



VIDEO



6500K 4000K 3000K

**COB79**  
LED DOWNLIGHT

**12W / 20W / 30W**

**specification**

PRODUCT NAME :	LED DOWNLIGHT
MODEL NO. :	COB79 12W/20W/30W
SPECIFICATION :	AC220-240V, 50-60Hz, 12W/20W/30W
WORKING TEMP :	-20~50(°C)
POWER FACTOR :	>0.6
CRI(RA) :	>80
COLOR :	White+Silver reflector
LIGHT SOURCE :	COB Chip
LUMEN :	100 LM/W
BEAM ANGLE :	36°
ADJUSTABLE :	30°
PRODUCT SIZE :	85*85mm/100*100mm/125*128mm
CUT OUT :	75mm/90mm/110mm
IP :	IP20
APPLICATION :	Home, Shop, Hotel..etc
WARRANTY :	5 years
STANDARD :	CE

**Color Temperature:**

**6500K / 4000K / 3000K**





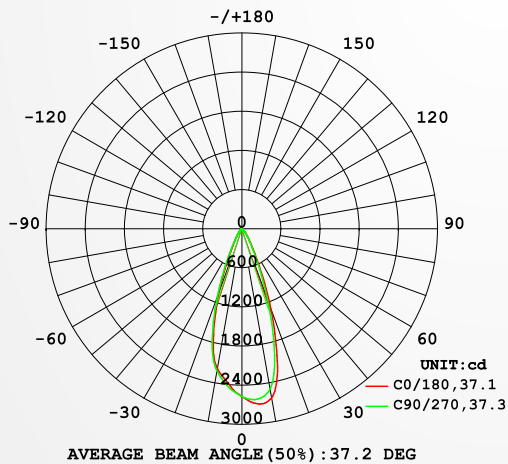
# 12W

## LUMINAIRE PHOTOMETRIC TEST REPORT

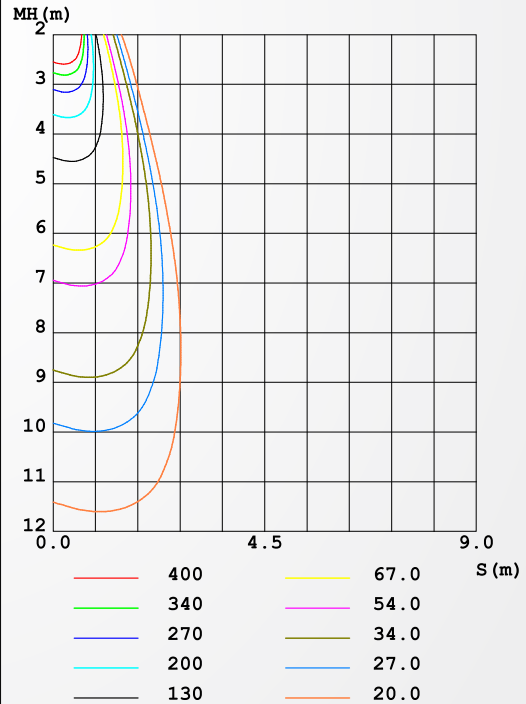
NAME: COB79 LED DOWNLIGHT	TYPE:	WEIGHT:0.29KG
SPEC.: 12W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 96.81 lm/W
MODEL	COB79 12W	Imax (cd)	2735	S/MH (C0/180)		0.57
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)		0.59
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1203.6	η UP, DN (C0-180)		2.1,50.0
NOMINAL FLUX (lm)	1203.63	CIE CLASS	DIRECT	η UP, DN (C180-360)		1.2,46.8
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)	220	η down (%)	96.8	CIBSE SHR MAX		0.60

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: 05 November 2022

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:



JOIN US ON OUR FACEBOOK PAGE +

NEXTLITE PRODUCTS

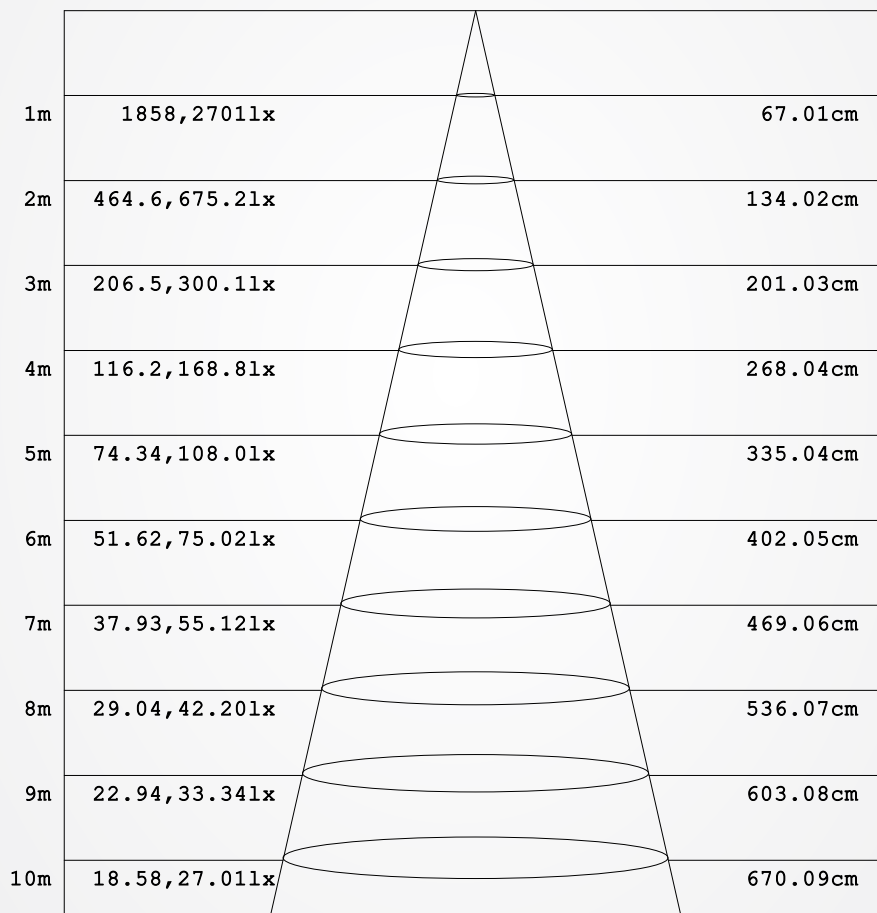


# 12W

## AAI FIGURE

NAME: COB79 LED DOWNLIGHT	TYPE:	WEIGHT:0.29KG
SPEC.: 12W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:692.2 lm



Height                      Eavg, Emax                      Angle:37.05deg                      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: 05 November 2022

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:



JOIN US ON OUR  
FACEBOOK PAGE +

NEXTLITE PRODUCTS



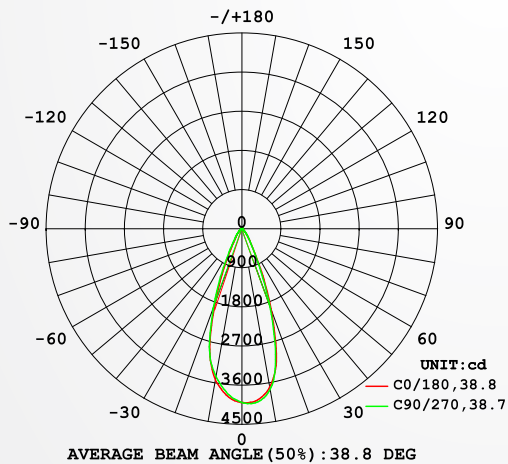
# 20W

## LUMINAIRE PHOTOMETRIC TEST REPORT

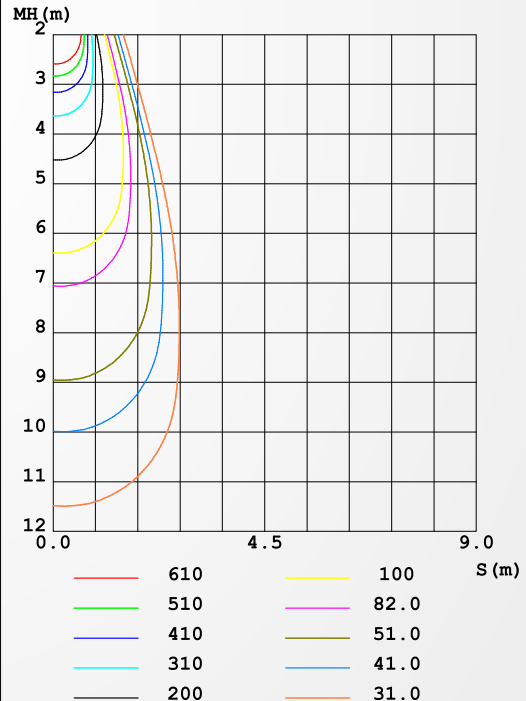
NAME: COB79 LED DOWNLIGHT	TYPE:	WEIGHT:0.46KG
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 98.23 lm/W
MODEL	COB79 20W	Imax (cd)	4038	S/MH (C0/180)	0.59	
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.61	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2026.8	η UP, DN (C0-180)	2.1, 48.0	
NOMINAL FLUX (lm)	2026.79	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.7	
LAMPS INSIDE	1	η up (%)	3.3	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	220	η down (%)	96.7	CIBSE SHR MAX	0.60	

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: 05 November 2022

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:



JOIN US ON OUR  
FACEBOOK PAGE +

NEXTLITE PRODUCTS

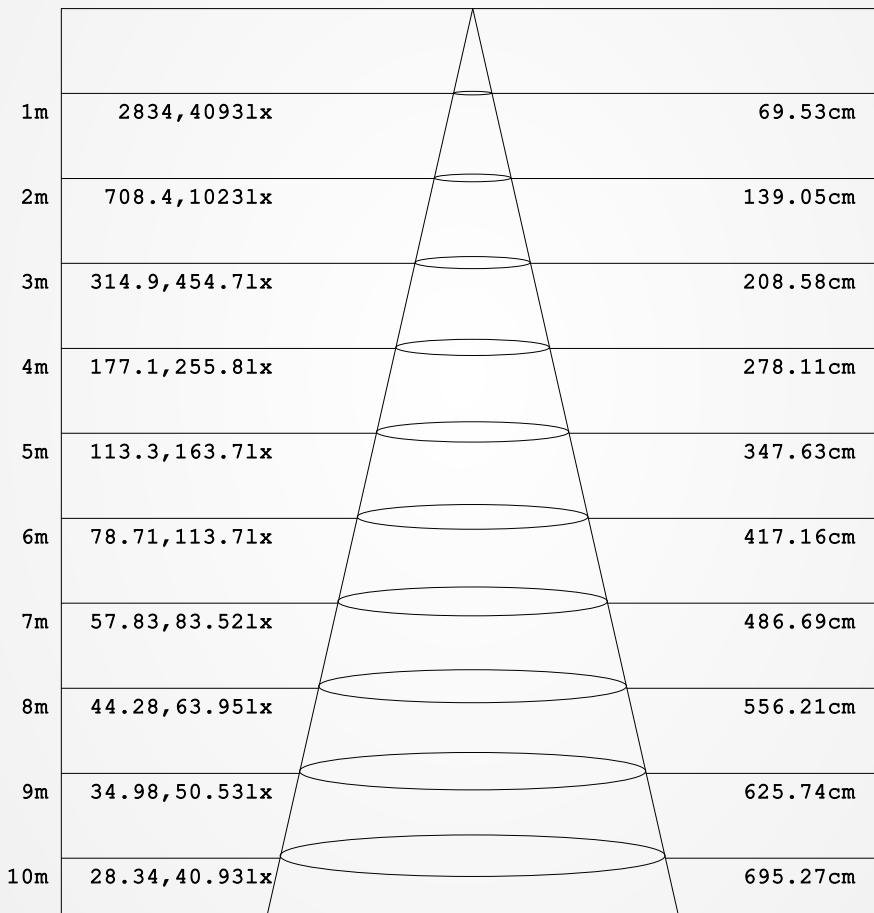


# 20W

## AAI FIGURE

NAME: COB79 LED DOWNLIGHT	TYPE:	WEIGHT:0.46KG
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:1116 lm



Height      Eavg, Emax      Angle:38.34deg      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: 05 November 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:



JOIN US ON OUR  
FACEBOOK PAGE +

NEXTLITE PRODUCTS



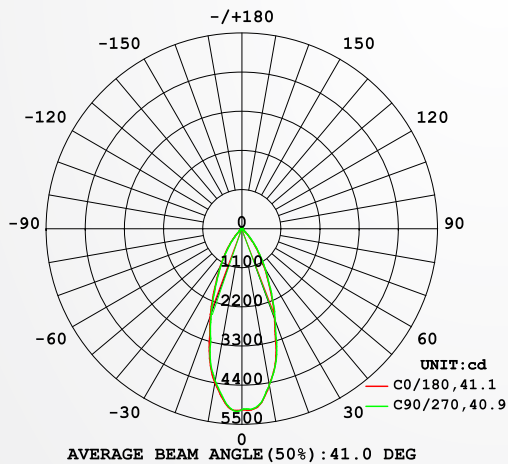
# 30W

## LUMINAIRE PHOTOMETRIC TEST REPORT

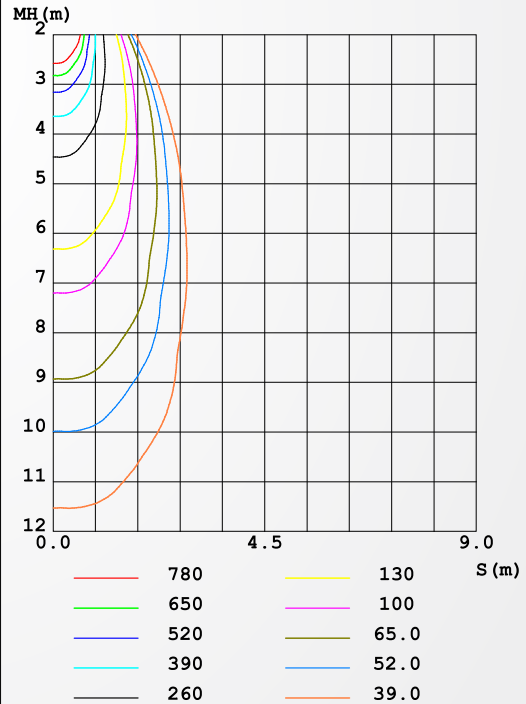
NAME: COB79 LED DOWNLIGHT	TYPE:	WEIGHT:0.76KG
SPEC.: 30W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	COB79 30W	Imax (cd)	5137	S/MH (C0/180)	0.65
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3127.0	$\eta$ UP, DN (C0-180)	2.1, 49.7
NOMINAL FLUX (lm)	3127	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	1.3, 47.0
LAMPS INSIDE	1	$\eta$ up (%)	3.3	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	$\eta$ down (%)	96.7	CIBSE SHR MAX	0.70

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: 05 November 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:



JOIN US ON OUR  
FACEBOOK PAGE +

NEXTLITE PRODUCTS

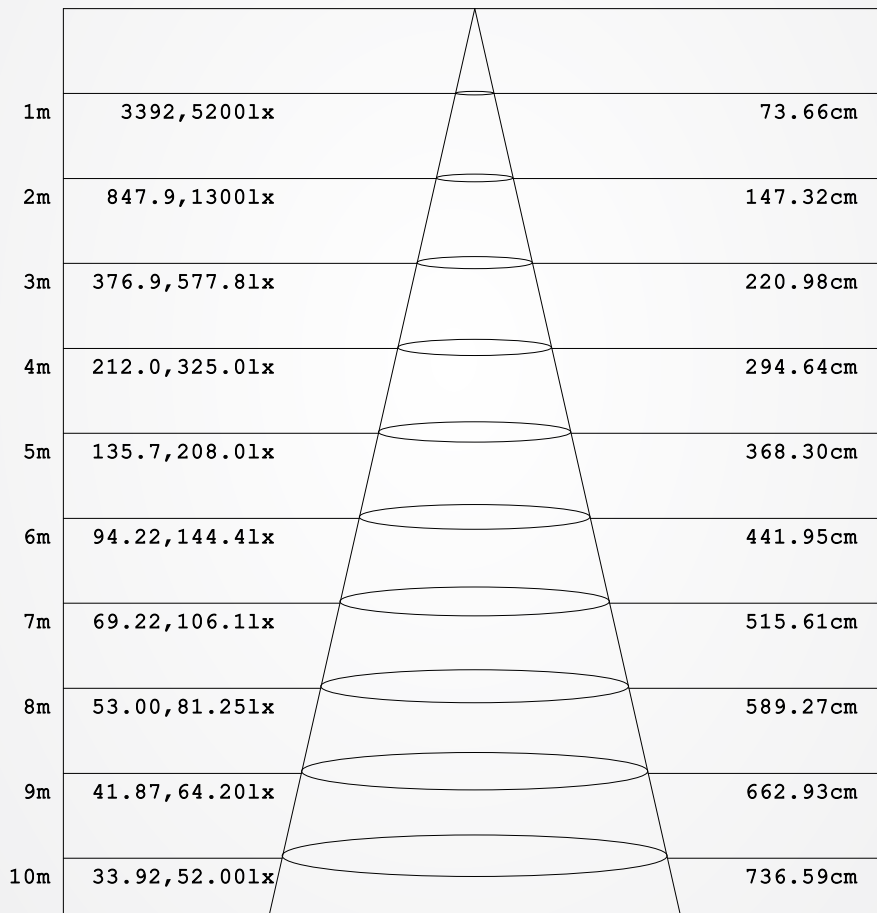


# 30W

## AAI FIGURE

NAME: COB79 LED DOWNLIGHT	TYPE:	WEIGHT:0.76KG
SPEC.: 30W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:1490 lm



Height                      Eavg, Emax                      Angle:40.44deg                      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:05 November 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:



JOIN US ON OUR  
FACEBOOK PAGE +

NEXTLITE PRODUCTS