

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: switchboard, Gewerbestrasse, AT

Model identifier: 65001D2

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	54	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°)	5 050 in Wide cone (120°)	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	54,0	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	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,452	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	Survival factor	0,90	
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

ZHONGSHAN RED LIGHTING CO.,LTD

Product test report

Product information:

Product model:65001D2

Test time:2021-07-11 15:43:05

Product number:

Environment humidity:65.0 %

Production merchant:REDLIGHTING

Environment Temperature:0.0 °C

Tester:R-01

Verification:QC01

Test system:Huzhou Sinopol SPL720 Spectral analysis system

CIE Parameter:

Coordinate: $x=0.4526, y=0.4094$

CCT:Tc=3021 K

Purity: Purity=58.7%

$u=0.2583, v=0.3505$

Main Wave: $\lambda_d=583.7\text{nm}$

Peak Wave: $\lambda_p=605\text{nm}$

Half Width: $\Delta\lambda_d=119.2\text{nm}$

Red Ratio: R=24.1%

Chromatism : SDCM=6.4

Color rendering property :Ra=81.4

R1=79

R2=90

R3=97

R4=79

R5=80

R6=88

R7=82

R8=56

R9=10

R10=77

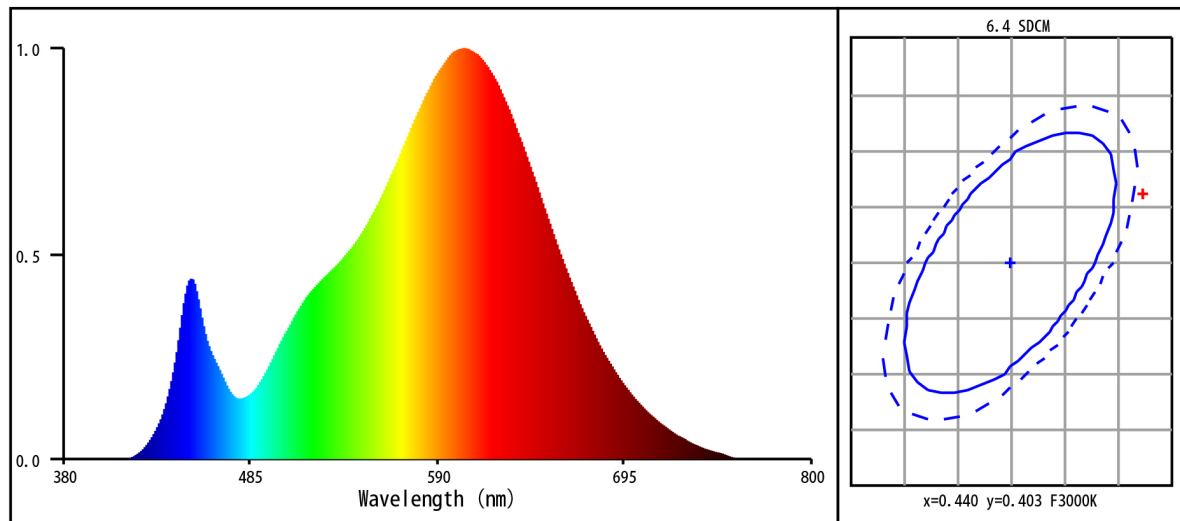
R11=78

R12=70

R13=81

R14=99

R15=72



Other parameters:

Flux: $\Phi=5049.22\text{ Lm}$

Efficiency:Effi=97.5 Lm/W

Stability:%=0.05 %

Voltage:V=229.96 V

Current:I=0.238 A

Power:P=51.810 W

Power factor:PF=0.946