Product Information Sheet

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

Supplier's name or trade mark: Moree

Supplier's address: Moree Germany GmbH, Kaiserswerther Markt 11, 40489 Düsseldorf, DE

Model identifier: 20-04-01

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	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	9	Energy efficiency class	F
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)	960 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	2700...6500
On-mode power (P_{on}), expressed in W	9,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,40
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,40	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, light-	Height	137	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	73		
	Depth	73		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,313 0,337
Parameters for LED and OLED light sources:				
R9 colour rendering index value		22	Survival factor	0,55
the lumen maintenance factor		0,55		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

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Lightsource Test Report

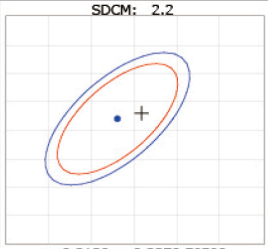
Product Infomation

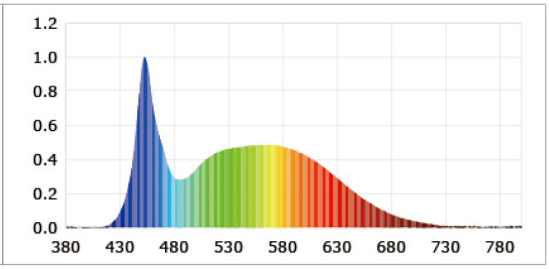
Product Category: LED Bulb
Product Type: FUT012
Product Spec: 9W RGB+CCT
Product Number: C
Manufacturer: MiBOXER

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3158 y=0.3380 u(u')=0.1966 v=0.3157 v'=0.4735
CCT: Tc=6286K (duv=0.00622)
Color Ratio: R=0.134 G=0.807 B=0.059
Peak Wavelength: 453nm
Half Bandwidth: 24.5nm
Dominant Wavelength: 495.2nm
Color Purity: 0.056
CRI: Ri: Ra= 85.1

R1 =84	R2 =88	R3 =88	R4 =87	R5 =83	R6 =81	R7 =93	R8 =77
R9 =22	R10=68	R11=86	R12=49	R13=85	R14=94	R15=81	





Photometric Parameters

Luminous Flux: 960.5 lm
Efficiency: 111.69 lm/W
Radiant Power: 3.043 W
Pupil Flux: 1810.6 Plm
Pupil Lumens Per Watt: 210.54 Plm/W
Pupil Factor (Kp): 1.885
Cirtopic Flux: 4173.4 lm
Mesopic Flux (CIE R.): 1325.3 lm (Lp= 0.100 cd/m2, S/P= 2.25)
Mesopic Flux (USP): 1580.4 lm (Lp= 0.100 cd/m2, S/P= 2.25)
Mesopic Flux (MOVE): 1386.6 lm (Lp= 0.100 cd/m2, S/P= 2.25)

Electric Parameters

Voltage: 219.90V
Current: 0.0820A
Power: 8.60W
Power Factor: 0.4770
Frequency: 50.00Hz

Test Infomation
Scan Range: 380nm~800nm:1nm
Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms
Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 46127 (2907)
CCD Integration Time: 323.80 ms

Condition: Tx:33.0'C, Ti:0.0'C
Test Device: Inventfine CMS-2S (Plus)
Test Lab:
Test Time: 2021-08-04 16:08:04
Operator:
Inspector: