

# 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, NO

**Model identifier:** 3222265

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	Yes		
Anti-glare shield:	No	Dimmable:	Yes

## Product parameters

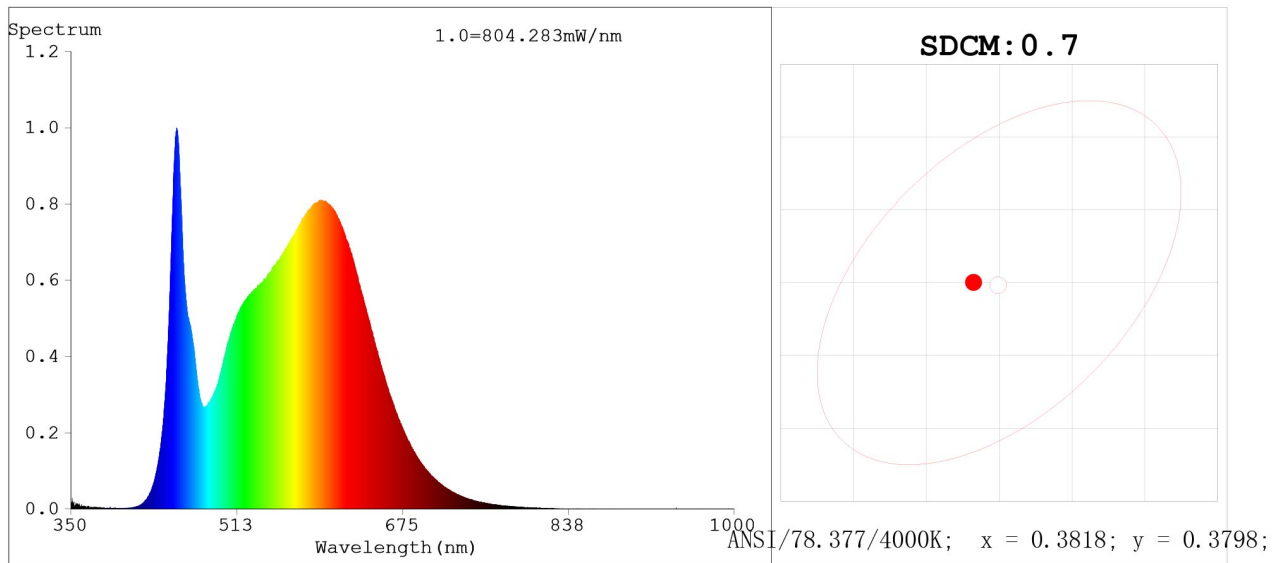
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	240	Energy efficiency class	D
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	28 796 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	240,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,00
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	81
Outer dimensions without separate control gear, lighting control	Height	323	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	323	
	Depth	220	
			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 0,379
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	12 419	Beam angle in degrees, or the range of beam angles that can be set	110
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	14	Survival factor	0,95
the lumen maintenance factor	0,90		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	1
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**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3808$   $y=0.3799$  /  $u'=0.2241$   $v'=0.5030$   
 CCT=4014K (Duv=0.0014) Dominant WL:Ld =578.3nm WL:Lc = --nm Purity=28.3%  
 Ratio:R=18.5% G=77.6% B=3.9% Peak WL:Lp=453.6nm FWHM=19.7nm  
 Render Index:Ra=84.5 AvgR=78.3 TM30:Rf=85 Rg=94

R1 =83 R2 =92 R3 =96 R4 =82 R5 =83 R6 =88 R7 =86  
 R8 =66 R9 =14 R10=80 R11=82 R12=61 R13=86 R14=99 R15=77

**Photo Parameters:**

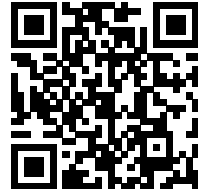
Flux = 37596 lm Eff. : 158.81 lm/W Fe = 114.2 W

**Electrical parameters:**

V = 230.52 V I = 1.066 A P = 236.7 W PF = 0.9630  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 213 ms Ip = 51235 (78%)

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



**EPREL registration number:** 746047

<https://eprel.ec.europa.eu/qr/746047>

**Supplier:** NAMRON AS (Importer)

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