

Product Information Sheet

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

Supplier's name or trade mark: LED-Trading

Supplier's address: LED-Trading, Schöneicher Str. 42, 15566 Schöneiche, DE

Model identifier: 9116-06

Type of light source:

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

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	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°)	500 in Wide cone (120°)	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	2200...6500
On-mode power (P_{on}), expressed in W	6,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,40
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,40	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	45	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	114	
	Depth	114	
			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)	0,520 0,420
Parameters for LED and OLED light sources:			
R9 colour rendering index value	15	Survival factor	1,00
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,70	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,4

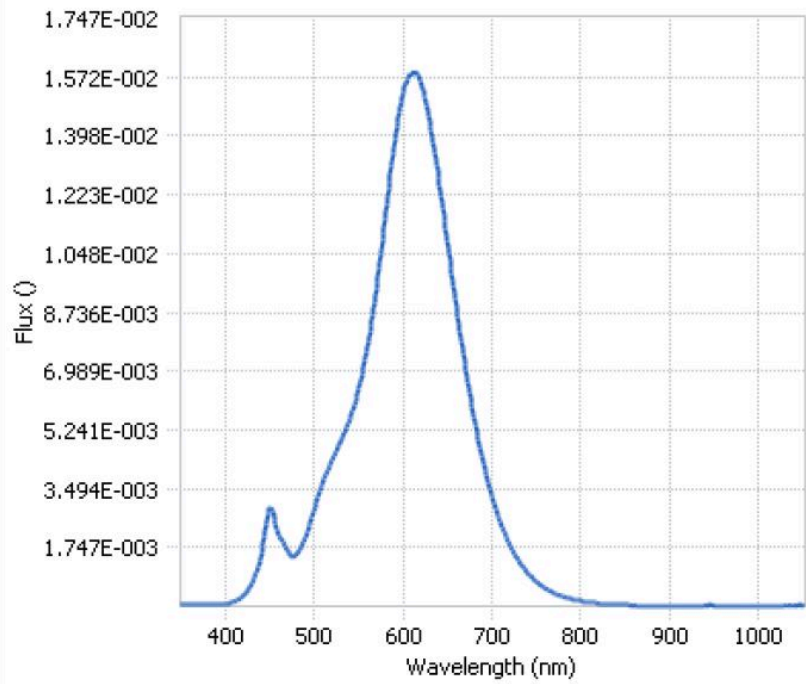
(a)-: not applicable;

(b)-: not applicable;

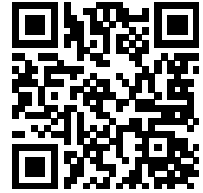
Spectral Results

Name	Value	Unit
Φ	2.071E00	Watts
$\Phi(v)$	6.251E02	lumens
$\Phi(v')$	6.178E02	lm'
Chrom x	0.5004	
Chrom y	0.4136	
Chrom u	0.2875	
Chrom v	0.3564	
Duv	0.0008	
Chrom u'	0.2875	
Chrom v'	0.5347	
λ (peak)	613.5	nm
λ (center)	613.4	nm
λ (centroid)	603.8	nm
λ (dom)	587.1	nm
FWHM	104.0	nm
Purity	74.4	%
CCT	2239.0	°K
SDCM	26.7 F 2700	
Correlation	0.0054	
Corr. Coef.	0.000575226348232701	
RA	80.4958508417161	
R1	79.3	
R2	92.2	
R3	92.2	
R4	77.3	
R5	79.8	
R6	93.3	
R7	77.9	
R8	52	
R9	4	
R10	84	
R11	77.7	
R12	83.4	
R13	82.2	
R14	96.5	

Spectral Flux Graph



Model placed on the Union market from 22/01/2020



EPREL registration number: 1081624

<https://eprel.ec.europa.eu/qr/1081624>

Supplier: Tobias Ebert (Importer)

Website:

Customer care service:

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