

# 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:** 3220264

## 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	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°)	660 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	2000...2800
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	95
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)	0,440 0,404
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 184	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	93	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;

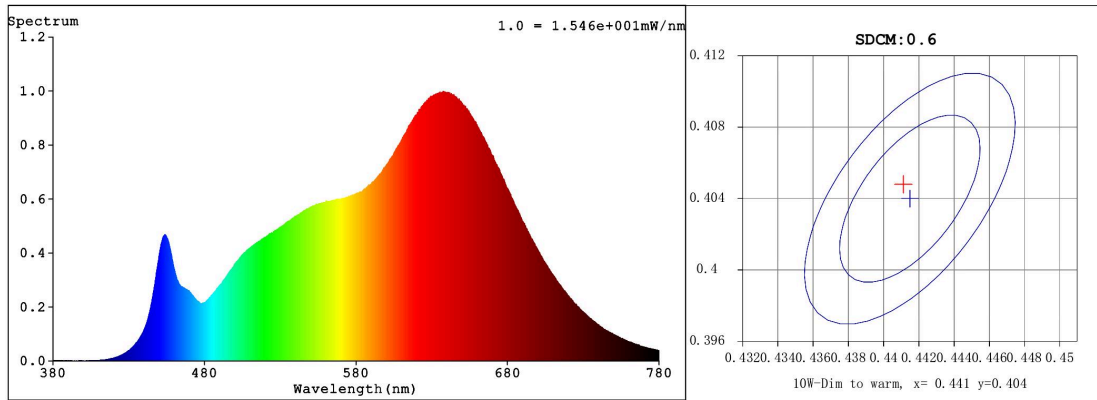
## Spectrum Test Report

Sample :	Date : 2022-10-17 16:18:08
Specification : 3220264	Sam. Status :
Sample No. : 1	Instrument : HAAS-2000(EVERFINE)
Manufacturer :	Test by : ADMIN
	Assessor : admin

### Test Condition

Temperature : 85Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52351 (80%)
Test Mode : Fast Test	T : 445 ms
	Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4406$   $y = 0.4048$  /  $u' = 0.2526$   $v' = 0.5222$  ( $duv = -2.00e-04$ )  $Dx, Dy: -0.0003, -0.0006$   
 CCT= 2945K Prcp WL:  $L_d = 583.1nm$  Purity=53.8%  
 Peak WL:  $L_p = 637nm$  FWHM: =161.1nm Ratio:R=25.8% G=71.1% B=3.1%  
 Render Index:  $R_a = 96.7$  AvgR = 95.5 TM30:Rf=95 Rg=102  
 R1 =96 R2 =99 R3 =96 R4 =96 R5 =96 R6 =97 R7 =99  
 R8 =96 R9 =93 R10=99 R11=93 R12=86 R13=96 R14=96 R15=96  
 LEVEL:OUT WHITE:ANSI\_3000K  
 CQS Parameters:  $Q_a = 97.8$  GAI Parameters:  $GAI\_EES = 57.5$ ,  $GAI\_BB8:102.9$ ,  $GAI\_BB15:107.3$  TLCl Parameters  
 COI:5.33

### Photometric & Radiometric Parameters

Flux = 738.06 lm Eff. : 80.32 lm/W  $Fe = 2.8411 W$   
 Scotopic:1079.7 S/P:1.4628 (EQE):3005.4%  
 Flux of emitted photons( $\mu mol/s$ ):14.285 Fluo. and blue light ratio:12.47 Fluorescent eff.:273.2  
 B:  $2.5828e+003mW$

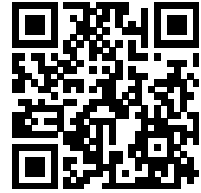
### Electrical parameters

$V = 231.0 V$   $I = 0.04168 A$   $P = 9.189 W$  PF = 0.9544  
 $K_{disp}(IEC) = 0.9732$  Freq=49.99 Hz

### GBT5702

Gamut Index:  $G_a = 1.0$   
 C1 =102 C2 =90 C3 =81 C4 =100 C5 =102 C6 =89 C7 =83  
 C8 =100 C9 =101 C10=85 C11=102 C12=86 C13=100 C14=87 C15=102

Model placed on the Union market from 01/09/2022



**EPREL registration number:** 1392067

<https://eprel.ec.europa.eu/qr/1392067>

**Supplier:** NAMRON AS (Importer)

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