

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: 16047-4HC

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	32	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°)	3 600 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	3 000
On-mode power (P_{on}), expressed in W	29,0	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	81
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)	0,430 0,400	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	2	Survival factor	0,90	
the lumen maintenance factor	0,95			

(a) : not applicable;

(b) : not applicable;

Spectral test report for lamp

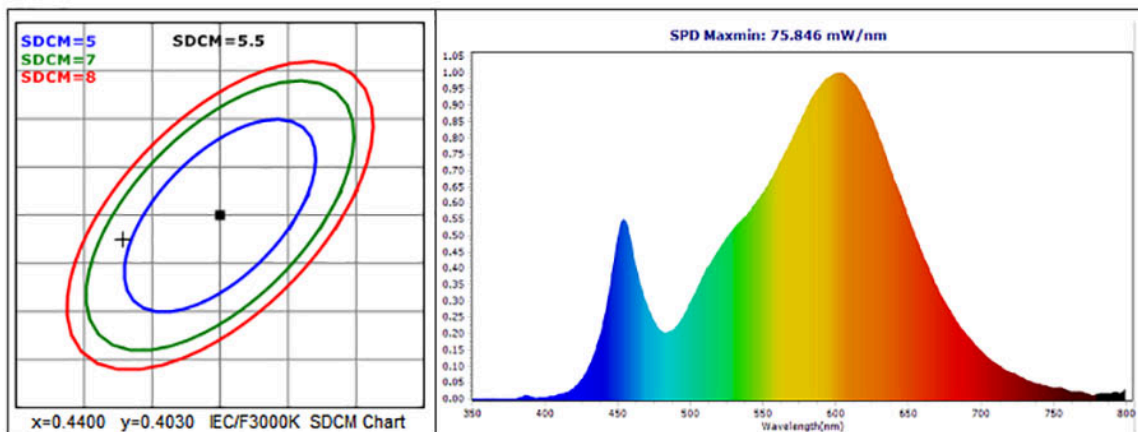
Product type : P02016-32A-G11 LED 3000K
Product No. : 16047-4H
Manufacturer : HONKON

Test time : 2023/7/29 16:16:41
Test equipment : SPEC-3000A Spectrometer
Operator : 蒋**

CIE Color Parameter

Chromaticity coordinates: $x=0.4300$ $y=0.4000$ $u=0.2478$ $v=0.3458$ $u^*=0.2478$ $v^*=0.5187$
Color temperature: 3087 K ($duv=-0.00066$) Color difference: SDCM(IEC/F3000)=5.5 Main Wl: $\lambda_d=485.1$ nm Purity: 0.044
Peak wavelength: $\lambda_p=602.8$ FWHM: $\Delta\lambda_p=128.9$ nm Color ratio: R=0.239 G=0.737 B=0.024

Color rendering index: Ra=81.15 Color Fidelity: Rf=82.68 Color Gamut Rg=95.22 GAI=93.9
R1=79.4 R2=90.1 R3=96.1 R4=78.1 R5=79.2 R6=87.0 R7=82.1 R8=57.2
R9=2.0 R10=76.6 R11=76.1 R12=67.5 R13=82.6 R14=98.5 R15=72.4



Optical Parameter

Luminous flux: 3765.08 lm
Energy efficiency index (EEI): 138.478
MOVE=3256.865 MES1=2915.569

luminous efficiency: 138.48 lm/w Radiant flux: 11.411 W
Energy efficiency class: D (EU 2019/2015) (EU 874)

Electrical Parameter

Voltage(V): 45.307 Current(A): 0.6001 Watte(W): 27.189 Power factor: 1.0000

Test Information

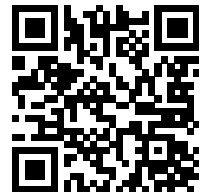
Temperature : 25.0 Deg C
Test range : 350-800nm : 1nm
Preheat time : 0(min)

Humidity : 65%
Peak AD. : 45750 (69.8%)
Integral time. : 208.1 (ms)

MEASUREFINE

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

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



EPREL registration number: 2120565

<https://eprel.ec.europa.eu/qr/2120565>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

Website:

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