

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, Address: Nedre kalbakkvei 88B, 1081, Oslo, Norway

Model identifier: 3234654

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	680 in Nar-row 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	10,0	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	10	
		Chromaticity coordinates (x and y)	0,430 0,400	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 193	Beam angle in degrees, or the range of beam angles that can be set	38	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	98	Survival factor	0,90	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_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)	0,6	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample :
Specification : 3234654
Sample No. : 4
Manufacturer : EVERFINE

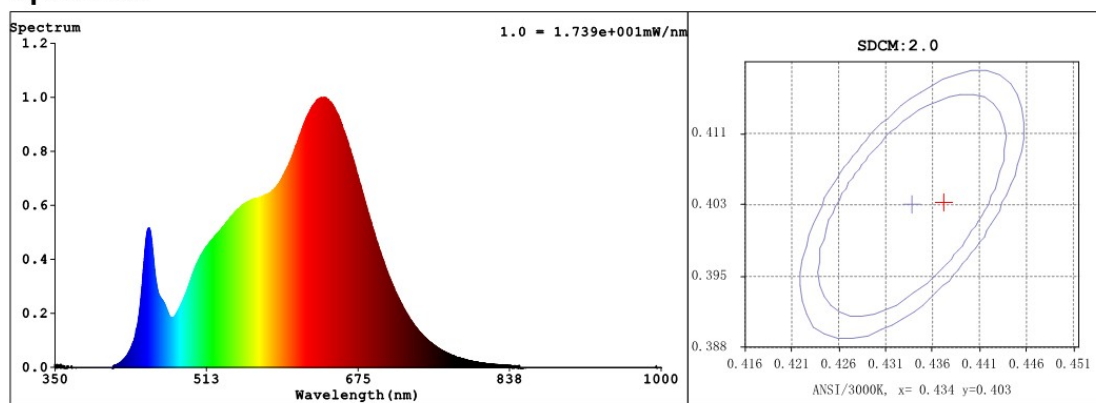
Date : 2021-05-20 15:03:01
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 85Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 55589 (85%)
T : 463 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4372$ $y = 0.4033$ / $u' = 0.2511$ $v' = 0.5211$ ($duv = -3.64e-04$) $Dx, Dy: -0.0005, -0.0011$

CCT= 2989K Prcp WL: $L_d = 583.0nm$ Purity=52.3%

Peak WL: $L_p = 639nm$ FWHM: $=166.7nm$ Ratio: $R=25.3\%$ $G=71.8\%$ $B=2.9\%$

Render Index: $R_a = 97.3$ $AvgR = 96.3$ $TM30: R_f = 96$ $R_g = 103$

$R1 = 98$ $R2 = 99$ $R3 = 94$ $R4 = 96$ $R5 = 99$ $R6 = 98$ $R7 = 98$

$R8 = 97$ $R9 = 97$ $R10 = 96$ $R11 = 94$ $R12 = 87$ $R13 = 99$ $R14 = 95$ $R15 = 98$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 778.83 lm Eff. : 79.69 lm/W $Fe = 2.9886 W$

Scotopic: 1129.7 S/P: 1.4505 (EQE): 3136.3%

Flux of emitted photons($\mu mol/s$): 14.87 Fluo. and blue light ratio: 12.26 Fluorescent eff.: 258.9

B: $2.9886e+003mW$

Electrical parameters

$V = 230.9 V$ $I = 0.04623 A$ $P = 9.773 W$ $PF = 0.9157$

$K_{disp}(IEC) = 0.9519$ Freq=49.99 Hz

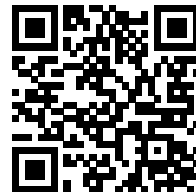
GBT5702

Gamut Index: $G_a = 1.0$

$C1 = 101$ $C2 = 88$ $C3 = 82$ $C4 = 100$ $C5 = 100$ $C6 = 87$ $C7 = 84$

$C8 = 99$ $C9 = 100$ $C10 = 83$ $C11 = 101$ $C12 = 83$ $C13 = 99$ $C14 = 88$ $C15 = 101$

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



EPREL registration number: 721733

<https://eprel.ec.europa.eu/qr/721733>

Supplier: NAMRON AS (Importer)

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Customer care service:

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Address:

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