

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 Bolzano Appiano sulla strada del Vino BZ, IT

Model identifier: T25L 25W E 14 DAYLIGHT BLUE

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:	Yes	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	25	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°)	80 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	25,0	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	70
Outer dimensions without separate control gear, light-	Height	68	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	25	
	Depth	25	
		See image in last page	

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)	0,141 0,128

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

Product Information

Product Type: T25L*83 230V E14 25W BLUE

Product Number: 76

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1416$ $y=0.1284$ $u(u')=0.1330$ $v=0.1809$ $v'=0.2714$

CCT: $T_c=100000K$ ($duv=-0.09746$)

Color Ratio: $R=0.037$ $G=0.531$ $B=0.431$

Peak Wavelength: 799.5nm

Half Bandwidth: 72.7nm

Dominant Wavelength: 475.7nm

Color Purity: 0.849

CRI: $R_a=14.0$

TM30: $R_f=28$, $R_g=63$

R1 = 23

R2 = 28

R3 = -38

R4 = -3

R5 = 27

R6 = -1

R7 = 35

R8 = 41

R9 = -40

R10 = -70

R11 = -49

R12 = -38

R13 = 16

R14 = 11

R15 = 52

Color Quality Scale: $Q_a=33.5$, $Q_f=35.9$, $Q_p=27.9$, $Q_g=69.4$

Q1 = 70

Q2 = 66

Q3 = 24

Q4 = 21

Q5 = 40

Q6 = 59

Q7 = 82

Q8 = 81

Q9 = 16

Q10 = 12

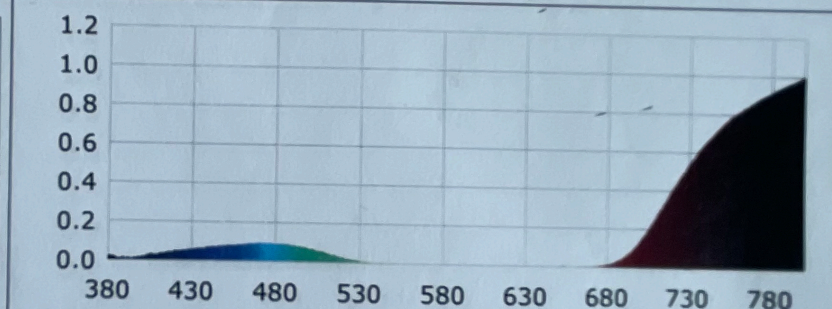
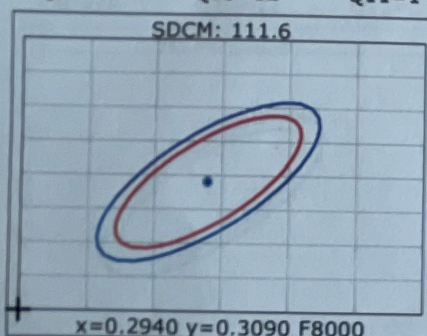
Q11 = 1

Q12 = 8

Q13 = 27

Q14 = 83

Q15 = 92



Photometric Parameters

Luminous Flux: 80 lm

EEI: 9.65

Efficiency: 0.36 lm/W

Energy Efficiency Class: G (EU 2015/2019)

Radiant Power: 0.837 W

Electric Parameters

Voltage: 231.39V

Power Factor: 1.0000

Current: 0.1628A

Frequency: 50.00Hz

Power: 37.68W

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 42670 (3749)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 2215.02 ms