

**3 YEARS**  
WARRANTY

**3 CCT**  
**CHANGEABLE**

Flip switch to change the CCT



VIDEO



**COB77**

LED EXTENDABLE DOWNLIGHT

**15W** **25W**

## specification

PRODUCT NAME :	LED Extendable Downlight
MODEL NO. :	COB77 15W/25W
SPECIFICATION :	AC220-240V, 50-60Hz, 15W / 25W
WORKING TEMP :	-20~50(°C)
POWER FACTOR :	>0.6
CRI(RA) :	>80
COLOR :	White / Black
LIGHT SOURCE :	COB
LUMEN :	100 LM/W
BEAM ANGLE :	24°
PRODUCT SIZE :	110*117mm / 135*144mm
CUT OUT :	95mm / 115mm
IP :	IP20
APPLICATION :	Home, Shop, Hotel..etc
WARRANTY :	3 years
STANDARD :	CE

Color Temperature:

**6500-4000K-3000K (3CCT) Changeable**



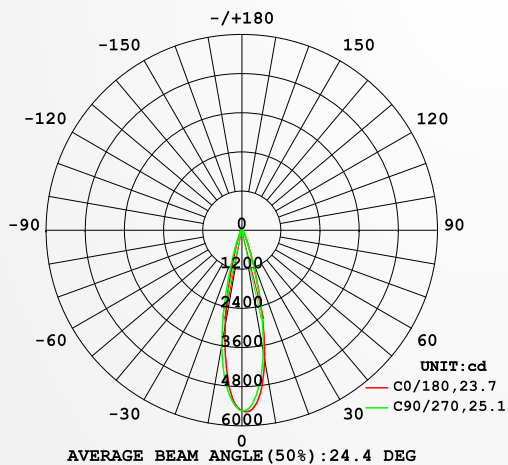
# 15W

## LUMINAIRE PHOTOMETRIC TEST REPORT

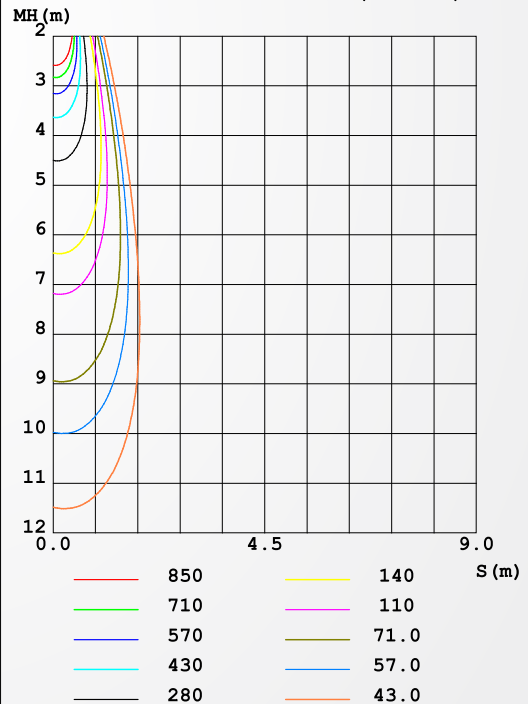
NAME: COB77 LED Extendable Downlight	TYPE:	WEIGHT:0.46KG
SPEC.: 15W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:40	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.64 lm/W
MODEL	COB77 15W	I <sub>max</sub> (cd)	5576	S/MH (C0/180)	0.36	
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.40	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1323.2	η UP, DN (C0-180)	2.0, 50.8	
NOMINAL FLUX (lm)	1323.18	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 46.0	
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	220	η down (%)	96.8	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 17 February 2023

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.565m [K=1.0000]  
 Remarks:



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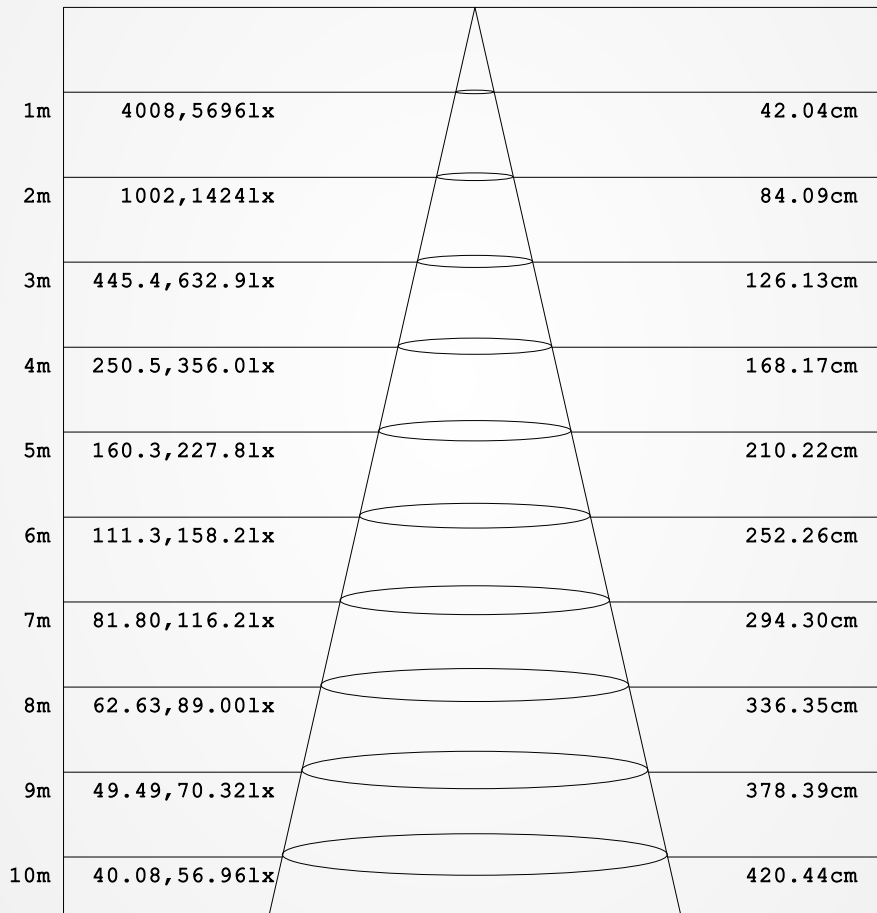


# 15W

## AAI FIGURE

NAME: COB77 LED Extendable Downlight	TYPE:	WEIGHT:0.46KG
SPEC.: 15W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:40	Shielding Angle:

Flux out:569.0 lm



Height      Eavg, Emax      Angle:23.74deg      Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature:28DEG  
Operators:JACK  
Test Date:17 February 2023

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity:63.0%  
Test Distance:11.565m [K=1.0000]  
Remarks:



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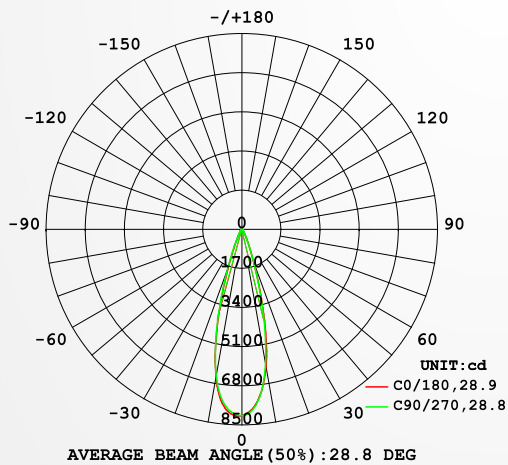
# 25W

## LUMINAIRE PHOTOMETRIC TEST REPORT

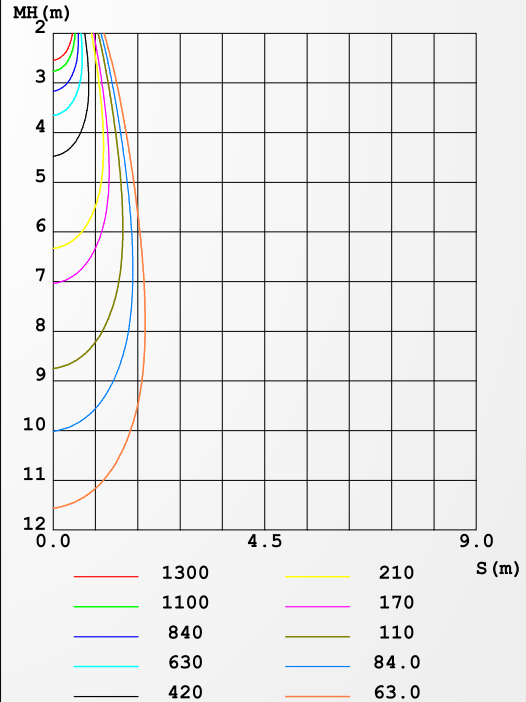
NAME: COB77 LED Extendable Downlight	TYPE:	WEIGHT:0.74KG
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:58	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 95.05 lm/W
MODEL	COB77 25W	I <sub>max</sub> (cd)	8110	S/MH (C0/180)	0.47	
NOMINAL POWER (W)	25	LOR (%)	100.0	S/MH (C90/270)	0.48	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2363.7	η UP, DN (C0-180)	2.1, 45.7	
NOMINAL FLUX (lm)	2363.72	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 51.0	
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	220	η down (%)	96.8	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature: 28DEG  
 Operators: JACK  
 Test Date: 17 February 2023

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
 Humidity: 63.0%  
 Test Distance: 11.565m [K=1.0000]  
 Remarks:



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NEXTLITE PRODUCTS

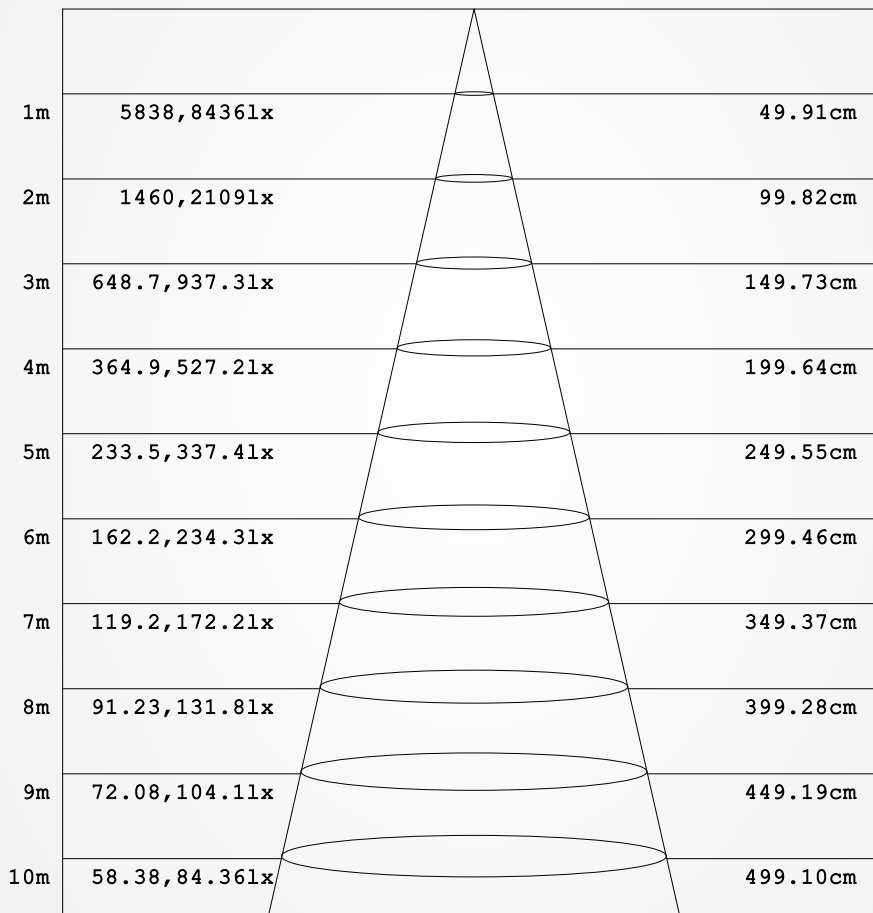


# 25W

## AAI FIGURE

NAME: COB77 LED Extendable Downlight	TYPE:	WEIGHT:0.74KG
SPEC.: 25W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:58	Shielding Angle:

Flux out:1227 lm



Height                      Eavg,Emax                      Angle:28.02deg                      Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature:28DEG  
Operators:JACK  
Test Date:17 February 2023

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity:63.0%  
Test Distance:11.565m [K=1.0000]  
Remarks:



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NEXLITE PRODUCTS