

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: Voltolux

Supplier's address: Quality Management / Qualitätsmanagement, BAHAG AG Service Center
Deutschland Gutenbergstr. 21 68167 Mannheim

Model identifier: 23150009

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G6.35		
Mains or non-mains:	NMLS	Connected light source (CLS):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

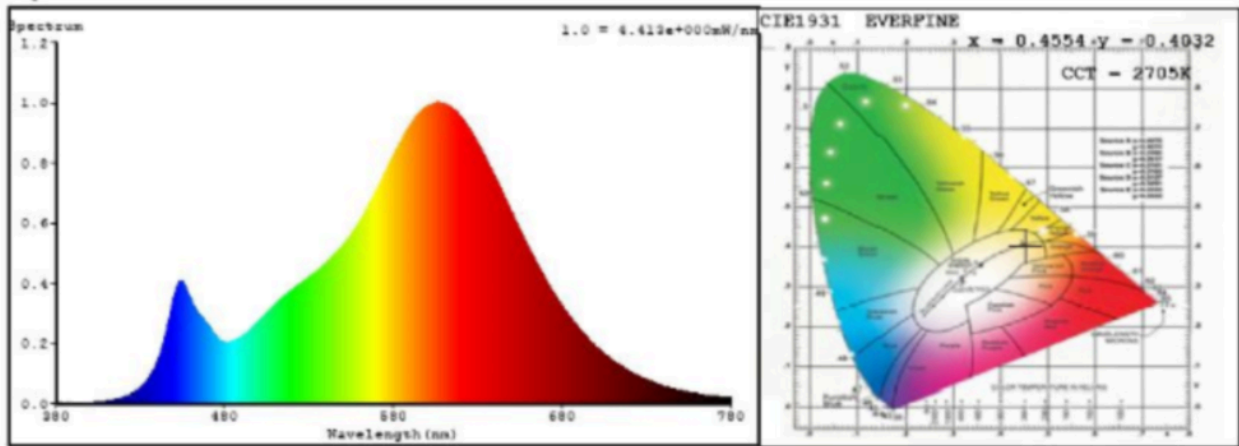
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	215 in Sphere (360°)	Correlated colour temperature, rounded 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	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	83
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			15

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	15	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,455 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	1,00
the lumen maintenance factor		0,87		

(a) : not applicable;

(b) : not applicable;

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.4554, y = 0.4032 / u' = 0.2629, v' = 0.5238$ ($duv = -2.39e-03$)

CCT = 2705K Prcp $\lambda_d = 585.0nm$ Purity = 57.7%

Peak WL: $L_p = 607nm$ F..... = 115.5nm Ratio: R=25.3% G=72.1% B=2.6%

Render Index: $R_a = 82.9$

R1 = 82	R2 = 94	R3 = 93	R4 = 80	R5 = 83	R6 = 94	R7 = 80	
R8 = 58	R9 = 12	R10 = 87	R11 = 79	R12 = 80	R13 = 85	R14 = 97	R15 = 75

2700K CCT

