

# 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:** 3220244

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Terminal		
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	10	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°)	730 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	10,0	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	98
Outer dimensions without separate control gear, lighting control	Height	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	95	
	Depth	95	
			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)	10
		Chromaticity coordinates (x and y)	0,457 0,409
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 586	Beam angle in degrees, or the range of beam angles that can be set	35
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	91	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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report

Sample :  
Specification : 3220244  
Sample No. : 1  
Manufacturer : EVERFINE

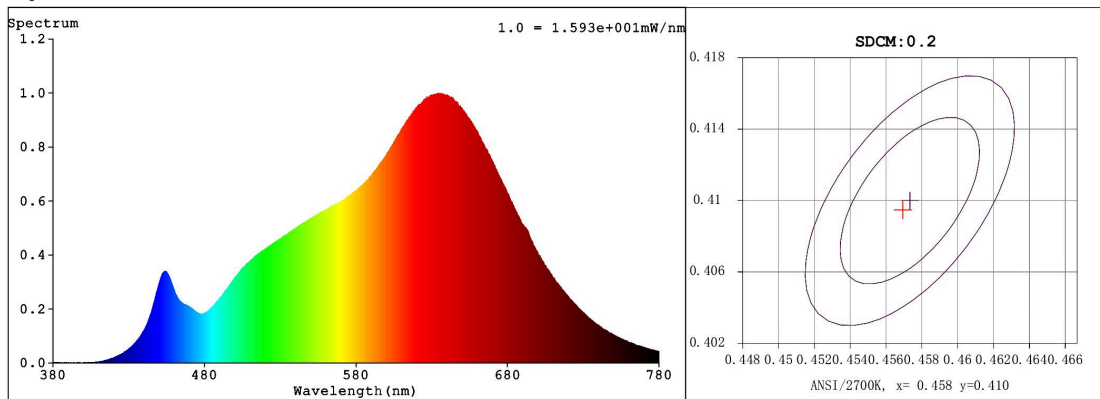
Date : 2022-10-18 09:39:31  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : admin

### Test Condition

Temperature : 20.0Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 54431 (83%)  
T : 445 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4574$   $y = 0.4096$  /  $u' = 0.2614$   $v' = 0.5266$  ( $duv = -1.69e-04$ )  $Dx, Dy: -0.0003, -0.0005$

CCT= 2727K Prcp WL:  $L_d = 584.1nm$  Purity=60.2%

Peak WL:  $L_p = 634nm$  FWHM: =151.8nm Ratio: R=27.1% G=70.3% B=2.6%

Render Index:  $R_a = 98.1$  AvgR = 97.0 TM30:Rf=96 Rg=101

R1 =99 R2 =100 R3 =97 R4 =98 R5 =99 R6 =97 R7 =98

R8 =96 R9 =91 R10=99 R11=95 R12=90 R13=99 R14=97 R15=98

LEVEL:OUT WHITE:ANSI\_2700K

CQS Parameters:  $Q_a = 97.9$  GAI Parameters: GAI\_EES = 50.4, GAI\_BB8:101.9, GAI\_BB15:105.9 TLCl Parameters  
COI:6.03

### Photometric & Radiometric Parameters

Flux = 748.40 lm Eff. : 75.51 lm/W Fe = 2.8645 W

Scotopic:1003.3 S/P:1.3407 (EQE):2841.2%

Flux of emitted photons( $\mu mol/s$ ):14.484 Fluo. and blue light ratio:14.55 Fluorescent eff.:259.6

B:  $2.6041e+003mW$

### Electrical parameters

V = 231.0 V I = 0.04471 A P = 9.911 W PF = 0.9599

Kdisp(IEC) = 0.9765 Freq=49.99 Hz

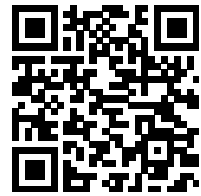
### GBT5702

Gamut Index:  $G_a = 1.0$

C1 =100 C2 =91 C3 =84 C4 =99 C5 =100 C6 =91 C7 =84

C8 =97 C9 =98 C10=86 C11=101 C12=87 C13=99 C14=89 C15=99

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



**EPREL registration number:** 1392538

<https://eprel.ec.europa.eu/qr/1392538>

**Supplier:** NAMRON AS (Importer)

**Website:** [www.namron.com](http://www.namron.com)

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