Product Information Sheet

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

Supplier's name or trade mark: TM LECOM

Supplier's address: Geschäftsführung, Simrockstraße 96, 40235 Düsseldorf Düsseldorf Düsseldorf, DE

Model identifier: RS-CP01-W40-3D SKY

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	LED Panel		
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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 600 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	6 000
On-mode power (P_{on}), expressed in W	40,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,90
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,90	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	87
Outer dimensions without separate con-	Height: 620	Spectral power distribution in the	See image in last page
	Width: 620		
	Depth: 9		

trol 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)	0,375 0,374
Parameters for directional light sources:				
Peak luminous intensity (cd)		247	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,96
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,98	Colour consistency in McAdam ellipses	5
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)		0,1	Stroboscopic effect metric (SVM)	0,1

[a] '-' : not applicable;

[b] '-' : not applicable;

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Lightsource Test Report

Product Infomation

Product Type: 620-620-40W-蓝天白云　　Product Number: 2

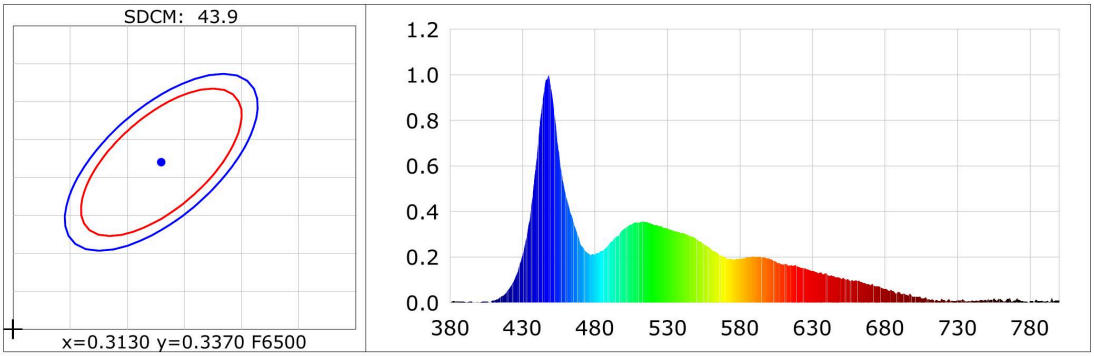
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.2528 y=0.2685　u(u')=0.1769 v=0.2818 v'=0.4228
CCT: Tc=17660K (duv=0.00814)　　Color Ratio: R=0.108 G=0.805 B=0.087
Peak Wavelength: 447.9nm　　Half Bandwidth: 21.3nm
Dominant Wavelength: 480.4nm　　Color Purity: 0.330
CRI: Ra= 88.7　　TM30: Rf= 86, Rg= 97

R1 =89	R2 =89	R3 =88	R4 =88	R5 =89	R6 =86	R7 =94	R8 =87
R9 =47	R10=74	R11=85	R12=64	R13=89	R14=94	R15=87	

Color Quality Scale: Qa= 90.5, Qf= 89.2, Qp= 92.9, Qg= 96.2

Q1 =93	Q2 =98	Q3 =85	Q4 =83	Q5 =90	Q6 =92	Q7 =92	Q8 =96
Q9 =96	Q10=91	Q11=92	Q12=93	Q13=93	Q14=86	Q15=89	



Photometric Parameters

Luminous Flux: 1487.71 lm　　Efficiency: 34.00 lm/W　　Radiant Power: 5.816 W
EEI: 0.40　　Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 230.50V　　Current: 0.1968A　　Power: 43.75W
Power Factor: 0.9650　　Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms　　Photometric Condition: Sphere diameter: 2.00m, 4π
Max of Signal: 42326 (4540)　　CCD Integration Time: 1717.00 ms

Condition: Tx:25.3'C, Ti:21.9'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2021-04-23 09:47:52
Operator:　　Inspector:

Model placed on the Union market from 01/06/2019

EPREL registration number: 1015729

https://eprel.ec.europa.eu/qr/1015729

Supplier: WR Elektro GmbH (Importer)

Website: www.wrelektro.de

Customer care service:

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