

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: Alpignano Lamps srl, San Paolo 29, 39057 BZ Appiano sulla strada del Vino BOLZANO, IT

Model identifier: T25 15W RFG

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	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°)	110 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	0,00
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	100
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			25

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	25	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,492 0,416

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

Product Information

Product Type: RFG LAMP T25 230V 15W E14

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5191$ $y=0.4159$ $u(u')=0.2987$ $v=0.3589$ $v'=0.5384$

CCT: $T_c=2080K$ ($duv=0.00047$)

Color Ratio: $R=0.331$ $G=0.653$ $B=0.017$

Peak Wavelength: 799.5nm

Half Bandwidth: 123.9nm

Dominant Wavelength: 588.1nm

Color Purity: 0.806

CRI: $R_a=99.0$

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

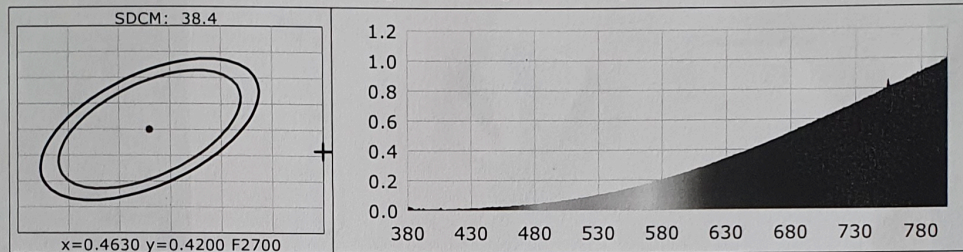
R1 =99 R2 =99 R3 =100 R4 =99 R5 =99 R6 =99 R7 =100 R8 =99

R9 =97 R10=98 R11=99 R12=98 R13=99 R14=100 R15=99

Color Quality Scale: $Q_a=87.6$, $Q_f=98.2$, $Q_p=97.7$, $Q_g=87.8$

Q1 =89 Q2 =89 Q3 =89 Q4 =89 Q5 =89 Q6 =88 Q7 =88 Q8 =88

Q9 =87 Q10=86 Q11=86 Q12=87 Q13=88 Q14=88 Q15=89



Photometric Parameters

Luminous Flux: 110 lm
EEI: 2.06

Efficiency: 3.21 lm/W
Energy Efficiency Class: G (EU2019/2015)

Radiant Power: 0.702 W

Electric Parameters

Voltage: 230.08V
Power Factor: 1.0000

Current: 0.1008A
Frequency: 50.00Hz

Power: 23.18W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 40514 (3358)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 4510.48 ms

Condition: Tx:23.7°C, Ti:22.1°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2020-11-16 16:41:41
Inspector: