

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: UNILIGHT

Supplier's address: Unilight, ul szymczaka 5 24, 01-177 Warszawa, PL

Model identifier: none

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED		
Mains or non-mains:	NMLS	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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
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°)	1 890 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	4 000
On-mode power (P_{on}), expressed in W	24,0	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	90
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)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,377 0,370	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	58	Survival factor	1,00	
the lumen maintenance factor	1,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample : 24W-DC48V-600
Specification :
Sample No. :
Manufacturer :

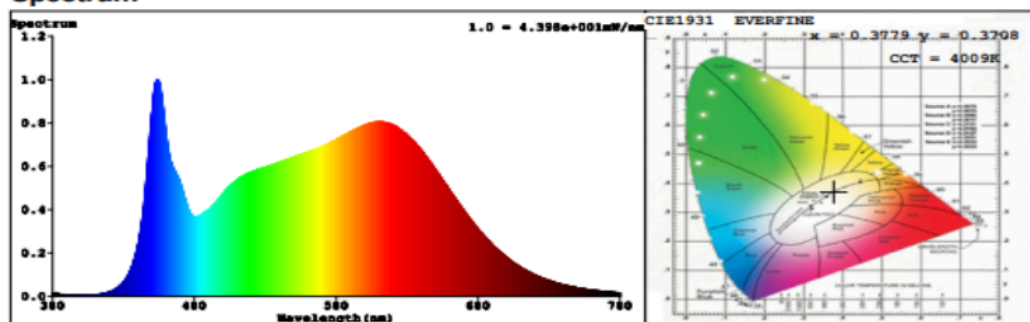
Date : 2023-07-07
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 52677 (80%)
T : 57 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3784$ $y = 0.3717$ / $u' = 0.2258$ $v' = 0.4990$ ($duv = -1.80e-03$)

CCT= 4009K Prcp WL: Ld=580.1nm Purity=25.1%

Peak WL: Lp=454nm FWHM: =25.3nm Ratio:R=20.0% G=75.3% B=4.6%

Render Index: Ra = 90.3

R1 =95 R2 =99 R3 =98 R4 =92 R5 =94 R6 =95 R7 =91

R8 =84 R9 =58 R10=96 R11=94 R12=72 R13=97 R14=100 R15=92

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 1890.01 lm Eff. : 78.31 lm/W Fe = 7.0912 W

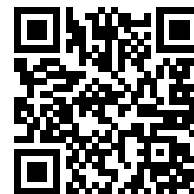
Electrical parameters

V = 48.2 V I = 0.5031 A P = 24.25 W PF = 1 F=49.99 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Model placed on the Union market from 01/09/2023



EPREL registration number: 1653368

<https://eprel.ec.europa.eu/qr/1653368>

Supplier: UNI PLATINUM SP. Z O.O. SP.K. (Importer)

Website: www.unilight.com.pl

Customer care service:

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