

# 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:** 3220259

## 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)	0,459 0,414
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 183	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	88	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 : 3222235  
Sample No. : 4  
Manufacturer : EVERFINE

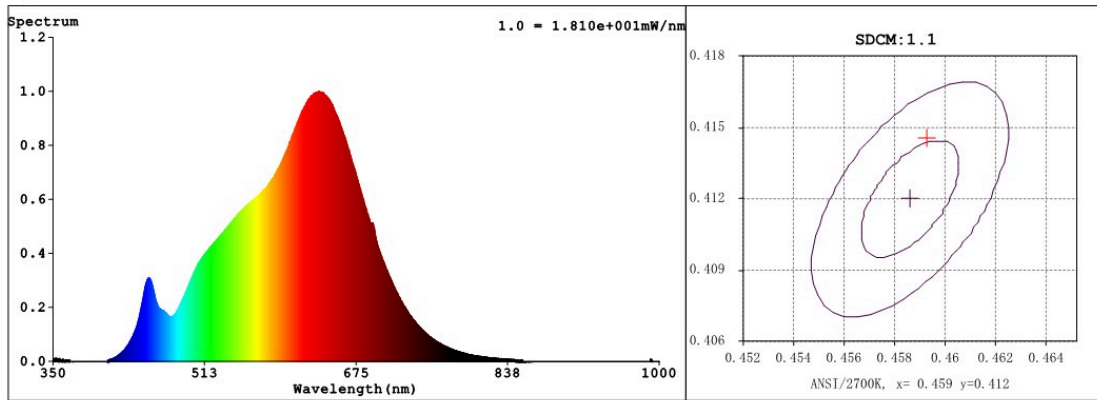
Date : 2021-04-23 09:48:21  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

Temperature : 85Deg  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 50064 (76%)  
T : 382 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4597$   $y = 0.4144$  /  $u' = 0.2607$   $v' = 0.5288$  ( $duv=1.42e-03$ )  $Dx, Dy: 0.0024, 0.0044$

CCT= 2732K Prcp WL:  $L_d=583.6nm$  Purity=62.4%

Peak WL:  $L_p=636nm$  FWHM: =155.7nm Ratio: R=26.7% G=70.8% B=2.5%

Render Index:  $R_a = 98.0$  AvgR = 96.4 TM30:Rf=96 Rg=100

R1 =99 R2 =99 R3 =96 R4 =99 R5 =99 R6 =99 R7 =99

R8 =96 R9 =88 R10=95 R11=97 R12=89 R13=99 R14=97 R15=97

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 780.72 lm Eff. : 76.14 lm/W  $F_e = 2.9843 W$

(EQE):3022.8%

Flux of emitted photons( $\mu mol/s$ ):14.957 Fluo. and blue light ratio:15.95 Fluorescent eff.:251.8

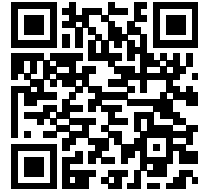
B:  $2.9843e+003mW$

### Electrical parameters

V = 230.8 V I = 0.04832 A P = 10.25 W PF = 0.9193

Kdisp(IEC) = 0.9554 Freq=49.99 Hz

Model placed on the Union market from 05/11/2022



**EPREL registration number:** 1394006

<https://eprel.ec.europa.eu/qr/1394006>

**Supplier:** NAMRON AS (Importer)

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