

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: 023240400-1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU5.3		
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	4	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°)	310 in Narrow cone (90°)	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	4 000
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	82
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,387 0,391	
Parameters for directional light sources:				
Peak luminous intensity (cd)	470	Beam angle in degrees, or the range of beam angles that can be set	45	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	Survival factor	0,90	
the lumen maintenance factor	0,98			

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample :
Specification : 023240400-1
Sample No. : 023240400-1-556
Manufacturer :

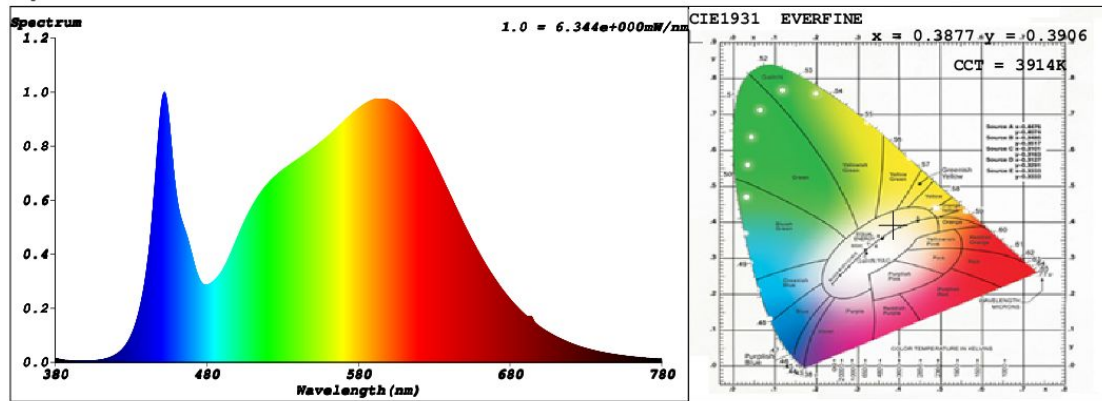
Date : 2021-07-01 14:43:57
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Renee
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52195 (80%)
T : 73 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3877$ $y = 0.3906$ / $u' = 0.2243$ $v' = 0.5086$ ($duv=4.33e-03$)

CCT= 3914K Prcp WL: $L_d=577.4nm$ Purity=33.6%

Peak WL: $L_p=452nm$ FWHM: $\approx 21.8nm$ Ratio: R=18.3% G=78.2% B=3.5%

Render Index: $R_a = 82.7$

$R_1 = 80$ $R_2 = 89$ $R_3 = 96$ $R_4 = 81$ $R_5 = 80$ $R_6 = 85$ $R_7 = 87$

$R_8 = 64$ $R_9 = 6$ $R_{10} = 73$ $R_{11} = 80$ $R_{12} = 59$ $R_{13} = 82$ $R_{14} = 98$ $R_{15} = 73$

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 359.69 lm Eff. : 0.00 lm/W $F_e = 1.0729 W$

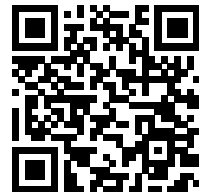
Electrical parameters

$V = 0 V$ $I = 0 A$ $P = 0 W$ PF = 0

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021



EPREL registration number: 808737

<https://eprel.ec.europa.eu/qr/808737>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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