

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: 16024H

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°)	750 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	5,5	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	150	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	150	
	Depth	1 500	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,376 0,374
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	Survival factor	0,90
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

Spectral test report for lamp

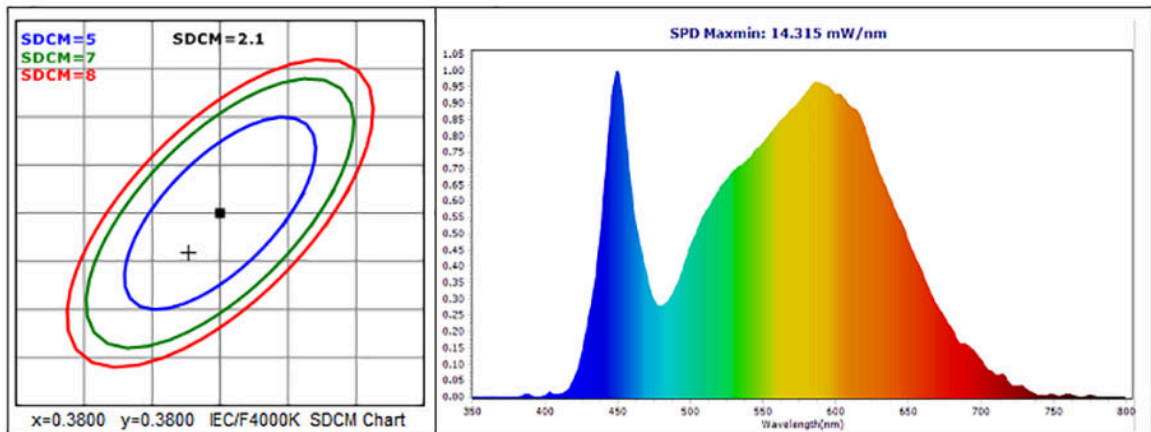
Product type : 16024H
 Product No. :
 Manufacturer :

Test time : 2024/9/20 11:57:14
 Test equipment : SPEC-3000A Spectrometer
 Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3766$ $y=0.3745$ $u=0.2235$ $v=0.3334$ $u^*=0.2235$ $v^*=0.5001$
 Color temperature: 4089 K ($\text{duv}=+0.00008$) Color difference: SDCM(IEC/F4000)=2.1 Main W: $\lambda_d=484.4$ nm Purity: 0.18
 Peak wavelength: $\lambda_p=449.8$ FWHM: $\Delta\lambda_p=26.1$ nm Color ratio: R=0.194 G=0.774 B=0.032

Color rendering index :Ra=82.12 Color Fidelity:Rf=83.35 Color GamutRg=95.46 GAI=92.58
 R1=80.2 R2=88.0 R3=93.8 R4=81.4 R5=80.5 R6=83.3 R7=85.8 R8=64.0
 R9=5.2 R10=71.5 R11=80.0 R12=63.0 R13=82.6 R14=96.6 R15=74.4



Optical Parameter

Luminous flux: 794.86 lm
 Energy efficiency index(EEI): 149.018
 MOVE=764.133 MES1=676.645

luminous efficiency:149.02 lm/w Radiant flux: 2.394 W
 Energy efficiency class:D (EU 2019/2015) (EU 874

Electrical Parameter

Voltage(V): 35.584 Current(A): 0.1499 Watte(W): 5.334 Power factor: 1.0000

Test Information

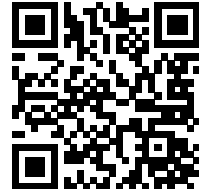
Temperature :1.301659E-05Deg C
 Test range :350-800nm : 1nm
 Preheat time :0.1(min)

Humidity :6.93434E-06
 Peak AD. :45658 (69.7%)
 Integral time. :2984.08 (ms)

MEASUREFINE

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

Model placed on the Union market from 01/08/2024



EPREL registration number: 2120517

<https://eprel.ec.europa.eu/qr/2120517>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

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