

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: 22836908

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G4		
Mains or non-mains:	NMLS	Connected light source (CLS):	Nej
Colour-tuneable light source:	Nej	Envelope:	-
High luminance light source:	Nej		
Anti-glare shield:	Nej	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	2	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°)	150 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	3 000
On-mode power (P_{on}), expressed in W	1,5	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	Height	Spectral power distribution in the	See image in last page
	Width		
			10

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	10	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,430 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value		5	Survival factor	1,00
the lumen maintenance factor		0,96		

(a) : not applicable;

(b) : not applicable;

Name	Value	Unit
Φ	6.218E-01	Watts
$\Phi(v)$	2.041E02	lumens
$\Phi(v')$	2.786E02	lm'
Chrom x	0.4359	
Chrom y	0.4056	
Chrom u	0.2492	
Chrom v	0.3479	
Duv	0.0007	
Chrom u'	0.2492	
Chrom v'	0.5218	
λ (peak)	601.9	nm
λ (center)	592.6	nm
λ (centroid)	582.0	nm
λ (dom)	582.4	nm
FWHM	126.1	nm
Purity	52.6	%
CCT	3028.0	°K
SDCM	3.5 F 3000	
Correlation	0.0054	
Corr. Coef.	0.000776944982551465	
RA	81.8531712288398	
R1	80.3	
R2	91.6	
R3	95	
R4	78.8	
R5	80.6	
R6	90.1	
R7	81.6	
R8	56.9	
R9	3.2	
R10	81	
R11	77.7	
R12	71.6	
R13	83.1	
R14	97.9	

