

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: T29 40W E14 230-240V 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:	No	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	40	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°)	320 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	2 600
On-mode power (P_{on}), expressed in W	40,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,10
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	100
Outer dimensions without separate control gear, lighting control	Height	73	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	29	
	Depth	29	
			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)	0,474 0,414

(a): not applicable;

(b): not applicable;

Lightsource Test Report

Product Information

Product Type: OVEN LAMP T29 230V 40W E14

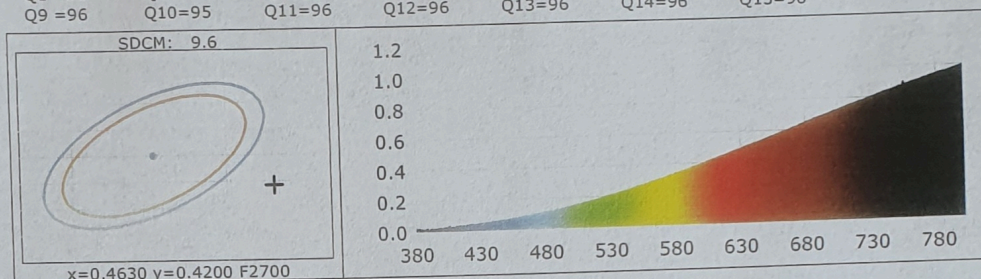
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4745$ $y=0.4142$ $u(u')=0.2703$ $v=0.3540$ $v'=0.5309$
 CCT: $T_c=2534K$ ($duv=0.00031$) Color Ratio: $R=0.280$ $G=0.694$ $B=0.026$
 Peak Wavelength: 799.5nm Half Bandwidth: 166.6nm
 Dominant Wavelength: 585.0nm Color Purity: 0.668
 CRI: $R_a=99.8$ TM30: $R_f=100$, $R_g=100$

R1 =100	R2 =100	R3 =100	R4 =100	R5 =100	R6 =100	R7 =100	R8 =100
R9 =99	R10=100	R11=100	R12=99	R13=100	R14=100	R15=100	

Color Quality Scale: $Q_a=96.0$, $Q_f=99.4$, $Q_p=99.2$, $Q_g=96.1$

Q1 =96	Q2 =96	Q3 =97	Q4 =96	Q5 =96	Q6 =96	Q7 =96	Q8 =96
Q9 =96	Q10=95	Q11=96	Q12=96	Q13=96	Q14=96	Q15=96	



Photometric Parameters

Luminous Flux: 299.74 lm
 EEI: 1.35

Efficiency: 7.44 lm/W
 Energy Efficiency Class: G

Radiant Power: 2.177 W

Electric Parameters

Voltage: 230.22V
 Power Factor: 1.0000

Current: 0.1750A
 Frequency: 50.00Hz

Power: 40.29W

Test Information
 Scan Range: 380~800:1nm
 Stabilization Time: 0 Min
 Max of Signal: 46166 (2991)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4T
 CCD Integration Time: 1868.93 ms

Condition: $T_x:27.0^{\circ}C$, $T_i:25.9^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventine CMS-2S (Plus)
 Test Time: 2020-11-18 15:11:05
 Inspector:

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



EPREL registration number: 1956045

<https://eprel.ec.europa.eu/qr/1956045>

Supplier: Dr. Fischer Speziallampen Vertriebsgesellschaft mbH (Importer)

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

Customer care service:

Name: Quality

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