

# 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 OLSO, NO

**Model identifier:** 3308410

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	other electric interface		
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:	No

## 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	23	Energy efficiency class	E
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°)	3 056 in Wide cone (120°)	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	4 000
On-mode power ( $P_{on}$ ), expressed in W	23,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,32
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	80
Outer dimensions without separate control gear, lighting control	Height	600	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	123	
	Depth	100	
			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)	0,381 0,376
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	1	Survival factor	0,90
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	5
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)	0,1	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

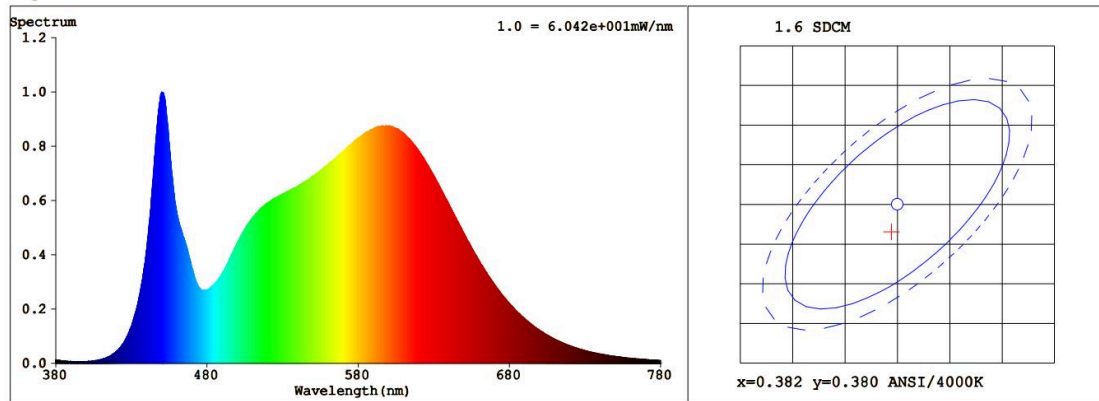
## Spectrum Test Report

Sample	:	Date	: 2021-07-01 11:01:49
Specification	: 3308410	Sam. Status	: 4000K
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: damin	Test by	: 011
Remark	:		

### Test Condition

Temperature	: 28.1Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52058 (79%)
Test Mode	: Fast Test	T	: 93 ms
Sensitivity	: High		

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3812$   $y = 0.3762$  /  $u' = 0.2258$   $v' = 0.5015$  ( $duv = -4.81e-04$ )  
 CCT= 3975K Prcp WL: Ld=579.4nm Purity=27.3%  
 Peak WL: Lp=450nm FWHM: =21.2nm Ratio:R=18.8% G=77.4% B=3.8%

Render Index: Ra = 85.6

R1 =84 R2 =91 R3 =96 R4 =85 R5 =85 R6 =88 R7 =87  
 R8 =68 R9 =19 R10=79 R11=85 R12=67 R13=86 R14=98 R15=79

LEVEL:OUT WHITE:ANSI\_4000K

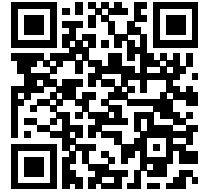
### Photometric & Radiometric Parameters

Flux = 3056.4 lm Eff. : 133.29 lm/W Fe = 9.4477 W

### Electrical parameters

V = 229.74 V I = 0.1057 A P = 22.93 W PF = 0.9445 F=50.00 Hz  
 V = 0 V I = 0 A P = 0 W PF = 0

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



**EPREL registration number:** 765870

<https://eprel.ec.europa.eu/qr/765870>

**Supplier:** NAMRON AS (Importer)

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