

# 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:** 3802954

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	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°)	300 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	2 200
On-mode power ( $P_{on}$ ), expressed in W	4,8	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 separate control gear, lighting control	Height	140	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	64	
	Depth	64	
			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)	0,509 0,417
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,10	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;

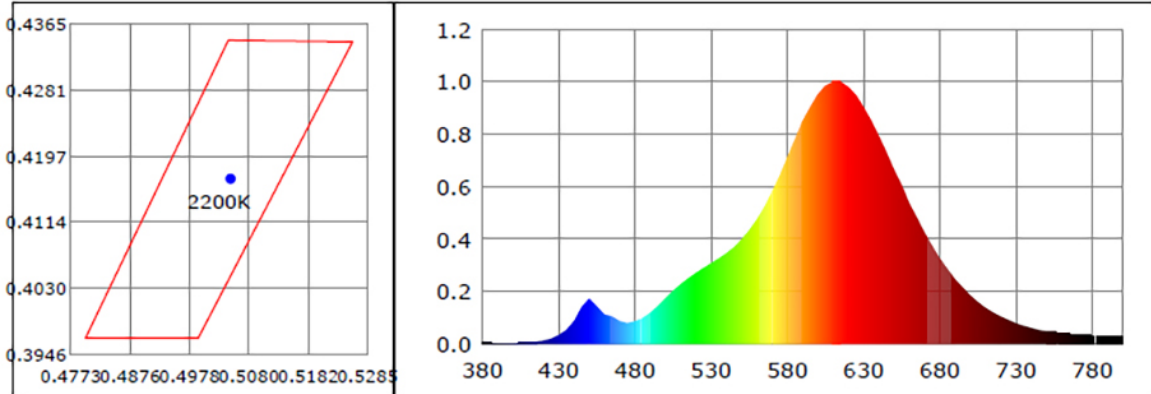
# Light Source Test Report

## Production Info

Product Type: ST64Gold E27 230V 4.8W    Product Spec: 230V 4.8W

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5049$   $y=0.4169$      $u(u')=0.2888$   $v=0.3577$   $v'=0.5365$   
CCT:  $T_c=2218K$  ( $duv=0.00051$ )    Color Ratio:  $R=0.322$   $G=0.665$   $B=0.012$   
Peak Wavelength: 615nm    Half Bandwidth: 100.6nm  
Dominant Wavelength: 587.0nm    Color Purity: 0.767  
Rendering Index:  $R_a=80.4$      $R_a'=75.7$   
 $R_1=79$      $R_2=92$      $R_3=93$      $R_4=78$      $R_5=79$      $R_6=93$      $R_7=77$      $R_8=52$   
 $R_9=2$      $R_{10}=83$      $R_{11}=79$      $R_{12}=81$      $R_{13}=82$      $R_{14}=97$      $R_{15}=70$



## Photometric Parameters

Luminous Flux: 322.8 lm  
Radiant Power: 1.047 W

Efficiency: 74.54 lm/W

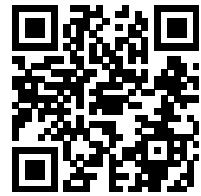
## Electric Parameters

Voltage: 230.10V    Current: 0.0220A    Power: 4.330W    Power Factor: 0.8700    Frequency: 49.99Hz

## Test Info

Scan Range: 380nm~800nm    Scan Interval: 5nm    PMT HV: -700V  
Max of Main: 1401376 (0x04,60)    Reference : 501824 (0x03)    Max of waviness: 0.261%

Model placed on the Union market from 20/12/2021



**EPREL registration number:** 1012762

<https://eprel.ec.europa.eu/qr/1012762>

**Supplier:** NAMRON AS (Importer)

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