

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: L279352430

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:	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	5	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°)	550 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	3 000
On-mode power (P_{on}), expressed in W	4,5	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	82
Outer dimensions without separate control gear, lighting control	Height	60	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	27	
	Depth	27	
			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)	0,446 0,404
Parameters for LED and OLED light sources:			
R9 colour rendering index value	9	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample : 1-1
 Specification : L279352430
 Sample No. : L279352430 1
 Manufacturer :

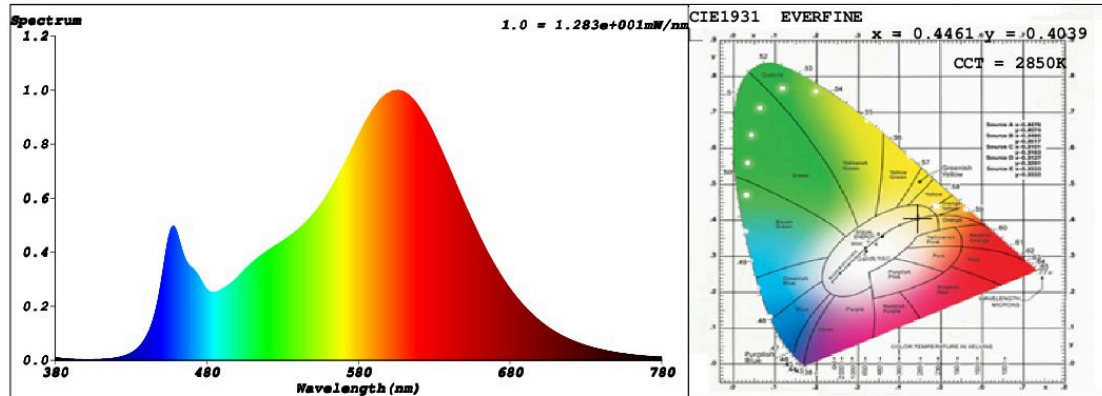
Date : 2017-11-06 10:04:05
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52203 (80%)
 T : 33 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4461$ $y = 0.4039$ / $u' = 0.2566$ $v' = 0.5227$ ($duv = -1.22e-03$)

CCT= 2850K Prcp WL: $L_d = 583.9\text{nm}$ Purity=55.1%

Peak WL: $L_p = 607\text{nm}$ FWHM: =113.2nm Ratio:R=24.3% G=72.7% B=3.0%

Render Index: $R_a = 82.9$

R1 =83 R2 =96 R3 =90 R4 =79 R5 =84 R6 =95 R7 =79

R8 =57 R9 =9 R10=90 R11=79 R12=78 R13=87 R14=95 R15=75

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 594.03 lm Eff. : 128.53 lm/W $F_e = 1.8276$ W

Electrical parameters

V = 30.06 V I = 0.2651 A P = 4.622 W PF = 0.5800

Schiefer Professional Lighting

www.professional-lighting.eu