

Product Information Sheet

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

Supplier's name or trade mark: einlicht

Supplier's address: Vertrieb, Schmalbachstrasse 16, 38112 Braunschweig, DE

Model identifier: 1453760

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	other		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
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	22	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°)	2 800 in Nar-row cone (90°)	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	5 700
On-mode power (P_{on}), expressed in W	22,0	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)	0,348 0,361	
Parameters for directional light sources:				
Peak luminous intensity (cd)	-	Beam angle in degrees, or the range of beam angles that can be set	-...-	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	0,95	
the lumen maintenance factor	0,90			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	-	Colour consistency in McAdam ellipses	-	
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)	-	Stroboscopic effect metric (SVM)	-	

(a), - : not applicable;

(b), - : not applicable;

Spectral test report for lamp

Product type : 0806-4-64 22W Flood
Product No. :
Manufacturer :

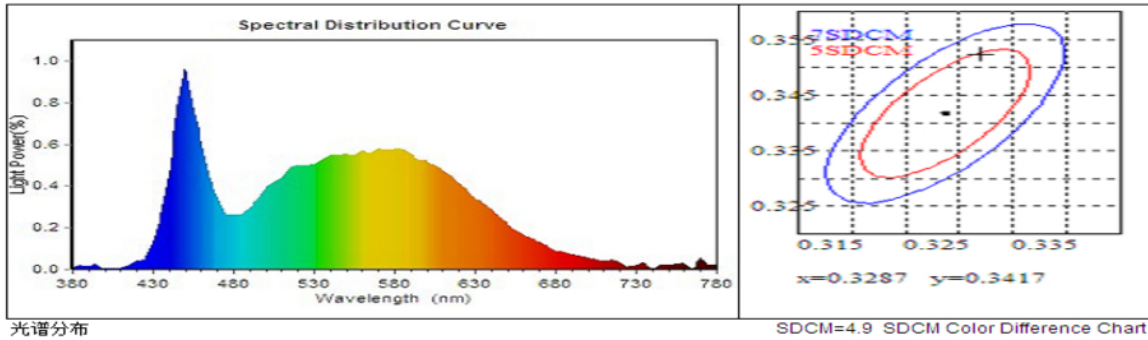
Test date. : 2024-01-10
Test equipment : SPEC3000A Spectrometer
Operator. : LiaoLW

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 46604 (71.1%)
Integral time. : 679ms

Spectral Parameter



光谱分布

SDCM=4.9 SDCM Color Difference Chart

CIE Color Parameter

Chromaticity coordinates: $x=0.3319$ $y=0.3524$ $u=0.2022$ $v=0.3221$ ($duv=0.0059$)
Color temperature: $TC=5526$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.294$
Peak wavelength: $\lambda_p=449.9$ nm FWHM: $\Delta\lambda_p=22.5$ nm Color ratio: $R=15.39\%$ $G=80.16\%$ $B=4.45\%$

Color rendering index (Ra): $Ra=81$

$R1=78.1$ $R2=86.4$ $R3=92.3$ $R4=80.3$ $R5=79.4$ $R6=81.3$ $R7=85.9$ $R8=63.6$
 $R9=6.8$ $R10=68.1$ $R11=79.3$ $R12=60.1$ $R13=81.0$ $R14=96.0$ $R15=71.9$

Optical Parameter

Luminous flux: 2894.19 lm luminous efficiency: 131.68 lm/w Radiant flux: 8.8647 W

Electrical Parameter

Voltage: 24.0 V Current: 0.9116 A Watte: 21.979 W Power factor: 1.000

MEASUREFINE

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

Model placed on the Union market.



EPREL registration number: 2301120

<https://eprel.ec.europa.eu/qr/2301120>

Supplier: ETT Distribution GmbH (Manufacturer)

Website: <https://www.ett-online.de>

Customer care service:

Name: Vertrieb

Website: www.ett-online.de

Email: service@ett-online.de

Phone: 0531-581100

Address:

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