

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: 023300270-2

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	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°)	225 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	2 700
On-mode power (P_{on}), expressed in W	4,2	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, lighting control	Height	48	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			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)	0,460 0,410
Parameters for directional light sources:			
Peak luminous intensity (cd)	322	Beam angle in degrees, or the range of beam angles that can be set	38
Parameters for LED and OLED light sources:			
R9 colour rendering index value	8	Survival factor	0,90
the lumen maintenance factor	0,90		

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample :
 Specification :
 Sample No. : 023300270-2
 Manufacturer :

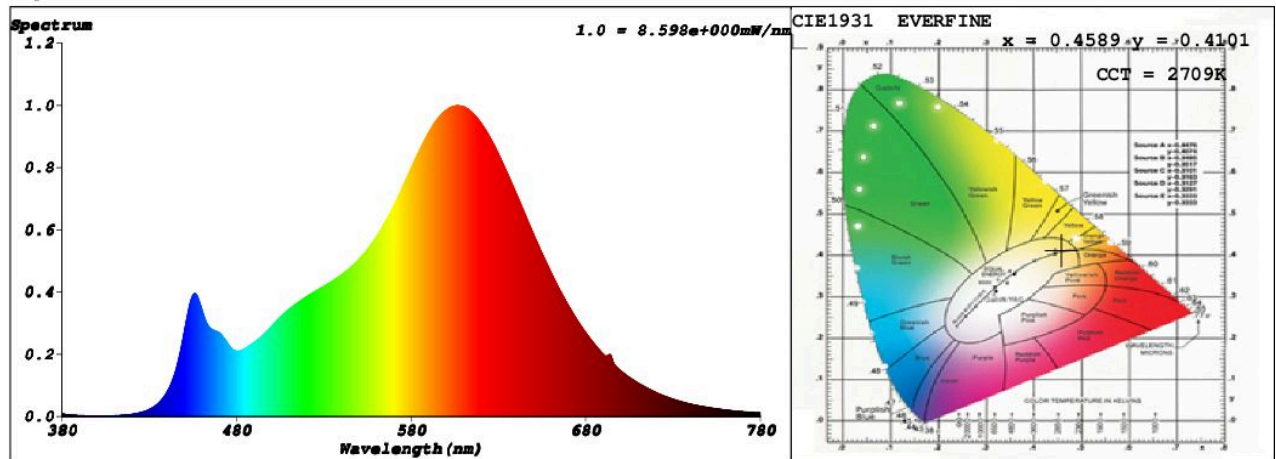
Date : 2021-08-26 11:23:46
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Ralf
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 47086 (72%)
 T : 51 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4589$ $y = 0.4101$ / $u' = 0.2621$ $v' = 0.5270$ ($duv = -1.13e-04$)
 CCT= 2709K Prcp WL: $L_d = 584.2nm$ Purity=60.8%
 Peak WL: $L_p = 607nm$ FWHM: =108.1nm Ratio:R=25.4% G=72.0% B=2.7%

Render Index: $R_a = 83.2$

R1 =83 R2 =95 R3 =91 R4 =81 R5 =84 R6 =95 R7 =79
 R8 =56 R9 =8 R10=90 R11=81 R12=80 R13=87 R14=96 R15=74
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 383.23 lm Eff. : 0.00 lm/W Fe = 1.1808 W

Electrical parameters

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

Schiefer Professional Lighting

www.spl-lighting.com