

Product Information Sheet

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

Supplier's name or trade mark: DR. FISCHER

Supplier's address: Quality, Nikolaus-Otto-Strasse 3, 65582 Diez Diez Rhein-Lahn-Kreis, DE

Model identifier: T22 15W 230-240V E14 CL

Type of light source:

Lighting technology used:	other	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	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	15	Energy efficiency class	G
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°)	90 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	2 700
On-mode power (P_{on}), expressed in W	15,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,82
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	98
Outer dimensions without separate control gear, lighting control	Height	48	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	22	
	Depth	22	
			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)	0,524 0,415

(a): not applicable;

(b): not applicable;

Lightsource Test Report

Product Information

Product Type: OVEN LAMP T22 230V 15W E14

Product Number: 14

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5242$ $y=0.4159$ $u(u')=0.3021$ $v=0.3594$ $v'(v)=0.5392$

CCT: $T_c=2036K$ ($duv=0.00065$)

Color Ratio: $R=0.337$ $G=0.648$ $B=0.015$

Peak Wavelength: 800.8nm

Half Bandwidth: 121.6nm

Dominant Wavelength: 588.4nm

Color Purity: 0.822

CRI: $R_a=98.7$

TM30: $R_f=99$, $R_g=99$

R1 =99

R2 =99

R3 =99

R4 =99

R5 =98

R6 =98

R7 =99

R8 =98

R9 =96

R10=98

R11=98

R12=97

R13=99

R14=100

R15=98

Color Quality Scale: $Q_a=85.5$, $Q_f=97.2$, $Q_p=96.4$, $Q_g=85.9$

Q1 =87

Q2 =87

Q3 =87

Q4 =87

Q5 =87

Q6 =87

Q7 =86

Q8 =86

Q9 =85

Q10=83

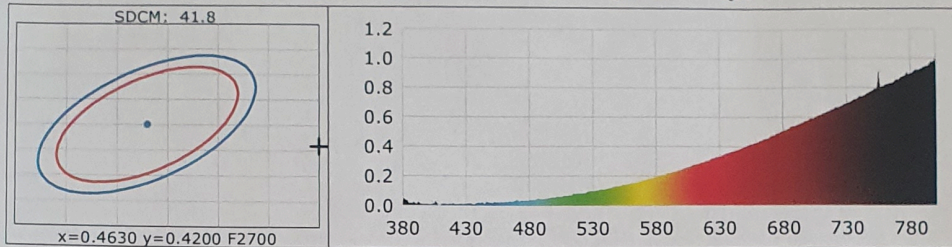
Q11=83

Q12=84

Q13=85

Q14=85

Q15=87



Photometric Parameters

Luminous Flux: 90 lm
EEI: 1.90

Efficiency: 2.81 lm/W
Energy Efficiency Class: G

Radiant Power: 0.389 W

Electric Parameters

Voltage: 230.13V
Power Factor: 1.0000

Current: 0.0622A
Frequency: 50.00Hz

Power: 14.32W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 33462 (3356)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 6611.97 ms

Condition: Tx:23.7°C, Ti:21.9°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2020-11-16 16:39:42
Inspector:

Model placed on the Union market from 01/01/2024.



EPREL registration number: 1956021

<https://eprel.ec.europa.eu/qr/1956021>

Supplier: Dr. Fischer Speziallampen Vertriebsgesellschaft mbH (Importer)

Website: <http://www.dr-fischer-group.com/>

Customer care service:

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