



VIDEO



COB80
LED Downlight

12W

specification

PRODUCT NAME :	LED DOWNLIGHT
MODEL NO. :	COB80 12W
SPECIFICATION :	AC220-240V, 50-60Hz, 12W
WORKING TEMP :	-20~50(°C)
POWER FACTOR :	>0.6
CRI(RA) :	>80
COLOR :	White+White reflector
LIGHT SOURCE :	COB Chip
LUMEN :	90 LM/W
BEAM ANGLE :	36°
PRODUCT SIZE :	85*58mm
CUTOUT :	75mm
IP :	IP20
APPLICATION :	Home, Shop, Hotel..etc
WARRANTY :	5 years
STANDARD :	CE

Color Temperature:

6500K / 4000K / 3000K





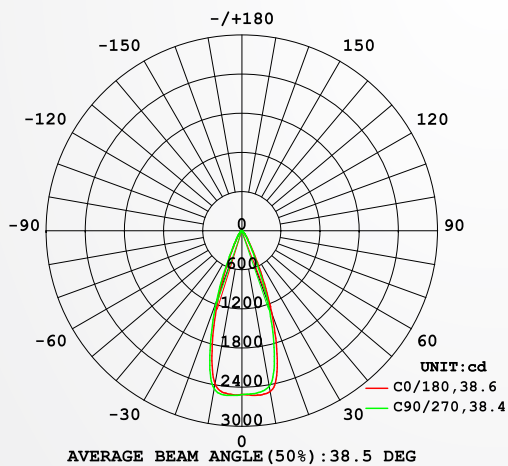
12W

LUMINAIRE PHOTOMETRIC TEST REPORT

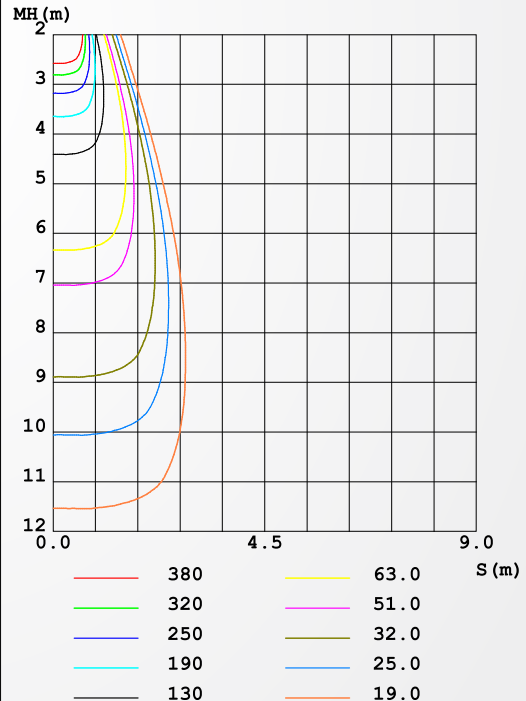
NAME: COB80 LED DOWNLIGHT	TYPE:	WEIGHT:0.34KG
SPEC.: 12W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 98.98 lm/W
MODEL	COB80 12W	Imax (cd)	2539	S/MH (C0/180)	0.56	
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	0.59	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1213.3	η UP, DN (C0-180)	2.1, 48.6	
NOMINAL FLUX (lm)	1213.27	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.2	
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:



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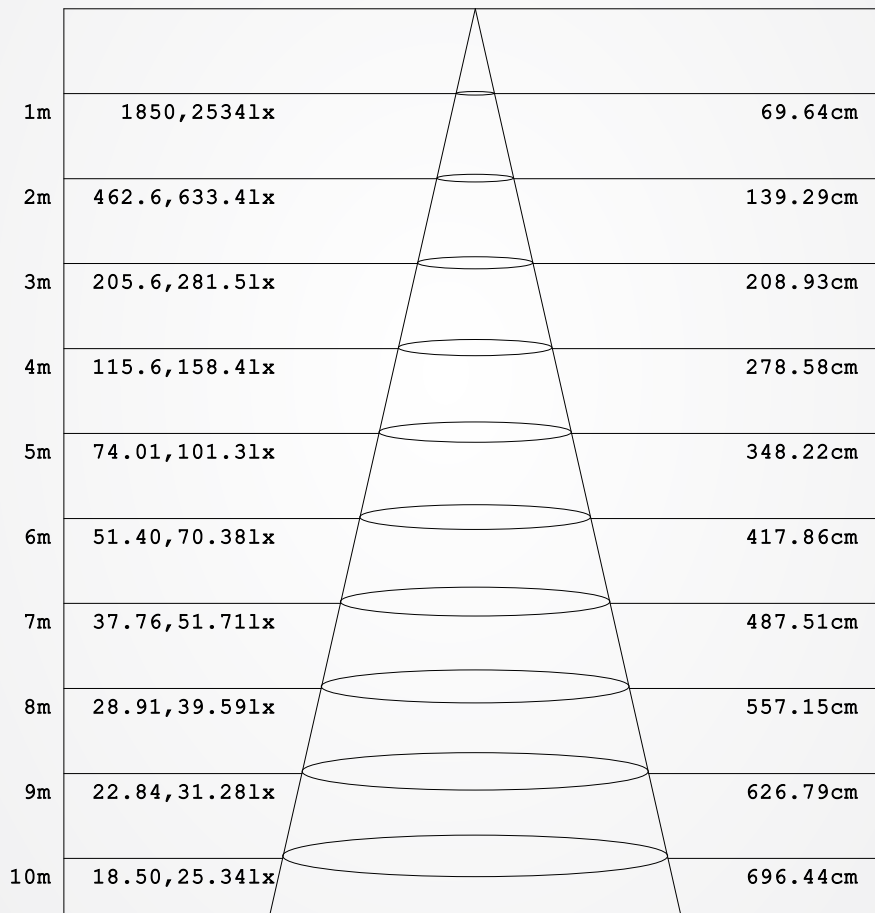


12W

AAI FIGURE

NAME: COB80 LED DOWNLIGHT	TYPE:	WEIGHT:0.34KG
SPEC.: 12W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:728.9 lm



Height Eavg,Emax Angle:38.40deg Diameter

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

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