

# 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:** Namron AS, Address: Nedre kalbakkvei 88B, 1081, Oslo, Norway

**Model identifier:** 3222258

## 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	8	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°)	610 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	8,0	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	51	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)	8
		Chromaticity coordinates (x and y)	0,381 0,383
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 365	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	57	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)	0,7	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

## Spectrum Test Report

Sample :  
Specification : 3222258  
Sample No. : 3  
Manufacturer : EVERFINE

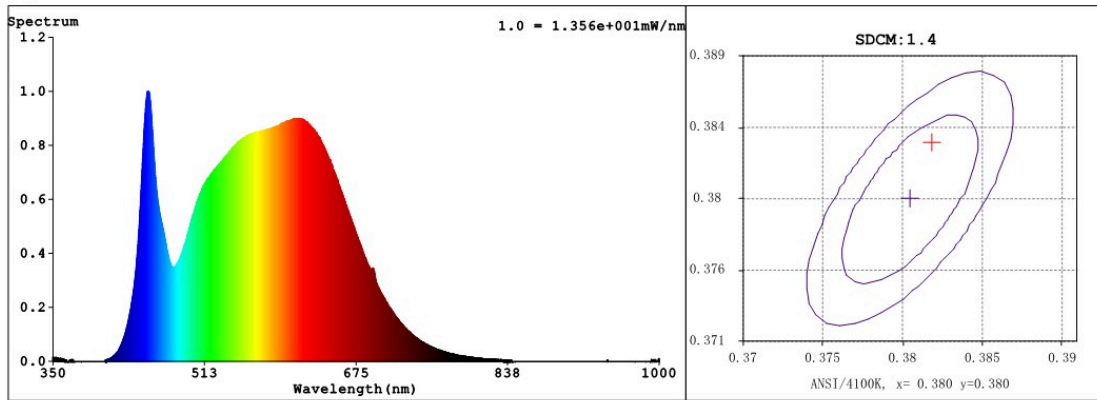
Date : 2020-09-25 11:01:30  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 53478 (82%)  
T : 403 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3814$   $y = 0.3835$  /  $u' = 0.2230$   $v' = 0.5047$  ( $duv=2.87e-03$ )  $Dx, Dy: 0.0021, 0.0075$

CCT= 4026K Prcp WL:  $L_d=577.5nm$  Purity=29.6%

Peak WL:  $L_p=452nm$  FWHM:  $=24.8nm$  Ratio: R=19.2% G=76.9% B=4.0%

Render Index:  $R_a = 90.9$  AvgR = 86.7 TM30:Rf=91 Rg=98

R1 =90 R2 =93 R3 =95 R4 =91 R5 =89 R6 =90 R7 =94

R8 =84 R9 =57 R10=83 R11=90 R12=68 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 772.55 lm Eff. : 94.35 lm/W  $F_e = 2.5884 W$

(EQE):2964%

Flux of emitted photons( $\mu mol/s$ ):12.332 Flu. and blue light ratio:5.828 Fluorescent eff.:236.5

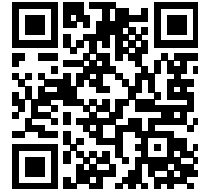
B:  $2.5884e+003mW$

### Electrical parameters

V = 231.0 V I = 0.04045 A P = 8.188 W PF = 0.8761

Kdisp(IEC) = 0 Freq=49.89 Hz

Model placed on the Union market from 01/09/2021



**EPREL registration number:** 781626

<https://eprel.ec.europa.eu/qr/781626>

**Supplier:** NAMRON AS (Importer)

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