

Product Information Sheet

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

Supplier's name or trade mark: J&EL

Supplier's address: Namron AS, Nedre kalbakkvei 88B, 1081 Oslo, NO

Model identifier: 3306794

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	other electric interface		
Mains or non-mains:	MLS	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	15	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°)	1 720 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	15,0	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	Height	Spectral power distribution in the	See image in last page	
	Width			2
	Depth			593
			18	

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0		Survival factor	0,90
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;

Lightsource Test Report

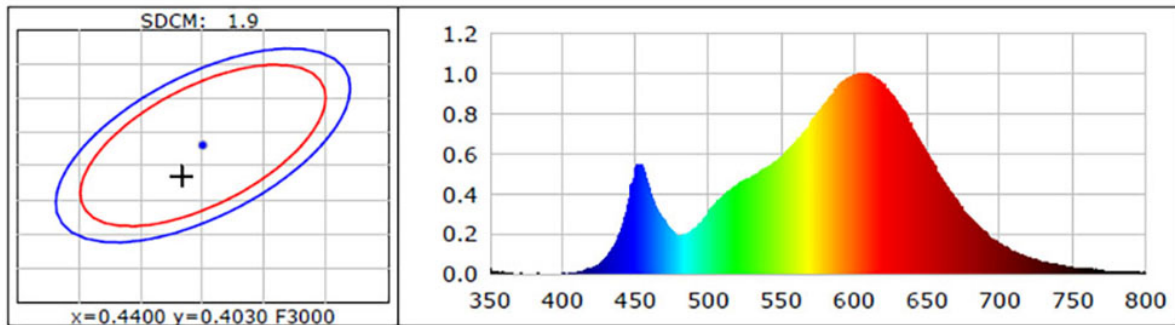
Product Information

Product Type: W600S50
Product Number: 1

Product Spec: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4383$ $y=0.3985$ $u(u')=0.2539$ $v=0.3462$ $v'=0.5194$
 CCT: $T_c=2931K$ ($duv=-0.00242$) Color Ratio: $R=0.237$ $G=0.737$ $B=0.026$
 Peak Wavelength: 607.9nm Half Bandwidth: 123.8nm
 Dominant Wavelength: 584.0nm Color Purity: 0.512
 Central Wave: 595.7nm Gravity Wave: 608.0nm
 CRI: $R_a=83.4$ TM30: $R_f=85$, $R_g=97$
 GAI: $GAI_BB_8=100.7$, $GAI_BB_15=107.5$, $GAI_EES=55.9$
 R1 =82 R2 =92 R3 =96 R4 =82 R5 =83 R6 =91 R7 =81 R8 =60
 R9 =11 R10=83 R11=81 R12=75 R13=85 R14=98 R15=75
 Color Quality Scale: $Q_a=82.6$, $Q_f=83.8$, $Q_p=85.3$, $Q_g=93.1$
 Q1 =79 Q2 =95 Q3 =83 Q4 =80 Q5 =83 Q6 =84 Q7 =83 Q8 =85
 Q9 =95 Q10=89 Q11=86 Q12=83 Q13=82 Q14=73 Q15=75



Photometric Parameters

Luminous Flux: 1752.7 lm
EEI: 0.11

Efficiency: 123.91 lm/W Radiant Power: 5.388 W
Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 94.303V
Power Factor: 1.0000

Current: 0.1500A Power: 14.15W
Frequency: 0.00Hz

Test Information

Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 47220 (3274)

Photometric Method: sphere-photometer (spec_rev)
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 215.79 ms