

# 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:** 3225467

## 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°)	560 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 separate control gear, lighting control	Height	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	90	
			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)	0,455 0,410
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 239	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	84	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;

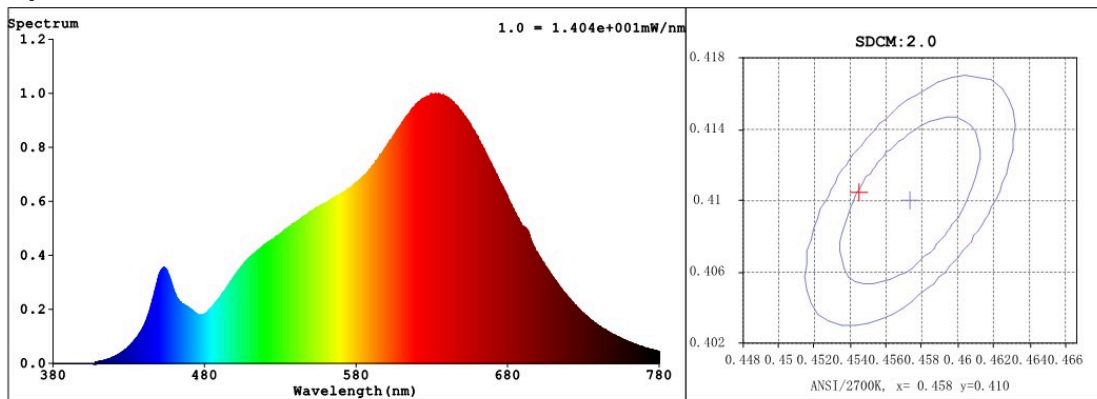
## Spectrum Test Report

Sample :  
Specification : 3225467  
Sample No. : 1  
Manufacturer :  
Date : 2022-04-14 14:19:44  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : ADMIN  
Assessor : damin

### Test Condition

Temperature : 85Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test  
RH : 65.0%  
IP : 46092 (70%)  
T : 408 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4550$   $y = 0.4106$  /  $u' = 0.2593$   $v' = 0.5266$  ( $duv=4.26e-04$ )  $Dx, Dy: 0.0007, 0.0013$

CCT= 2770K Prcp WL:  $L_d=583.7nm$  Purity=59.8%

Peak WL:  $L_p=630nm$  FWHM: =157.3nm Ratio:R=26.5% G=70.9% B=2.6%

Render Index:  $R_a = 97.6$  AvgR = 95.9 TM30:Rf=96 Rg=101

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

R8 =94 R9 =84 R10=96 R11=97 R12=89 R13=99 R14=97 R15=96

LEVEL:OUT WHITE:ANSI\_2700K

CQS Parameters:  $Q_a = 97.1$  GAI Parameters: GAI\_EES = 50.5, GAI\_BB8:99.6, GAI\_BB15:103.5 TLCI Parameters: COI:5.45

### Photometric & Radiometric Parameters

Flux = 620.22 lm Eff. : 74.62 lm/W  $F_e = 2.3300$  W

(EQE):2793.2%

Flux of emitted photons( $\mu mol/s$ ):11.753 Fluo. and blue light ratio:14.27 Fluorescent eff.:232.3

B:  $2.3300e+003mW$

### Electrical parameters

$V = 231.0$  V  $I = 0.04059$  A  $P = 8.311$  W PF = 0.8866

$K_{disp}(IEC) = 0.9333$  Freq=50.08 Hz

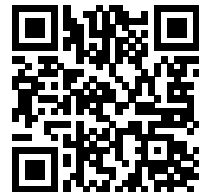
### GBT5702

Gamut Index:  $G_a=1.0$

C1 =99 C2 =89 C3 =82 C4 =98 C5 =99 C6 =90 C7 =85

C8 =96 C9 =97 C10=84 C11=100 C12=85 C13=98 C14=88 C15=98

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



**EPREL registration number:** 1233749

<https://eprel.ec.europa.eu/qr/1233749>

**Supplier:** NAMRON AS (Importer)

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

**Customer care service:**

**Name:** Namron AS

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

**Email:** [post@namron.com](mailto:post@namron.com)

**Phone:** +47 2281 2770

**Address:**

Nedre kalbakkvei 88B, 1081, Oslo, Norway