

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, Norway

Model identifier: 3225467

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	8	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°)	560 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	8,0	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
	Width	90	
	Depth	90	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	8
		Chromaticity coordinates (x and y)	0,455 0,410
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 239	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	84	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)	0,7	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

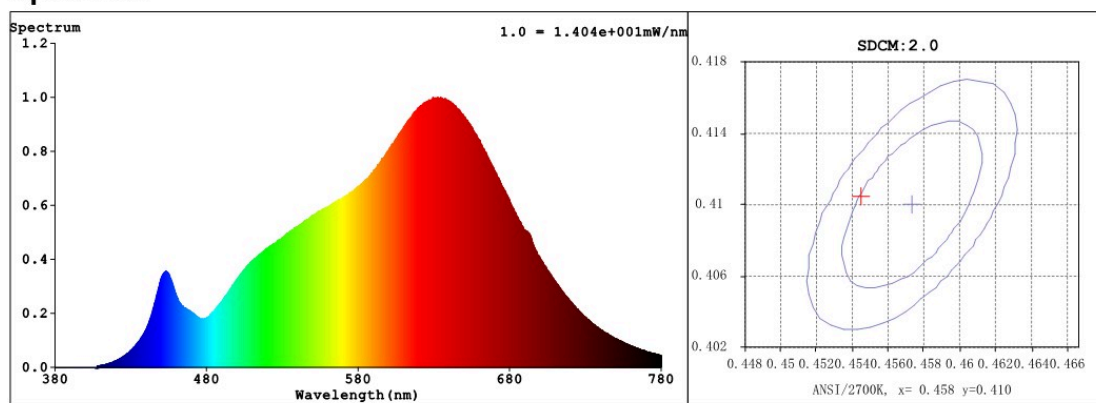
Spectrum Test Report

Sample :	Date : 2022-04-14 14:19:44
Specification : 3225467	Sam. Status :
Sample No. : 1	Instrument : HAAS-2000(EVERFINE)
Manufacturer :	Test by : ADMIN
	Assessor : damin

Test Condition

Temperature : 85Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 46092 (70%)
Test Mode : Fast Test	T : 408 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4550$ $y = 0.4106$ / $u' = 0.2593$ $v' = 0.5266$ ($duv=4.26e-04$) $Dx, Dy: 0.0007, 0.0013$
 CCT= 2770K Prcp WL: $L_d=583.7nm$ Purity=59.8%
 Peak WL: $L_p=630nm$ FWHM: =157.3nm Ratio:R=26.5% G=70.9% B=2.6%
 Render Index: $R_a = 97.6$ AvgR = 95.9 TM30:Rf=96 Rg=101
 R1 =99 R2 =99 R3 =97 R4 =99 R5 =99 R6 =98 R7 =97
 R8 =94 R9 =84 R10=96 R11=97 R12=89 R13=99 R14=97 R15=96
 LEVEL:OUT WHITE:ANSI_2700K
 CQS Parameters: $Q_a = 97.1$ GAI Parameters: GAI_EES = 50.5, GAI_BB8:99.6, GAI_BB15:103.5 TLCI Parameters:
 COI:5.45

Photometric & Radiometric Parameters

Flux = 620.22 lm Eff. : 74.62 lm/W $F_e = 2.3300$ W
 (EQE):2793.2%
 Flux of emitted photons($\mu mol/s$):11.753 Fluo. and blue light ratio:14.27 Fluorescent eff.:232.3
 B: $2.3300e+003mW$

Electrical parameters

$V = 231.0$ V $I = 0.04059$ A $P = 8.311$ W PF = 0.8866
 $K_{disp}(IEC) = 0.9333$ Freq=50.08 Hz

GBT5702

Gamut Index: $G_a=1.0$
 C1 =99 C2 =89 C3 =82 C4 =98 C5 =99 C6 =90 C7 =85
 C8 =96 C9 =97 C10=84 C11=100 C12=85 C13=98 C14=88 C15=98