

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: GLOBO

Supplier's address: GLOBO LIGHTING, Gewerbestrasse 3 9184 St. Peter, 9184, AT

Model identifier: 48025WSH

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	NO		
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:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	23	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°)	2 450 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	3000...6000
On-mode power (P_{on}), expressed in W	23,0	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	81
Outer dimensions without separate control gear, lighting control	Height	370	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	370	
	Depth	10	
			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)	0,455 0,411
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	Survival factor	0,90
the lumen maintenance factor	0,96		

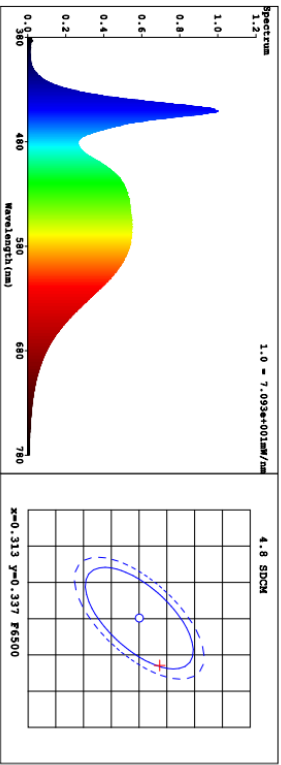
(a) : not applicable;

(b) : not applicable;

Sample :
 Specification : 48025WSH
 Sample No. : 2
 Manufacturer :
 Remark :
 Date : 2021-07-16
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Test by : Jarvis

Test Condition
 Temperature : 25.1Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test
 Sensitivity : High
 RH : 55.1%
 IP : 46128 (70%)
 T : 44 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3195$ $y = 0.3407$ / $u' = 0.1982$ $v' = 0.4754$ ($duv=5.78e-03$)
 CCT = 6092K Prop WL: $Ld=498.7nm$ Purity=4.3%
 Peak WL: $Lp=451nm$ FWHM: $=25.0nm$ Ratio: $R=13.5\%$ $G=81.4\%$ $B=5.2\%$

Render Index: $Ra = 81.7$
 $R1 = 79$ $R2 = 86$ $R3 = 91$ $R4 = 82$ $R5 = 80$ $R6 = 81$ $R7 = 88$
 $R8 = 68$ $R9 = -1$ $R10 = 66$ $R11 = 81$ $R12 = 61$ $R13 = 80$ $R14 = 95$ $R15 = 73$
 WHITE:ANSI_6500K

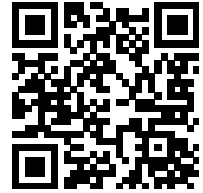
Photometric & Radiometric Parameters

Flux = 2506.1 lm Eff: 109.73 lm/W Fe = 7.9920 W Scotopic:5409.5 S/P:2.1585

Electrical parameters

$V = 38.07V$ $I = 0.59999A$ $P = 22.84W$ $PF = 1.000$ $F=0.00Hz$

Model placed on the Union market from 01/09/2021



EPREL registration number: 882318

<https://eprel.ec.europa.eu/qr/882318>

Supplier: Globo Handels GmbH (Importer)

Website:

Customer care service:

Name: GLOBO LIGHTING

Website:

Email: office@globo-lighting.com

Phone: 0043 4253 32050 086

Address:

Gewerbestrasse 3 9184 St. Peter

9184

Austria