

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: L276080827

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	8	Energy efficiency class	F
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°)	806 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	2 700
On-mode power (P_{on}), expressed in W	8,0	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	82
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			60

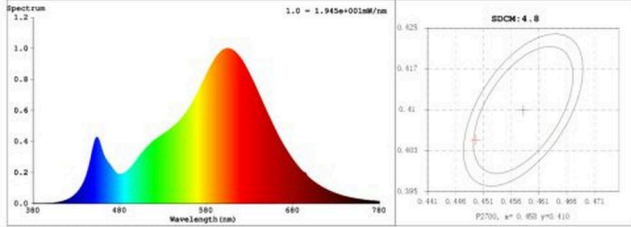
without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	60	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,450 0,405
Parameters for LED and OLED light sources:				
R9 colour rendering index value		7	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		0,75	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)	0,4

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report

Sample : Date : 2021-03-18 14:33:49
 Specification : L276080827 Sam. Status :
 Sample No. : Standard :
 Manufacturer : Instrument : HaasSuite(EVERFINE)
 Assessor :
 Remark : --- Test by : Yu Xinxin
Test Condition : 2-1752 Integrating Sphere 3
 Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 54522 (83%)
 Test Mode : Fast Test T : 112 ms
Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4495$ $y = 0.4046$ / $u' = 0.2584$ $v' = 0.5235$ ($duv = -1.28e-03$)
 CCT= 2804K Prcp WL: Ld=584.1nm Purity=56.4%
 Peak WL: Lp=604nm FWHM: =115.4nm Ratio:R=24.4% G=73.1% B=2.5%
 Render Index: Ra = 82.6 TM30:RI=84 Rg=96
 EEI: 0.10472 A++ Highest
 R1 =82 R2 =93 R3 =94 R4 =80 R5 =82 R6 =92 R7 =81
 R8 =57 R9 =7 R10=84 R11=80 R12=78 R13=85 R14=97 R15=74

Photometric & Radiometric Parameters

Flux = 898.23 lm Eff. : 121.86 lm/W Fe = 2.7793 W

Electrical parameters

V = 229.97 V I = 0.04227 A P = 7.371 W PF = 0.7582 F=50.00 Hz
 Kdisp(IEC) = 0.9880