

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: 78408-6

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	connection by couple connector		
Mains or non-mains:	MLS	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	12	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°)	1 600 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	11,5	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	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)	0,440 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	Survival factor	0,90	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,92	Colour consistency in McAdam ellipses	2	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

Product Information

Product Type: 78408-6-Id

Product Number: 174

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4351$ $y=0.3992$ $u(u')=0.2514$ $v=0.3461$ $v'=0.5192$ CCT: $T_c=2992K$ ($duv=-0.00169$)Color Ratio: $R=0.232$ $G=0.740$ $B=0.028$

Peak Wavelength: 603.9nm

Half Bandwidth: 123.2nm

Dominant Wavelength: 583.5nm

Color Purity: 0.504

Central Wave: 594.1nm

Gravity Wave: 597.4nm

CRI: $R_a=83.1$ TM30: $R_f=84$, $R_g=95$ GAI: $GAI_BB_8=97.2$, $GAI_BB_15=105.0$, $GAI_EES=55.6$

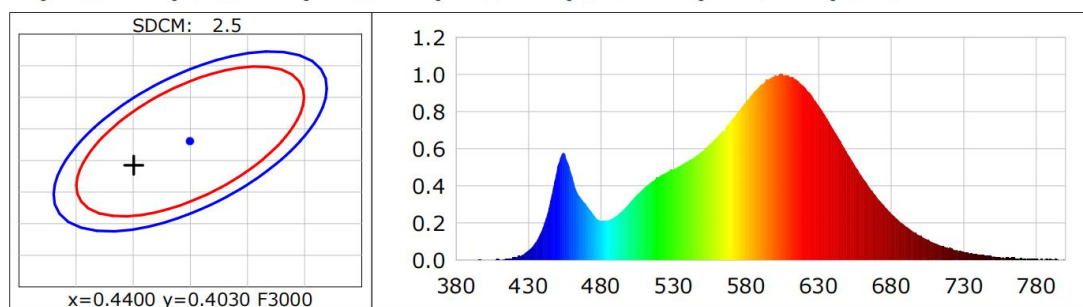
R1 =82	R2 =93	R3 =95	R4 =81	R5 =83	R6 =92	R7 =81	R8 =59
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R9 =9	R10=83	R11=80	R12=73	R13=85	R14=98	R15=75	
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Color Quality Scale: $Q_a=82.6$, $Q_f=84.1$, $Q_p=84.3$, $Q_g=91.8$

Q1 =79	Q2 =95	Q3 =83	Q4 =79	Q5 =83	Q6 =84	Q7 =84	Q8 =86
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Q9 =95	Q10=90	Q11=86	Q12=83	Q13=82	Q14=73	Q15=75	
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Photometric Parameters

Luminous Flux: 1618.2 lm

Efficiency: 128.22 lm/W

Radiant Power: 4.894 W

Total mains efficacy: 128.22 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 229.40V

Current: 0.1090A

Power: 12.62W

Power Factor: 0.5030

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec ALC.: 1.0000

Max of Signal: 44127 (4179)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 350.03 ms

Condition: $T_x=29.4^{\circ}C$, $T_i=28.0^{\circ}C$, R.H.:60%

Test Lab:

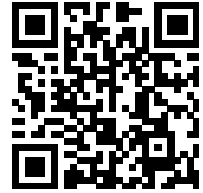
Operator:

Test Device: CMS-2S (Plus)

Test Time: 2022-09-29 10:50:15

Inspector:

Model placed on the Union market from 05/01/2023



EPREL registration number: 1776202

<https://eprel.ec.europa.eu/qr/1776202>

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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