

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: 16047-3HC

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	24	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°)	2 700 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	22,0	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	420	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	420	
	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)	0,430 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

Spectral test report for lamp

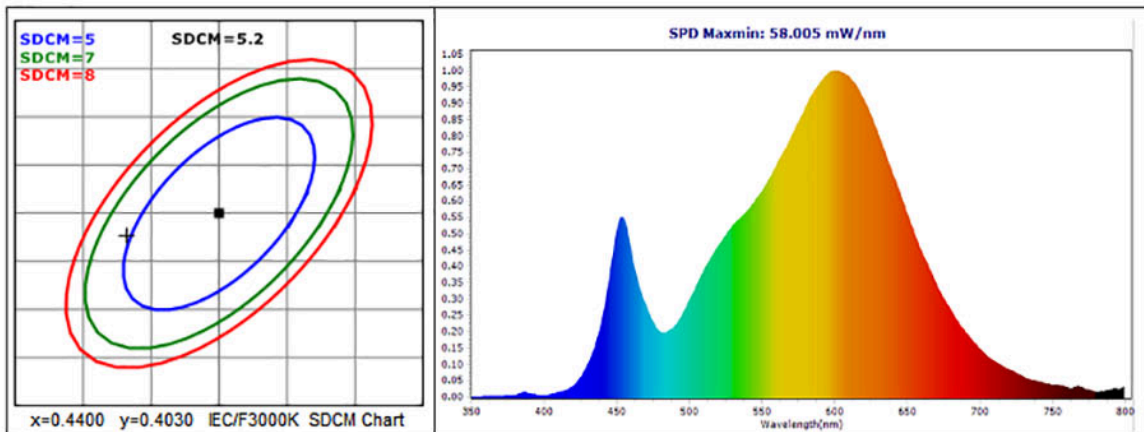
Product type : P02016-24A-G11 LED 3000K
 Product No. : 16047-3H
 Manufacturer : HONKON

Test time : 2023/7/29 16:13:33
 Test equipment : SPEC-3000A Spectrometer
 Operator : 蒋**

CIE Color Parameter

Chromaticity coordinates: $x=0.4305$ $y=0.4002$ $u=0.2481$ $v=0.3459$ $u^*=0.2481$ $v^*=0.5189$
 Color temperature: 3080 K ($duv=-0.00063$) Color difference: SDCM(IEC/F3000)=5.2 Main Wl: $\lambda_d=485.2$ nm Purity: 0.043
 Peak wavelength: $\lambda_p=600.9$ FWHM: $\Delta\lambda_p=129.3$ nm Color ratio: R=0.240 G=0.736 B=0.024

Color rendering index : Ra=81.31 Color Fidelity: Rf=82.8 Color Gamut: Rg=95.44 GAI=94.12
 R1=79.6 R2=90.0 R3=96.2 R4=78.5 R5=79.4 R6=86.9 R7=82.3 R8=57.6
 R9=2.7 R10=76.4 R11=76.6 R12=67.6 R13=82.7 R14=98.5 R15=72.6



Optical Parameter

Luminous flux: 2878.57 lm luminous efficiency: 138.61 lm/w Radiant flux: 8.75 W
 Energy efficiency index (EEI): 138.613 Energy efficiency class: D (EU 2019/2015) (EU 874)
 MOVE=2485.607 MES1=2225.56

Electrical Parameter

Voltage(V): 34.606 Current(A): 0.6001 Watte(W): 20.767 Power factor: 1.0000

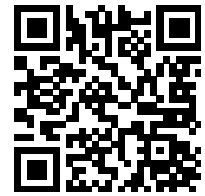
Test Infomation

Temperature : 25.0 Deg C Humidity : 65%
 Test range : 350-800nm : 1nm Peak AD. : 43774 (66.8%)
 Preheat time : 0(min) Integral time. : 260.01 (ms)

MEASUREFINE

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

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



EPREL registration number: 2120564

<https://eprel.ec.europa.eu/qr/2120564>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

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