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: 3234653

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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	700 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	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	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	See image in last page
Width	95		
Depth	95		

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)	0,459 0,414
Parameters for directional light sources:				
Peak luminous intensity (cd)		1 185	Beam angle in degrees, or the range of beam angles that can be set	35
Parameters for LED and OLED light sources:				
R9 colour rendering index value		88	Survival factor	0,90
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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;

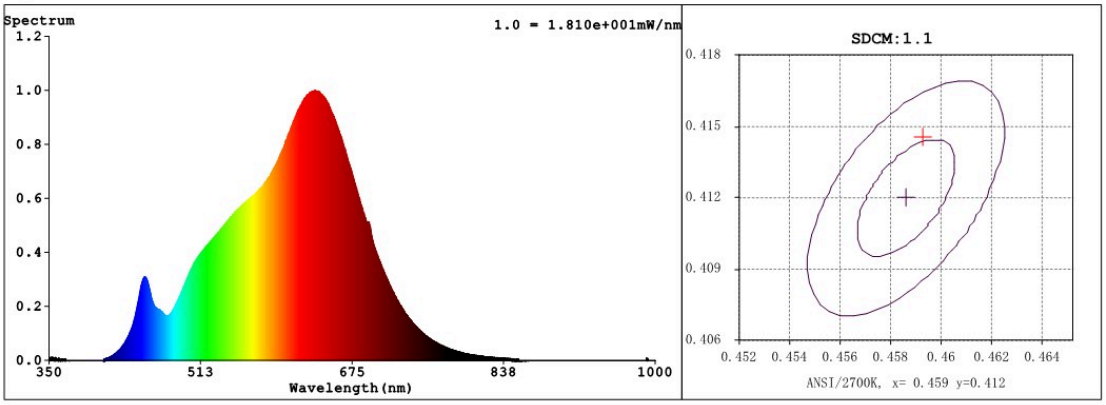
Spectrum Test Report

Sample	:	Date	: 2021-04-23 09:48:21
Specification	: 3234653	Sam. Status	:
Sample No.	: 4	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
		Assessor	: damin

Test Condition

Temperature	: 85Deg	RH	: 65.0%
WL Range	: 350nm-1000nm	IP	: 50064 (76%)
Test Mode	: Fast Test	T	: 382 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4597 y = 0.4144 / u' = 0.2607 v' = 0.5288 (duv=1.42e-03) Dx,Dy:0.0024,0.0044

CCT= 2732K Prcp WL: Ld=583.6nm Purity=62.4%

Peak WL: Lp=636nm FWHM: =155.7nm Ratio:R=26.7% G=70.8% B=2.5%

Render Index: Ra = 98.0 AvgR = 96.4 TM30:Rf=96 Rg=100

R1 =99 R2 =99 R3 =96 R4 =99 R5 =99 R6 =99 R7 =99

R8 =96 R9 =88 R10=95 R11=97 R12=89 R13=99 R14=97 R15=97

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 780.72 lm Eff. : 76.14 lm/W Fe = 2.9843 W

(EQE):3022.8%

Flux of emitted photons(umol/s):14.957 Fluo. and blue light ratio:15.95 Fluorescent eff.:251.8

B: 2.9843e+003mW

Electrical parameters

V = 230.8 V I = 0.04832 A P = 10.25 W PF = 0.9193

Kdisp(IEC) = 0.9554 Freq=49.99 Hz

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

EPREL registration number: 781613

https://eprel.ec.europa.eu/qr/781613

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

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