

Shenzhen Founder Industrial Co., Ltd.

Factory: 3/F, Building B, No. 65 Chuangyi Road, Gaofeng Community,
Dalang Subdistrict, Longhua District, Shenzhen, China

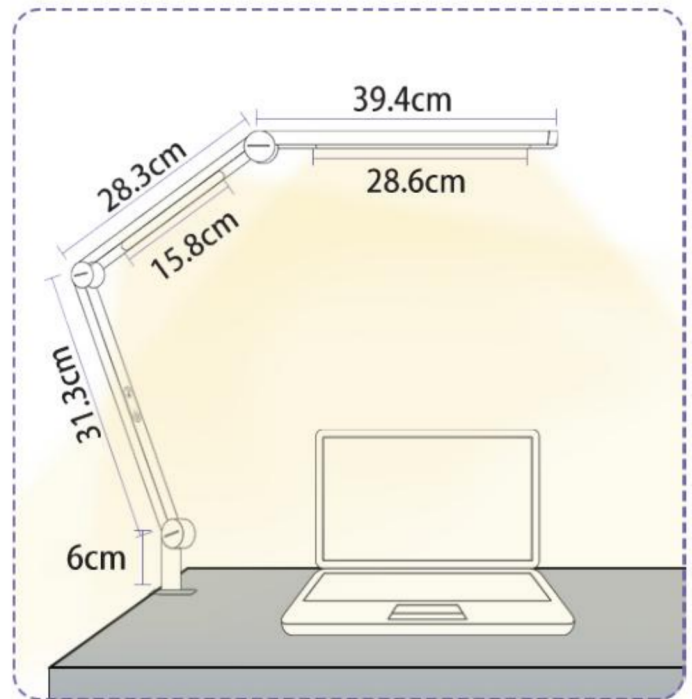
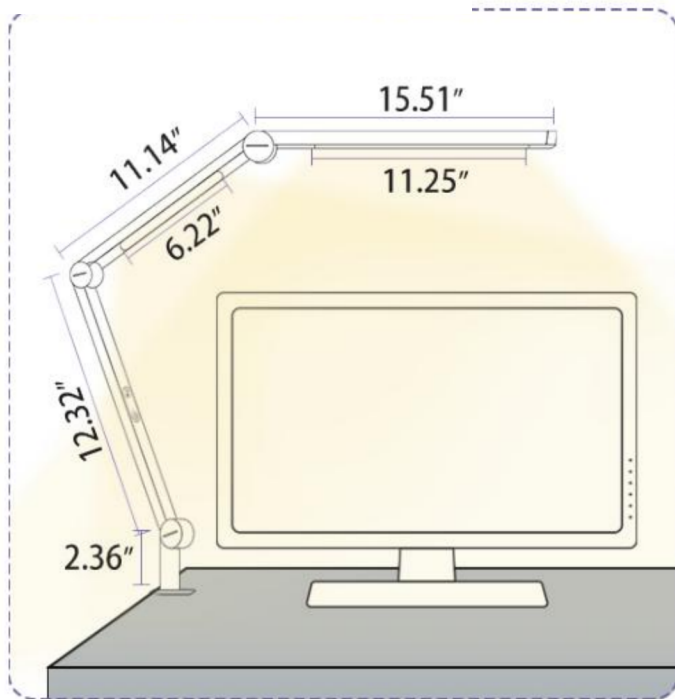
PRODUCT SPECIFICATION

Product Model: DDL-003-12W(A-Z)

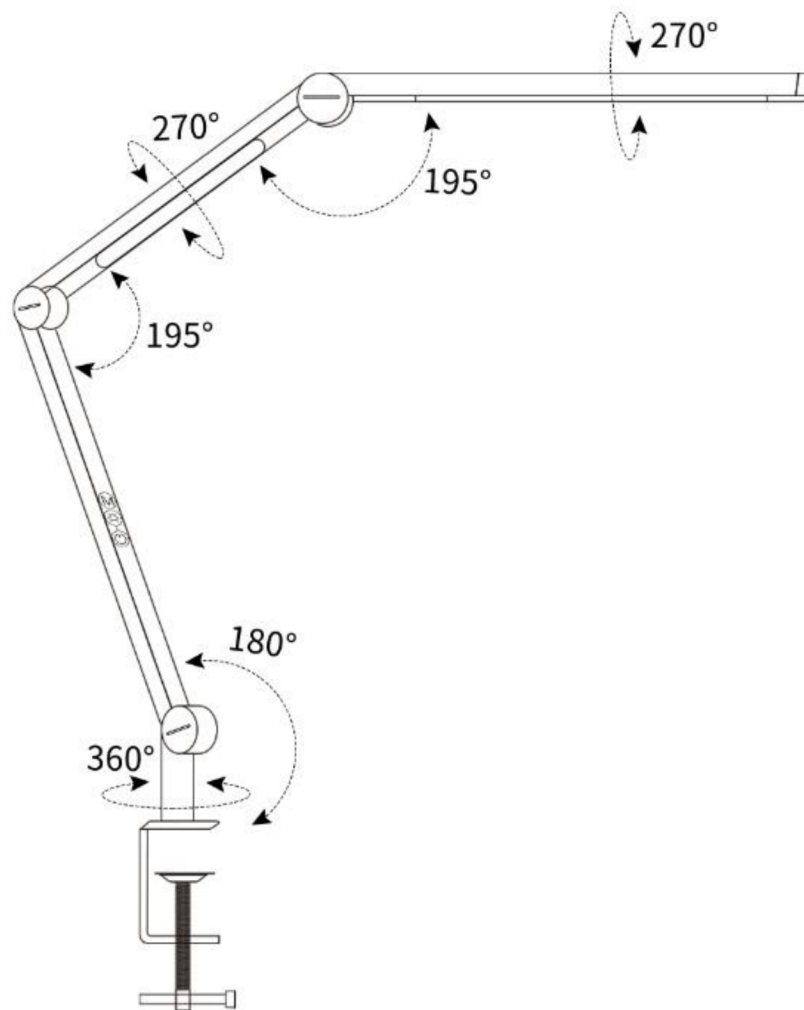


Confirmed by Shenzhen Founder Industrial Co., Ltd.	
Engineering Department	
Quality Department	
Approved By	
Notes:	Company Stamp

1. Dimensions

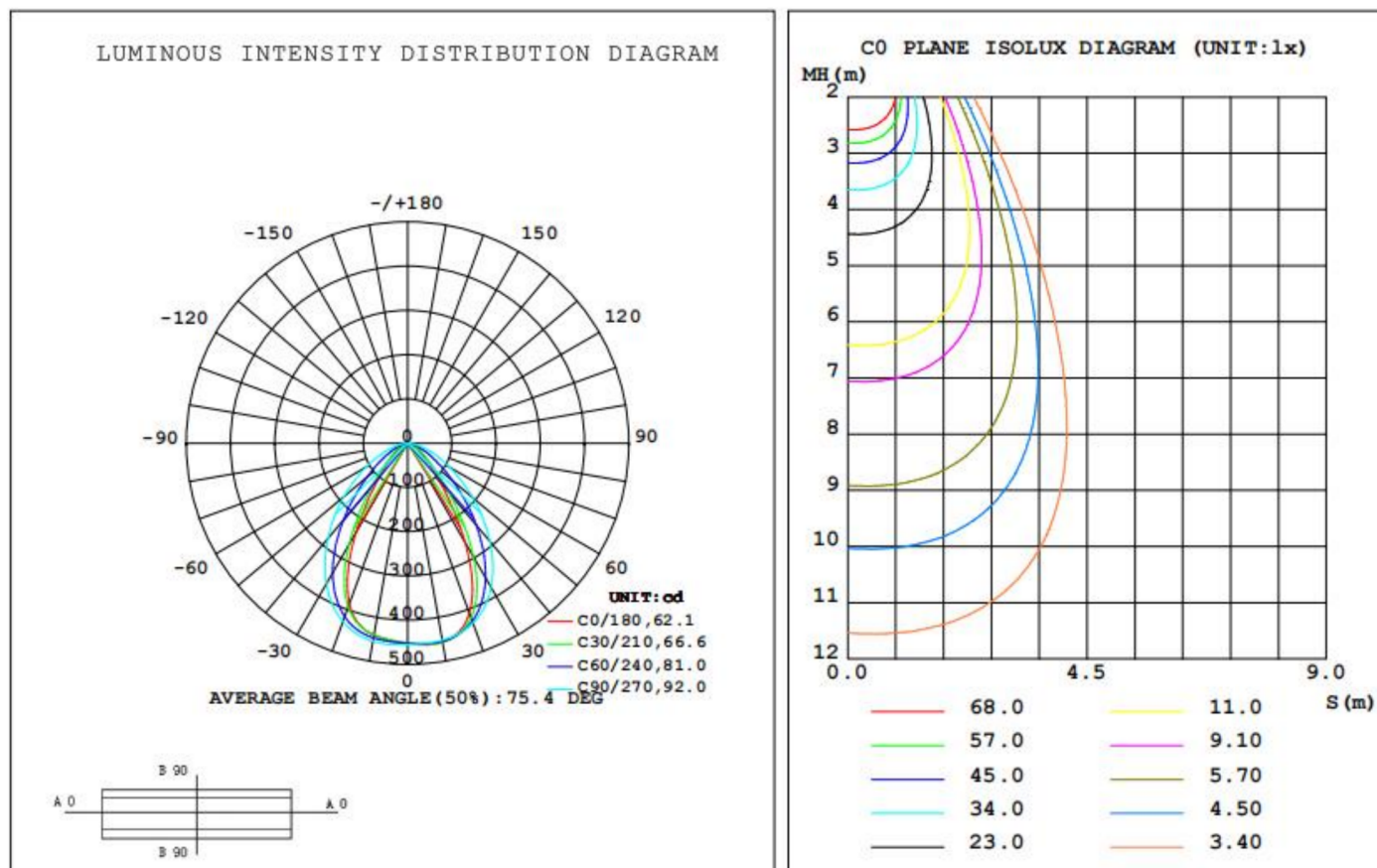


2. Adjustment Angles



3. IES Photometric Test Report

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.30 lm/W
MODEL		I _{max} (cd)	465.1	S/MH (C0/180)	0.91	
NOMINAL POWER(W)	11.3	LOR (%)	100.0	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	727.85	η UP, DN (C0-180)	0.2, 50.1	
NOMINAL FLUX (lm)	727.847	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 49.2	
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.00	
TEST VOLTAGE (V)	220	η down (%)	99.3	CIBSE SHR MAX	1.10	



4. Function Description

1. Lamp Control Panel



	CCT Adjustment Press to cycle through 3000 K, 4000 K, 5000 K, and 6500 K.
	Brightness Adjustment Press to cycle through 20%, 40%, 60%, 80%, and 100%.
	Timer Indicator The indicator pulses slowly while the timer is active.
	Power / Timer Press: turn the light on or off. Press and hold: activate the 30-minute timer; the indicator pulses slowly.



2. Remote Control Functions

 	Brightness Adjustment Press B- to decrease or B+ to increase brightness; five levels: 20%, 40%, 60%, 80%, and 100%.
 	CCT Adjustment Press C- to decrease or C+ to increase CCT; four settings: 3000 K, 4000 K, 5000 K, and 6500 K.
	Night Light Mode Press to enter night light mode. Press again to exit and restore the previous light state.
	Timer Press to start the 30-minute timer; the indicator pulses. Press again to cancel; the indicator turns off.
	Power Press to turn the light on or off.
Notes	Pairing / Unpairing Pairing: within 3 seconds after power-on, press and hold B+. One flash confirms pairing. Other RF signals can no longer control this lamp, while this remote can control other lamps. Unpairing: within 3 seconds after power-on, hold B-. Three flashes confirm.

5. Photometric Specifications

Luminous Flux	727 lm ($\pm 10\%$ at 100% brightness)
CCT Range	3000-6500 K (± 275 K)
Brightness / CCT Control	Touch control and RF remote control
LED Specification	2835 LEDs; 0.5 W; 150 mA; 65-70 lm; CRI 90; 70 pcs total
LED Service Life	>40,000 h
Color Rendering Index (CRI)	Ra ≥ 90
Center Illuminance at 40 cm	>2,600 lx

6. Adapter Specifications

Input	AC 100-240 V, 50/60 Hz, 0.5 A
Output	24 V DC $\pm 5\%$
Rated Output Current	0.5 A DC
Rated Output Power	12 W
Power Factor	0.5 $\pm$ 0.05
Operating Temperature	-10 °C to 40 °C
Certifications	CE, RoHS, ETL, PSE, CCC, UKCA
DC Cable Length	2 m

DC Connector	5.5 x 2.1 x 10 mm, right-angle plug
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7. Lamp Electrical Specifications (Adapter Excluded)

Rated Input	24 V DC
Rated Power	10 W ± 10%
Protection Class (Adapter Excluded)	Class III
LED Driver Type	Constant-voltage
Battery	None

8. Complete Unit Electrical Specifications (Adapter + Lamp)

Rated Input	AC 100-240 V, 50/60 Hz, 0.1 A
Rated Power (Adapter + Lamp)	11 W ± 10% (LED module / adapter)
Power Factor (Adapter + Lamp)	0.5
Standby Power (Adapter + Lamp)	<0.5 W
Protection Class (Adapter + Lamp)	Class II

9. Structural Specifications

Housing Materials	PS, PA, aluminum alloy, steel
Profile Surface Finish	Powder coating
Number of Joints	7
Joint Torque Rating	20 kg
Joint Service Life	20,000 cycles

10. Operating Environment

Application	Indoor use
Operating Temperature	-20 °C to 45 °C
Operating Humidity	0% to 85% RH
Ingress Protection	IP20 (default rating when not otherwise marked)

Service Life	≥ 20,000 h
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11. Product Connector

Connector Type	DC 5.5 x 2.1 x 10 mm
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12. Product Certifications

Certifications	CE, RoHS, UKCA, FCC
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13. Packaging Specifications (Subject to Actual Shipment)

Outer Carton	490 x 450 x 410 mm
Color Box	432 x 234 x 57 mm
Quantity per Master Carton	14 sets
Gross Weight per Unit	1.06 kg
Total Gross Weight	15.88 kg