

Product Information Sheet

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

Supplier's name or trade mark: GLOBO Handels GmbH

Supplier's address: GLOBO Handels GmbH, Gewerbestraße 3, 9184 St. Peter, AT

Model identifier: 16024W

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	6	Energy efficiency class	E
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°)	720 in Sphere (360°)	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	5,0	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	82
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)	0,380 0,380	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	4	Survival factor	0,90	
the lumen maintenance factor	0,95			

(a) : not applicable;

(b) : not applicable;

Spectral test report for lamp

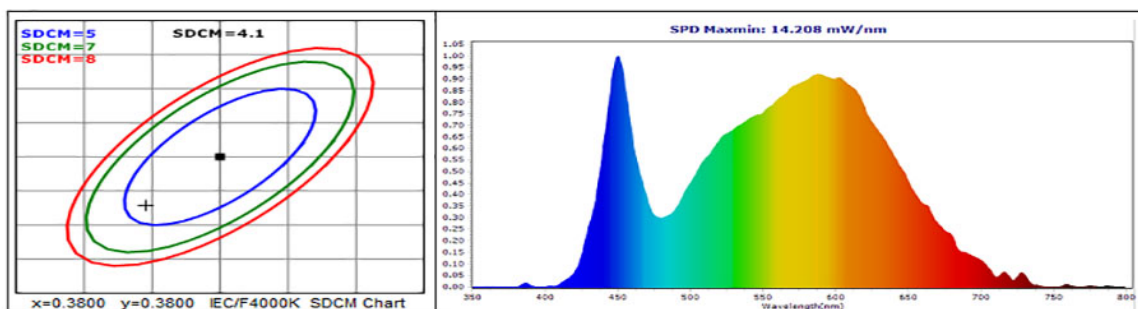
Product type : 16024WW
Product No. :
Manufacturer : TAVIC

Test time : 2024/10/20 15:15:48
Test equipment : SPEC-3000ASpectrometer
Operator : L

CIE Color Parameter

Chromaticity coordinates: $x=0.3718$ $y=0.3705$ $u=0.2219$ $v=0.3317$ $u^*=0.2219$ $v^*=0.4976$
Color temperature: 4202 K ($duv=-0.00033$) Color difference: SDCM(IEC/F4000)=4.1 Main Wavelength=484.0 nm Purity: 0.194
Peak wavelength: $\lambda_p=450.3$ FWHM: $\Delta\lambda_p=27.2$ nm Color ratio: R=0.192 G=0.774 B=0.034

Color rendering index: Ra=82.81 Color Fidelity: Rf=83.75 Color Gamut: Rg=95.57 GAI=93.2
R1=81.2 R2=88.5 R3=93.7 R4=82.1 R5=81.4 R6=83.8 R7=86.3 R8=65.4
R9=8.3 R10=72.4 R11=80.7 R12=63.5 R13=83.5 R14=96.5 R15=75.7



Optical Parameter

Luminous flux: 728.46 lm
Energy efficiency index (EEI): 134.452
MOVE=708.473 MES1=626.648

luminous efficiency: 134.45 lm/w Radiant flux: 2.216 W
Energy efficiency class: E (EU 2019/2015) (EU 874)

Electrical Parameter

Voltage(V): 36.143 Current(A): 0.1499 Watte(W): 5.418 Power factor: 1.0000

Test Information

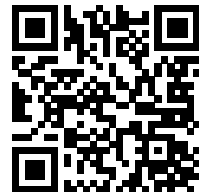
Temperature : 25.0 Deg C
Test range : 350-800nm : 1nm
Preheat time : 0.1(min)

Humidity : 65%
Peak AD. : 47042 (71.8%)
Integral time. : 3288.07 (ms)

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>

Model placed on the Union market from 16/08/2024



EPREL registration number: 2120527

<https://eprel.ec.europa.eu/qr/2120527>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

Website:

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Phone: +43425332050

Address:

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