

Product Information Sheet

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

Supplier's name or trade mark: SPL

Supplier's address: Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, NL

Model identifier: L276081001

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	11	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°)	810 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	2200...2700
On-mode power (P_{on}), expressed in W	11,0	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	97
Outer dimensions without separate control gear, light-	Height	118	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,460 0,414
Parameters for LED and OLED light sources:			
R9 colour rendering index value	91	Survival factor	0,70
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,95	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)	1,0	Stroboscopic effect metric (SVM)	0,9

(a): not applicable;

(b): not applicable;

SPL Spectrum Test Report

Sample : 1
 Specification :
 Sample No. : L276081001-2
 Manufacturer :

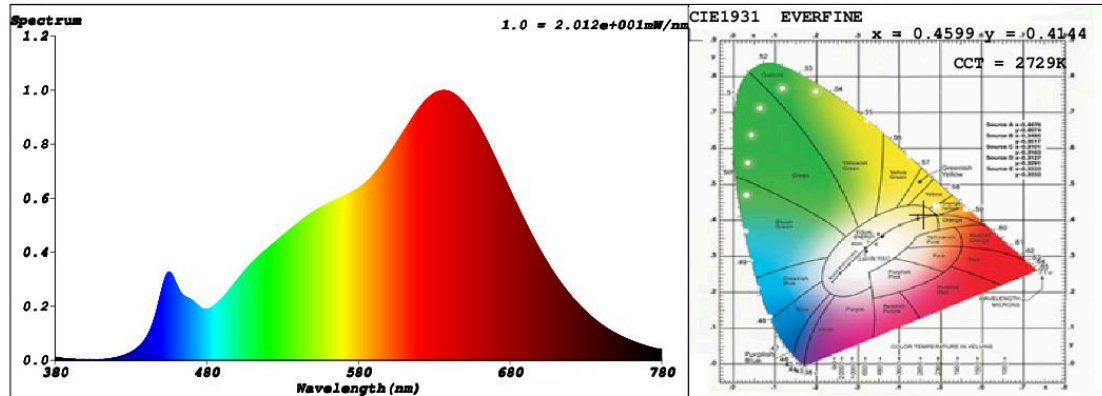
Date : 2017-02-20 11:23:12
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Schiefer
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 47723 (73%)
 T : 19 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4599$ $y = 0.4144$ / $u' = 0.2608$ $v' = 0.5288$ ($duv=1.39e-03$)

CCT= 2729K Prcp WL: $L_d=583.6nm$ Purity=62.4%

Peak WL: $L_p=636nm$ FWHM: =153.0nm Ratio:R=26.8% G=70.6% B=2.6%

Render Index: $R_a = 98.2$

$R_1 = 100$ $R_2 = 99$ $R_3 = 96$ $R_4 = 99$ $R_5 = 99$ $R_6 = 99$ $R_7 = 98$

$R_8 = 96$ $R_9 = 91$ $R_{10} = 96$ $R_{11} = 99$ $R_{12} = 85$ $R_{13} = 100$ $R_{14} = 97$ $R_{15} = 98$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 859.12 lm Eff. : 80.57 lm/W $F_e = 3.2622$ W

Electrical parameters

V = 230.1 V I = 0.05069 A P = 10.66 W PF = 0.9142

Schiefer Professional Lighting

www.professional-lighting.eu