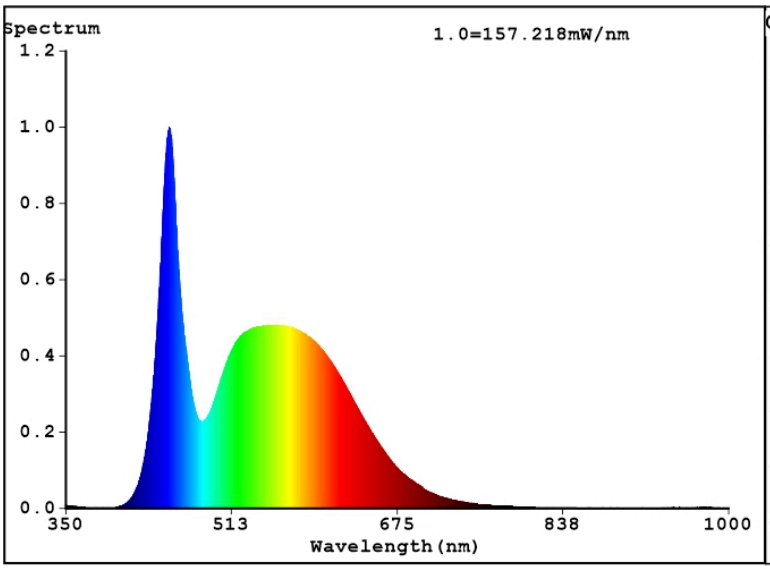
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	54	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	5 000 in Wide cone (120°)	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	6 000
On-mode power (P_{on}), expressed in W	56,0	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	83
Outer dimensions without separate control gear, lighting control — Height	1 510	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	75		
Outer dimensions without separate control gear, lighting control — Depth	62		

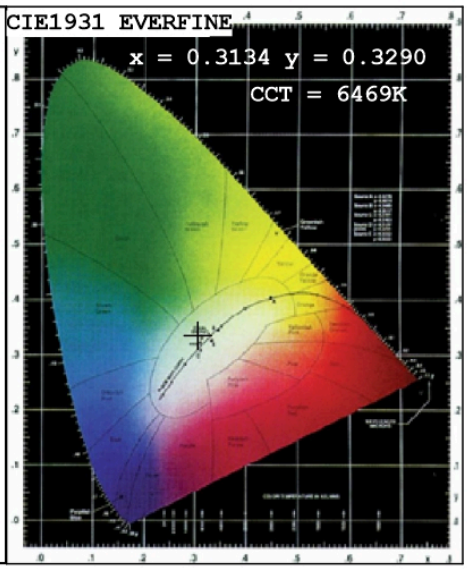
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,313 0,329
Parameters for directional light sources:				
Peak luminous intensity (cd)		1 509	Beam angle in degrees, or the range of beam angles that can be set	119
Parameters for LED and OLED light sources:				
R9 colour rendering index value		13	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,70	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)		0,6	Stroboscopic effect metric (SVM)	0,3

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3134 y=0.3290/u'=0.1983 v'=0.4684

CCT=6469K(Duv=0.0029) Dominant WL:Ld =488.9nm WL:Lc = --nm Purity=7.1%

Ratio:R=13.6% G=81.0% B=5.4%¡¡Peak WL:Lp=451.3nm FWHM=24.0nm

Render Index:Ra=83.4 AvgR=76.4 TM30:Rf=83 Rg=95 Lav=540.2nm

R1 =82	R2 =87	R3 =89	R4 =84	R5 =83	R6 =82	R7 =89	
R8 =72	R9 =13	R10=68	R11=83	R12=58	R13=83	R14=94	R15=78

Photo Parameters:

Flux = 4907 lm Eff. : 86.24 lm/W Fe = 16.05 W

Electrical parameters:

V = 225.05 V I = 0.3215 A P = 56.89 W PF = 0.7863

WHITE:ANSI_6500K

Status: Integral T = 7 ms Ip = 46082 (70%)

Model: BELLA LUMINAIRE	Number:9XBR54LEDCW
Tester:Atanas DAKOV	Date:2021-11-03 08:22:25
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7808