

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: 16022-3

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

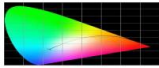
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	F
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°)	2 969 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	30,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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	80
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)	0,442 0,412	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	16	Survival factor	0,90	
the lumen maintenance factor	0,96			

(a) : not applicable;

(b) : not applicable;



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4429$ $y=0.4124$ $u=0.2508$ $v=0.3503$ $Duv=0.0026$

Chroma Coordinate: $u=0.2508$ $v=0.5255$

CCT.: CCT=2969K Dominant: $d=581.9nm$ Barycenter: $b=592nm$ Peak Wavelength: $p=609.6nm$

FWHM: 141nm Purity: $Pe=56.79\%$ Red Ratio: $R=0.23$ Green Ratio: $G=0.748$ Blue Ratio: $B=0.021$

Color CRI.: $Ra=84.11$ $AvgR(1\sim14)=78.5$ $AvgR(1\sim15)=78.33$

R 1=82	R 2=90	R 3=96	R 4=84	R 5=82	R 6=87	R 7=86
R 8=65	R 9=16	R 10=75	R 11=84	R 12=70	R 13=84	R 14=98
R 15=76						

GAI: $GAI_EES=49.94$, $GAI_BB8=88.22$, $GAI_BB15=93.15$

Luminosity Parameter

Luminous Flux(380-780nm): 2969.177lm Optical Power (380-780nm): 7.172W Efficient(380-780nm): 101.13lm/W

EEL: 0.1424 Energy Class: F (EU)2019/2015

Photons($\mu mol/s$): 11.6[380-780nm] 6[380-600nm] 10.1[500-700nm]

Photosynthetic parameters(400-700nm): PPF: 11.1 $\mu mol/s$

PAR:

Eff(PPF):

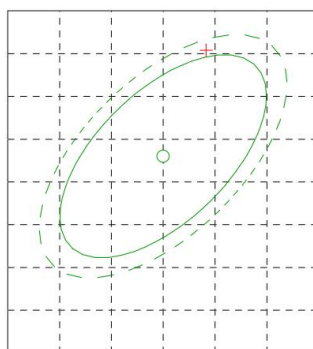
Electric Parameter

Voltage: $U=229.8V$ Current: $I=143mA$ Power: $P=29.36W$ PF: $PF=0.885$ Freq=50Hz DF=0

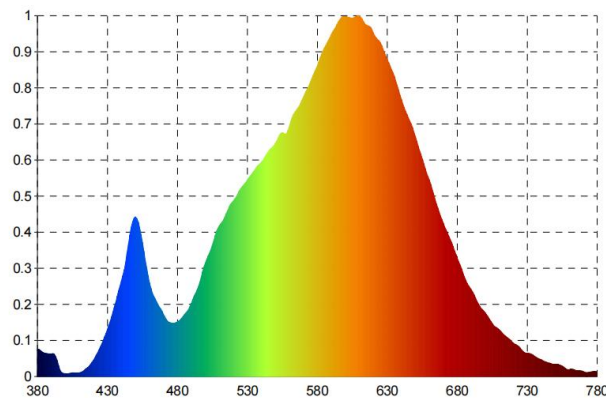
Device State

Wavelength Range: 380nm-780nm Wavelength Interval: 1nm

SDCM: 5.378



$x=0.44$ $y=0.403$ F3000



Standard: LM-79-08

Product Model: 00609-3

Sample No.: 2

Test Cond: $Tg=24.6Cels$ $Ta=24.2Cels$ $RH=60.0\%$

Test Date: 2002-10-5 4:21:1

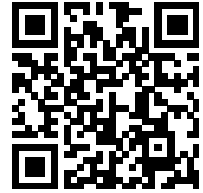
Manufacturer: Volnic

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____

Model placed on the Union market from 12/06/2024



EPREL registration number: 2057192

<https://eprel.ec.europa.eu/qr/2057192>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO Handels GmbH

Website:

Email: office@globo-lighting.com

Phone: +43425332050

Address:

Gewerbestraße 3
9184 St. Peter
Austria