

MODEL:Tapo L930-5&Tapo L930-10

TECHNICAL SPECIFICATIONS

Colour Rendering Index	> 80
Warm-up Time up to 95%	< 1s
Weighted Energy Consumption	3kWh/1000h

GENERAL

Package Contents	1. LED Light Strip 2. Power Adapter 3. Controller 4. 3M Adhesive for Controller 5. Quick Start Guide
Certification	CE, RoHS
Dimensions(H X W X D)	L930-5:5000*10*3 mm L930-10:10000*10*3mm
Lifetime	25000Hrs

COMMUNICATION

Wi-Fi Protocol	IEEE 802.11 b/g/n
Wi-Fi Frequency	2.4 GHz Wi-Fi

WORKING STATUS

Input	220-240V, 50/60Hz
Typical Lumen Output	L930-5:1000 lm (200lm/m) L930-10:2000 lm (200lm/m)
Power Consumption	L930-5:13 W L930-10:24W
Color Temperature	2500-6500 K
Beam Angle	220°
Dimmable	Yes

MODEL: Tapo L930

Test Data Sheet 1: Energy Efficiency

Model: Tapo L930 (4500K)						
Sample No.	Full-load on-mode power P_{on} [W]	Useful luminous flux Φ_{use} (sphere 360°) [lm]	Efficacy based on Φ_{use} [lm/W]	Total mains efficacy η_{TM} [lm/W]	Standby power P_{sb} [W]	Networked standby power P_{net} [W]
1	2.398	190.26	79.34	73.47	0.341	0.324
2	2.488	208.47	83.79	77.59	0.345	0.327
3	2.377	190.80	80.27	74.33	0.333	0.312
4	2.475	203.86	82.37	76.27	0.348	0.335
5	2.487	202.58	81.46	75.43	0.341	0.318
6	2.414	198.70	82.31	76.22	0.348	0.331
7	2.459	203.58	82.79	76.66	0.331	0.308
8	2.396	197.35	82.37	76.27	0.353	0.338
9	2.507	208.97	83.35	77.19	0.356	0.334
10	2.489	201.59	80.99	75.00	0.364	0.348
Arithmetic mean	2.449	200.62	81.90	75.84	0.346	0.328

Test Data Sheet 2: Functional

Model: Tapo L930 (4500K)					
Sample No.	Colour rendering index (CRI)	Colour consistency (SDCM) [step]	Displacement factor (DF, $\cos\phi$)	Flicker (P_{st} LM)	Stroboscopic effect (SVM)
1	85.3	5.6	---	---	---
2	85.4	5.0	---	---	---
3	85.4	5.3	---	---	---
4	85.4	4.7	---	---	---
5	85.5	5.6	---	---	---
6	85.3	5.6	---	---	---
7	85.1	5.2	---	---	---
8	85.5	5.9	---	---	---
9	85.5	4.7	---	---	---
10	85.6	5.1	---	---	---
Arithmetic mean	85.4	5.3	---	---	---

Test Data Sheet 3: Functional-Continued

Model: Tapo L930 (4500K)					
Sample No.	Total luminous flux Φ_{Total} [lm]	Total luminous flux at ON 3000 hours [lm]	Lumen maintenance factor ($X_{LMF}\%$)	Switching cycles (1200 cycles)	Survival factor
1	190.26	---	---	---	---
2	208.47	---	---	---	---
3	190.80	---	---	---	---
4	203.86	---	---	---	---
5	202.58	---	---	---	---
6	198.70	---	---	---	---
7	203.58	---	---	---	---
8	197.35	---	---	---	---
9	208.97	---	---	---	---
10	201.59	---	---	---	---
Arithmetic mean	200.62	---	---	---	---

Test Data Sheet 4: Other Parameter

Model: Tapo L930 (4500K)			
Sample No.	Power factor (PF)	R9 colour rendering index	Correlated colour temperature CCT [K]
1	1.00	20	4437
2	1.00	20	4394
3	1.00	20	4397
4	1.00	20	4433
5	1.00	21	4517
6	1.00	20	4484
7	1.00	19	4519
8	1.00	21	4490
9	1.00	21	4418
10	1.00	21	4450
Arithmetic mean	1.00	20	4454

Test Data Sheet 5: Other Parameter-Continued (Arithmetic mean)

Model: Tapo L930 (4500K)	
Beam angle [°]	123.8
Peak luminous intensity [cd]	56.55

Lighting technology		[HL ☐ /LFL T5 HF ☐ / LFL T5 HO ☐ /CFni ☐ /other FL ☐ /HPS ☐ /MH ☐ /other HID ☐ /LED ☒ /OLED ☐ /mixed ☐ /other ☐	Non-directional or directional:	[NDLS ☒ /DLS ☐
Mains or non-mains		[MLS ☐ /NMLS ☒	Connected light source (CLS)	[yes ☒ /no ☐
Colour-tuneable light source		[yes ☒ /no ☐	Envelope	[no ☒ /second ☐ /non-clear ☐
High luminance light source		[yes ☐ /no ☒		
Anti-glare shield		[yes ☐ /no ☒	Dimmable	[Yes ☒ /only ☐ / with specific dimmers/no ☐
On-mode power, expressed in W		3W	EEI class	[A ☐ /B ☐ /C ☐ /D ☐ /E ☐ /F ☐ /G ☒] ^(d)
Useful luminous flux (lm)& Beam angle correspondence		200 lm in [sphere ☒ /wide cone ☐ /narrow cone ☐	Correlated colour temperature type	4500K single
On-mode power (W)		2. 5W	Standby power (W)	0. 50W
Networked standby power for CLS (W)		0. 50W	Colour rendering index	80
Outer dimensions without separate control gear, lighting control parts and non-lighting	Height	/	Chromaticity coordinates (x and y)	0. 364, 0. 371
	Width	/		

control parts, if any (millimetre)	Depth	/		
R9 Colour rendering index		20	Survival factor	1
Lumen maintenance factor		0. 96	Colour consistency in McAdam ellipses	6
displacement factor (cos ϕ1)		/	Replacement claim (W)	/
Flicker metric (Pst LM)		/	Stroboscopic effect metric (SVM)	/