

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: T25L 40W E14

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
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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°)	420 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	2 500
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	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)	0,461 0,411

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

Product Information T25L

Product Type: T25*83 230V E14 40W

Product Number: 70

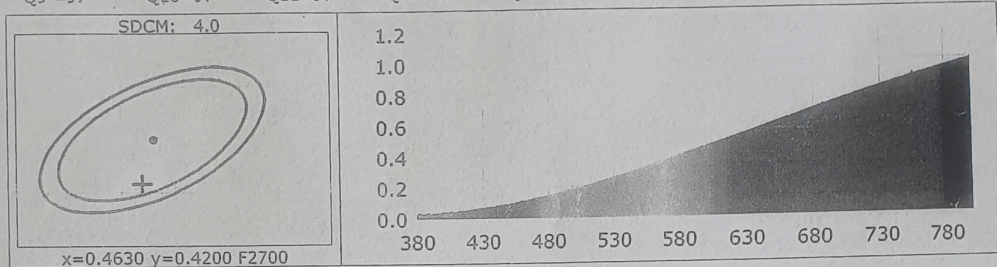
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4619$ $y=0.4117$ $u(u')=0.2634$ $v=0.3521$ $v'=0.5281$
 CCT: $T_c=2680K$ ($duv=0.00023$) Color Ratio: $R=0.267$ $G=0.704$ $B=0.028$
 Peak Wavelength: 800.8nm Half Bandwidth: 184.3nm
 Dominant Wavelength: 584.2nm Color Purity: 0.623
 CRI: $R_a=99.7$ 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: $Q_a=97.2$, $Q_f=99.7$, $Q_p=99.6$, $Q_g=97.2$

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



Photometric Parameters

Luminous Flux: 380.01 lm
 EEI: 1.06

Efficiency: 10.05 lm/W
 Energy Efficiency Class: G

Radiant Power: 2.592 W

Electric Parameters

Voltage: 231.17V
 Power Factor: 1.0000

Current: 0.1636A
 Frequency: 50.00Hz

Power: 37.83W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Min
 Max of Signal: 44939 (3588)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 1645.17 ms

Condition: $T_x:29.9^{\circ}C$, $T_i:28.6^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventline CMS-2S (Plus)
 Test Time: 2020-07-14 10:47:14
 Inspector: