

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: L276034005

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	4	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°)	400 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	2 500
On-mode power (P_{on}), expressed in W	4,0	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	80
Outer dimensions without separate control gear, light-	Height	105	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)	0,470 0,419
Parameters for LED and OLED light sources:			
R9 colour rendering index value	6	Survival factor	0,96
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Product : L276034005
Sample No. :
Manufacturer :

Date : 2020-06-12
Instrument : HAAS-2000(EVERFINE)
Operator :

Test Condition

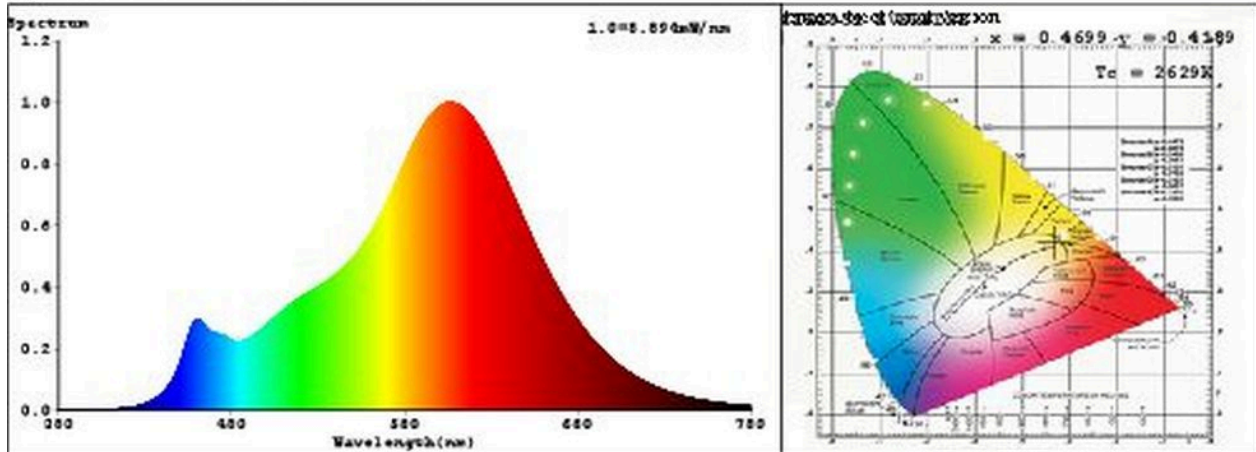
Temperature : 27.7Deg
Scan Range : 380nm-780nm

RH : 54%
IP : 50643 (77%)
T : 146 ms

Test Type : Fast Test

Delicacy : High

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.4699$ $y=0.4189$ $u'=0.2652$ $v'=0.5320$ ($duv=2.24e-03$)

CCT: $T_c=2629K$ Prcp Wavel: $\lambda_p=583.9nm$ Purity=66.8%

Peak Wavel: $\lambda_p=607nm$ HalfWidth: $\Delta\lambda_p=108.4nm$ Ratio: R=27.7% G=70.0% B=2.3%

Render Index: $R_a=82.1$

R1 =82 R2 =94 R3 =91 R4 =79 R5 =82 R6 =95 R7 =79

R8 =55 R9 =6 R10=88 R11=79 R12=80 R13=85 R14=95 R15=72

Photo Parameters:

Flux = 393.1 lm Eff.: 100.14 lm/W $F_e = 1.214W$

$F_{mol}(umol/s): 5.992e-001$ Fluorescence and blue light ratio: 12.50 Fluorescent efficiency: 25.14

Electrical parameters:

V = 230.5 V I = 0.01940 A P = 3.926 W PF = 0.8778

EVERFINE

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