

# 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:** 3220245

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Termanial		
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	9	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°)	664 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	9,0	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>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,459 0,409
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 440	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	92	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.	Yes <sup>(b)</sup>	If yes then replacement claim (W)	9
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,1

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report

Sample :  
Specification : 3234644  
Sample No. : 1  
Manufacturer : EVERFINE

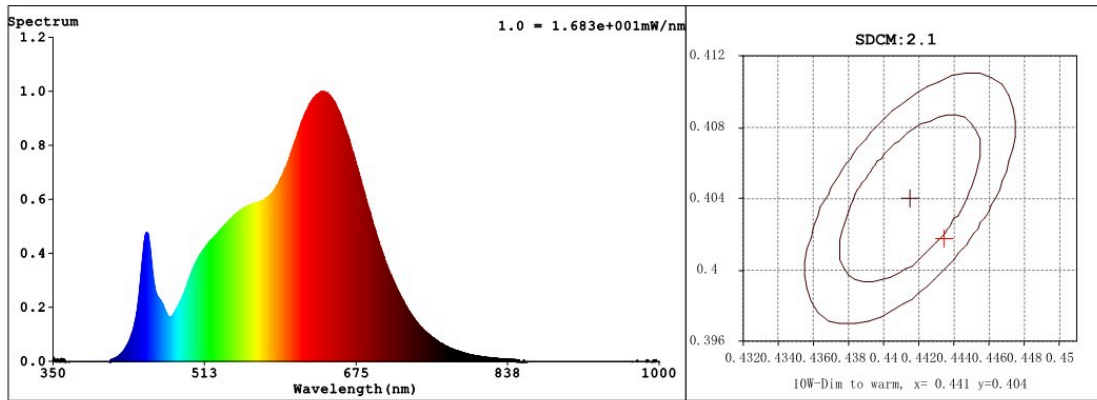
Date : 2021-06-08 14:04:47  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 47950 (73%)  
T : 415 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4429$   $y = 0.4017$  /  $u' = 0.2555$   $v' = 0.5214$  ( $duv = -1.69e-03$ )  $Dx, Dy: -0.0026, -0.0051$

CCT= 2882K Prcp WL:  $L_d = 583.9nm$  Purity=53.5%

Peak WL:  $L_p = 638nm$  FWHM: =160.8nm Ratio: R=26.3% G=70.9% B=2.8%

Render Index:  $R_a = 96.0$  AvgR = 95.2

R1 =96 R2 =99 R3 =94 R4 =93 R5 =96 R6 =98 R7 =97

R8 =95 R9 =92 R10=99 R11=91 R12=90 R13=96 R14=95 R15=96

LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 716.70 lm Eff. : 75.45 lm/W  $F_e = 2.8408 W$

(EQE):3092.2%

Flux of emitted photons( $\mu mol/s$ ):14.196 Fluo. and blue light ratio:12.80 Fluorescent eff.:254.6

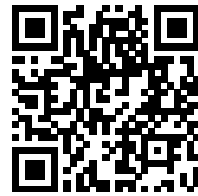
B:  $2.8407e+003mW$

### Electrical parameters

V = 230.9 V I = 0.04483 A P = 9.499 W PF = 0.9176

Kdisp(IEC) = 0.9524 Freq=49.99 Hz

Model placed on the Union market from 03/11/2022



**EPREL registration number:** 1393894

<https://eprel.ec.europa.eu/qr/1393894>

**Supplier:** NAMRON AS (Importer)

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