

# Product Information Sheet

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

**Supplier's name or trade mark:** Namron

**Supplier's address:** customer service, Nedre kalbakkvei 88B, 1081 Oslo, NO

**Model identifier:** 3220254

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Termina;		
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	7	Energy efficiency class	F
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°)	526 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	2000...2800
On-mode power ( $P_{on}$ ), expressed in W	7,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,50
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	95
Outer dimensions without separate control gear, lighting control	Height	40	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	90	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	8
		Chromaticity coordinates (x and y)	0,443 0,403
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	970	Beam angle in degrees, or the range of beam angles that can be set	38
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	93	Survival factor	0,90
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,50	Colour consistency in McAdam ellipses	3
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)	0,3	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

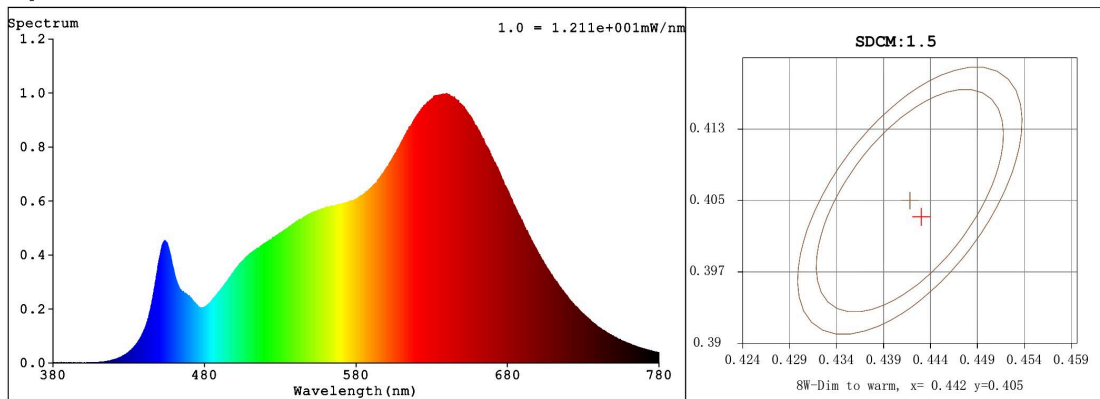
## Spectrum Test Report

Sample :  
Specification : 3220254  
Sample No. : 1  
Manufacturer :  
Date : 2022-10-17 15:50:26  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : ADMIN  
Assessor : admin

### Test Condition

Temperature : 85Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test  
RH : 65.0%  
IP : 52491 (80%)  
T : 569 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4432$   $y = 0.4033$  /  $u' = 0.2550$   $v' = 0.5220$  ( $duv = -1.12e-03$ )  $Dx, Dy: -0.0017, -0.0034$   
CCT= 2891K Prcp WL:  $L_d = 583.7nm$  Purity=54.1%  
Peak WL:  $L_p = 640nm$  FWHM: =156.7nm Ratio:R=26.3% G=70.7% B=3.0%  
Render Index:  $R_a = 96.5$  AvgR = 95.3 TM30:Rf=96 Rg=103  
R1 =95 R2 =98 R3 =96 R4 =95 R5 =96 R6 =96 R7 =99  
R8 =96 R9 =93 R10=98 R11=92 R12=87 R13=96 R14=97 R15=96  
LEVEL:OUT WHITE:ANSI\_3000K  
CQS Parameters:  $Q_a = 97.9$  GAI Parameters:  $GAI\_EES = 57.9$ ,  $GAI\_BB8:106.5$ ,  $GAI\_BB15:110.5$  TLCI Parameters  
COI:5.69

### Photometric & Radiometric Parameters

Flux = 567.65 lm Eff. : 77.93 lm/W Fe = 2.2012 W  
Scotopic:819.68 S/P:1.444 (EQE):2944.6%  
Flux of emitted photons( $\mu mol/s$ ):11.083 Fluo. and blue light ratio:12.47 Fluorescent eff.:267.3  
B: 2.0011e+003mW

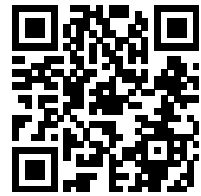
### Electrical parameters

V = 231.0 V I = 0.03301 A P = 7.284 W PF = 0.9554  
Kdisp(IEC) = 0.9733 Freq=49.99 Hz

### GBT5702

Gamut Index:  $G_a = 1.0$   
C1 =102 C2 =91 C3 =84 C4 =102 C5 =103 C6 =90 C7 =81  
C8 =99 C9 =101 C10=86 C11=103 C12=87 C13=100 C14=90 C15=101

Model placed on the Union market from 01/09/2022



**EPREL registration number:** 1391990

<https://eprel.ec.europa.eu/qr/1391990>

**Supplier:** NAMRON AS (Importer)

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