

# 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, Nedre kalbakkvei 88B, 1081, Oslo, Norway

**Model identifier:** 3225465

## 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°)	630 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	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	98
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	8	
		Chromaticity coordinates (x and y)	0,459 0,410	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	1 267	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	89	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 : 0  
Specification : 3225465  
Sample No. : 1  
Manufacturer : EVERFINE

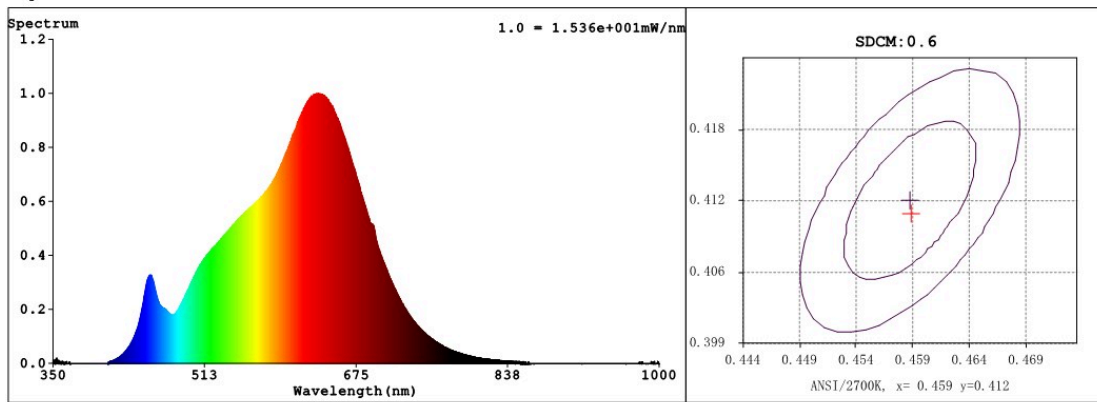
Date : 2021-04-27 18:42:04  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

Temperature : 28.5Deg  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 45897 (70%)  
T : 373 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4591$   $y = 0.4109$  /  $u' = 0.2619$   $v' = 0.5273$  ( $duv=1.68e-04$ )  $Dx, Dy: 0.0003, 0.0005$

CCT= 2713K Prcp WL:  $L_d=584.1nm$  Purity=61.1%

Peak WL:  $L_p=635nm$  FWHM: =154.5nm Ratio:R=27.1% G=70.3% B=2.6%

Render Index:  $R_a = 98.2$  AvgR = 96.9

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

R8 =96 R9 =89 R10=98 R11=96 R12=90 R13=100 R14=97 R15=98

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 657.13 lm Eff. : 80.66 lm/W  $F_e = 2.5435 W$

(EQE):3113.5%

B:  $2.5435e+003mW$

### Electrical parameters

V = 230.9 V I = 0.04001 A P = 8.147 W PF = 0.8818

Kdisp(IEC) = 0 Freq=49.99 Hz