

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: L655779769

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Bay15d		
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	3	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°)	380 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	6 500
On-mode power (P_{on}), expressed in W	3,0	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, lighting control	Height	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	17	
	Depth	17	
			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)	0,319 0,336
Parameters for LED and OLED light sources:			
R9 colour rendering index value	11	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

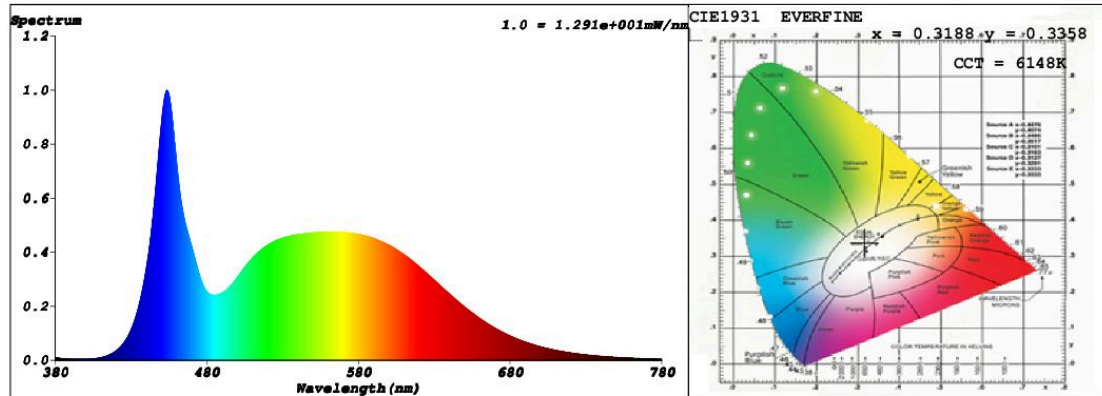
SPL Spectrum Test Report

Sample	:	Date	: 2019-02-26 11:26:53
Specification	: L655779769	Sam. Status	:
Sample No.	: L655779769 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51025 (78%)
Test Mode	: Fast Test	T	: 65 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3188$ $y = 0.3358$ / $u' = 0.1995$ $v' = 0.4728$ ($duv=3.65e-03$)

CCT= 6148K Prcp WL: $L_d=493.9nm$ Purity=4.8%

Peak WL: $L_p=454nm$ FWHM: $=22.6nm$ Ratio:R=13.9% G=80.5% B=5.6%

Render Index: $R_a = 83.7$

R1 =82 R2 =89 R3 =92 R4 =82 R5 =82 R6 =84 R7 =88

R8 =70 R9 =11 R10=73 R11=81 R12=57 R13=84 R14=96 R15=78

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 400.20 lm Eff. : 134.97 lm/W $F_e = 1.2863 W$

Electrical parameters

V = 24.02 V I = 0.2066 A P = 2.965 W PF = 0.5974

Schiefer Professional Lighting

www.professional-lighting.eu