

# 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:** 9307

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	M16		
Mains or non-mains:	NMLS	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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	450 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	2200...6500
On-mode power ( $P_{on}$ ), expressed in W	5,0	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	51	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	49	
	Depth	49	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,501 0,415
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	10	Survival factor	1,00
the lumen maintenance factor	0,96		

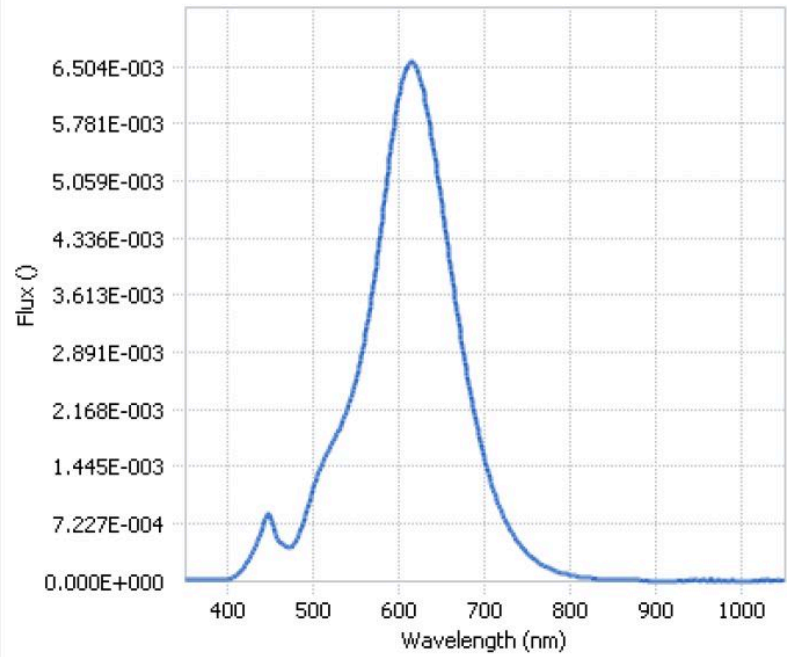
(a) : not applicable;

(b) : not applicable;

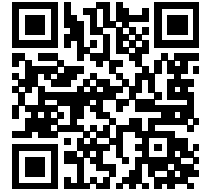
### Spectral Results

Name	Value	Unit
$\Phi$	8.601E-01	Watts
$\Phi(v)$	2.517E02	lumens
$\Phi(v')$	2.375E02	lm'
Chrom x	0.5104	
Chrom y	0.4175	
Chrom u	0.2922	
Chrom v	0.3584	
Duv	0.0007	
Chrom u'	0.2922	
Chrom v'	0.5376	
$\lambda$ (peak)	614.9	nm
$\lambda$ (center)	616.5	nm
$\lambda$ (centroid)	608.2	nm
$\lambda$ (dom)	587.3	nm
FWHM	106.3	nm
Purity	78.5	%
CCT	2168.0	°K
SDCM	32.2 F 2700	
Correlation	0.0054	
Corr. Coef.	0.000781463731286734	
RA	81.9042509422189	
R1	80.4	
R2	92.1	
R3	93.8	
R4	79.7	
R5	80.9	
R6	93.7	
R7	79.7	
R8	54.9	
R9	9.7	
R10	84.1	
R11	80.8	
R12	85.5	
R13	83	
R14	97.3	

### Spectral Flux Graph



Model placed on the Union market from 24/07/2023



**EPREL registration number:** 1665451

<https://eprel.ec.europa.eu/qr/1665451>

**Supplier:** Tobias Ebert (Importer)

**Website:**

**Customer care service:**

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