

Technical data Luminaires and Lamps

Based on EU regulation 2019/2015 and 2019/2020

Pos.	Item	unit	Result
1	Article - No.		7055688711
2	Article Description		LED Reading Lamp
3	Socket		/
4	Dimensions (height x width x depth)	mm	L 372 x60x21
5	Weight	g	160g
6	IP class	number	IP20
7	Operating voltage (incl. Tolerance min ... max)	V	AC 10~15
8	Lighting technology used (LED, OLED.)	Type	LED
9	Non-directional or directional (NDLS/DLS)	Type	DLS
10	LED Type	Type	SMD 2835
11	LED Quantity	number	15
12	Colour-tuneable light source:	Yes/No	NO
13	High luminance light source:	Yes/No	Yes
14	On-mode power (Pon), expressed in W	W	2.1W
15	Standby power (Psb), expressed in W and rounded to the second decimal	W	0.04W
16	Networked standby power (Pnet) for CLS, expressed in W and rounded to the second decimal	W	
17	Rated power consumption	W	2.1W
18	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°)	Lumen in [sphere/wide cone/narrow cone]	
19	Rated luminous flux	Lumen	70lm
20	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	Kelvin	2800-3000K
21	Power factor PF	number	
22	Beam angle in degrees, or the range of beam angles that can be set	°	120
23	Nominal life time	h	30000h
24	Rated life time	h	30000h
25	Switching cycles	number	>15000
26	Warm-up time	sec	<0.5S
27	Premature failure rate	%	<5%
28	Colour rendering index, rounded to the nearest integer, or the range of CRI values that can be set	CRI	>80
29	Lamp survival factor at 6000 h (>0,9)	number	>0.9

30	Lumen maintenance factor at 6000 h (>0,8)	number	>0.8
31	Spectral power distribution in the range 250 nm to 800 nm, at full-load	graphic	N/A
32	Chromaticity coordinates (x and y)	number	X:0.4505 y:0.4050
33	Peak luminous intensity (cd)	cd	
34	Colour consistency within 6 step mcAdam ellipse	Yes/No	Yes
35	Energy efficiency class acc. 2019/2015 EU	A – G	G
36	Energy consumption in on-mode (kWh/ 1000 h)	kWh/1000h	2.1W
37	Risk group according EN 62471:2008	Exempt, 1 – 3	RG1
38	Specific UV-Radiation	mW/kLm	
39	Mercury content	mg	0
40	Dimmable [yes/only with specific dimmers/no]	Yes/No, or	No
41	displacement factor (cos φ1)	number	
42	Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	number	5W
43	Flicker metric (Pst LM)	number	
44	Stroboscopic effect metric (SVM)	number	
45	Limitations of the mounting position (360°)	Yes/No	Yes
46	Max. ambient temperature	° C	40
47	Illuminance at 0,6m and 1,2 m	Lux	
48	Enclose declaration of conformity		Please attach document
49	Enclose drawing and / or sketch		Please attach document
50	Enclose BOM		Please attach document
51	Enclose layout of pcb		Please attach document