



VIDEO



SUNFLOWER
COB40 LED Downlight

7W 10W 20W 35W

specification

PRODUCT NAME :	SUNFLOWER LED DOWNLIGHT
MODEL NO. :	COB40 7W/10W/20W/35W
SPECIFICATION :	AC220-240V, 50-60Hz, 7W/10W/20W/35W
WORKING TEMP :	-20~50(°C)
POWER FACTOR :	7W/10/20W>0.6, 35W>0.9
CRI(RA) :	7W/10W/20W>80, 35W>90
COLOR :	White
LIGHT SOURCE :	COB
LUMEN :	120 LM/W
LIFE TIME :	50,000Hrs
BEAM ANGLE :	120°
PRODUCT SIZE :	88*40mm/120*45mm/166*45mm/223*46mm
CUT OUT :	75mm/100mm/140mm/200mm
IP :	IP20
APPLICATION :	Home, Shop, Hotel..etc.
WARRANTY :	5 years
STANDARD :	CE

Color Temperature:

6500 / 4000K / 3000K





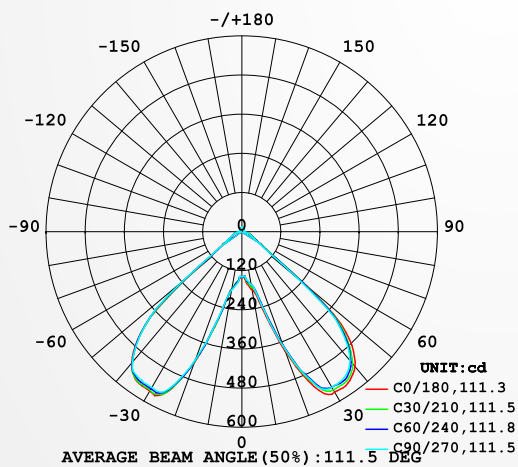
10W

LUMINAIRE PHOTOMETRIC TEST REPORT

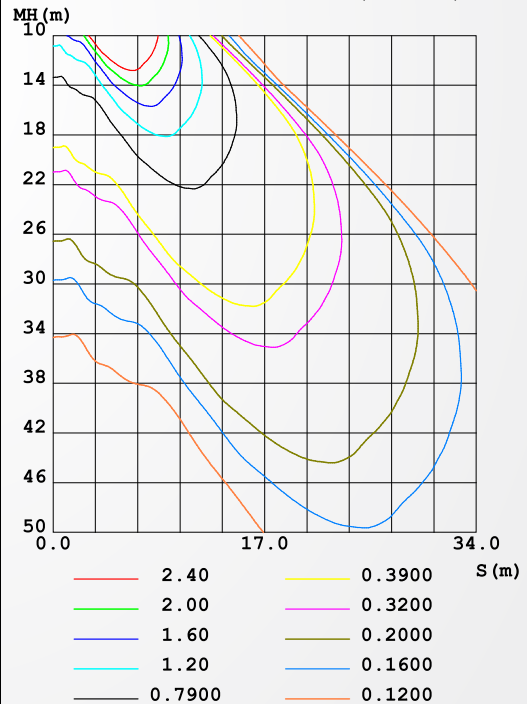
NAME: COB40 LED Downlight	TYPE:	WEIGHT:
SPEC.: 10W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 70MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	COB40 10W	Imax (cd)	570.4	S/MH (C0/180)	1.77
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.79
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1195.3	η UP, DN (C0-180)	2.3, 47.4
NOMINAL FLUX (lm)	1195.24	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.5
LAMPS INSIDE	1	η up (%)	4.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	219.5	η down (%)	96.0	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: JACK
Test Date: 2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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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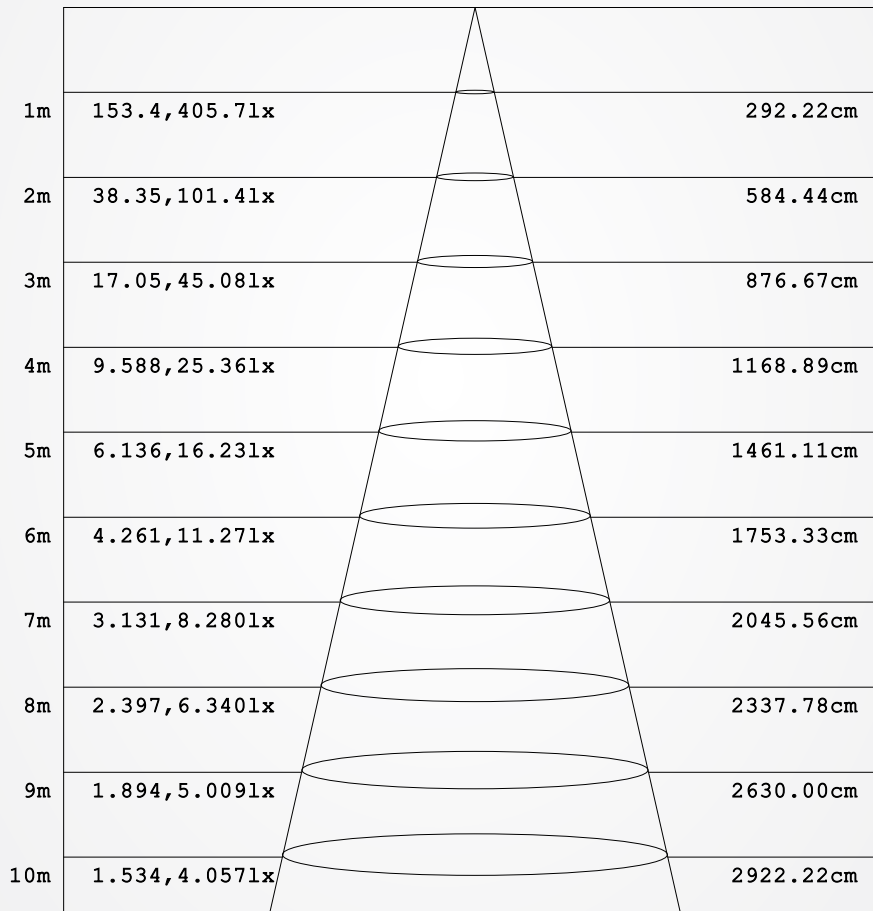


10W

AAI FIGURE

NAME: COB40 LED Downlighgt	TYPE:	WEIGHT:
SPEC.: 10W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 70MM	Shielding Angle:

Flux out:1059 lm



Height Eavg, Emax Angle:111.22deg 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: 15.0DEG
Test Speed: HIGH
Temperature:28DEG
Operators:JACK
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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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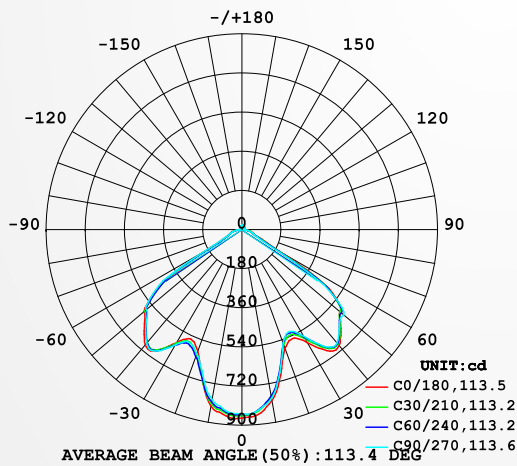
20W

LUMINAIRE PHOTOMETRIC TEST REPORT

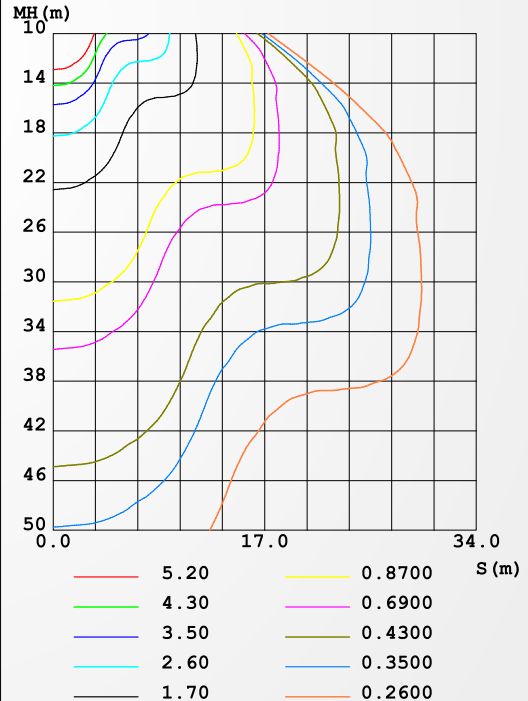
NAME: COB40 LED Downlight	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:104MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	COB40 20W	Imax (cd)	870.0	S/MH (C0/180)	0.87
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.95
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2070.4	η UP, DN (C0-180)	2.2, 47.6
NOMINAL FLUX (lm)	2070.33	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.5
LAMPS INSIDE	1	η up (%)	3.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	219.5	η down (%)	96.1	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: JACK
Test Date: 2024-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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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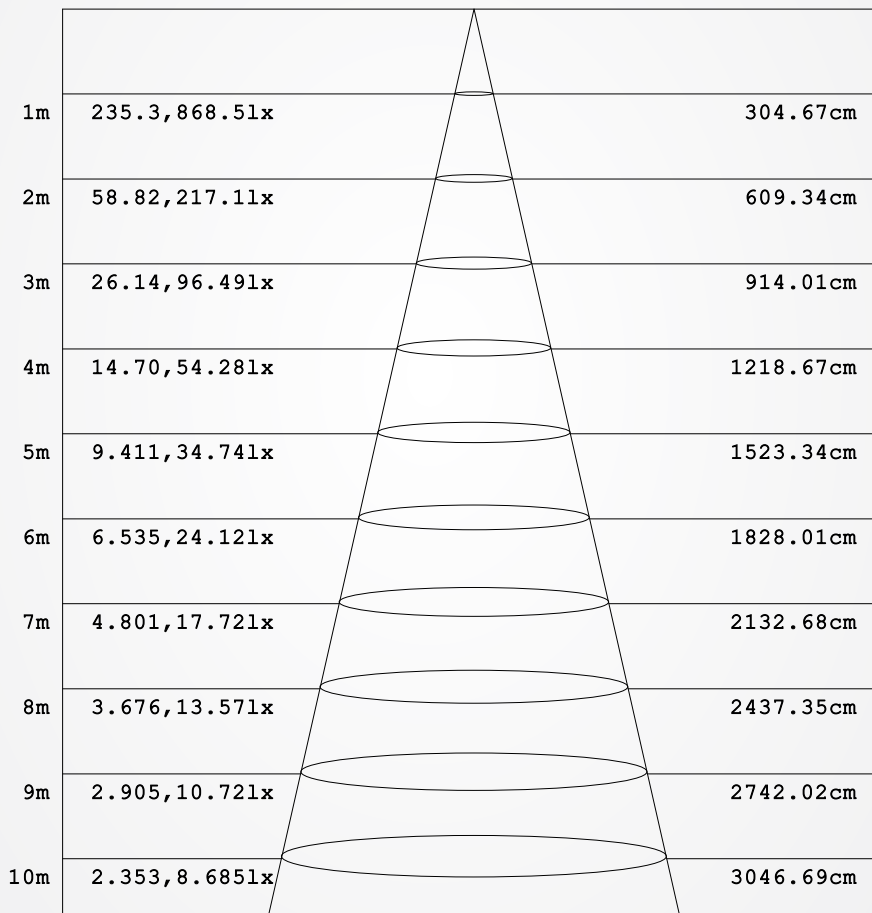


20W

AAI FIGURE

NAME: COB40 LED Downlighgt	TYPE:	WEIGHT:
SPEC.: 20W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:104MM	Shielding Angle:

Flux out:1753 lm



Height Eavg, Emax Angle:113.43deg 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: 15.0DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: JACK
Test Date: 2024-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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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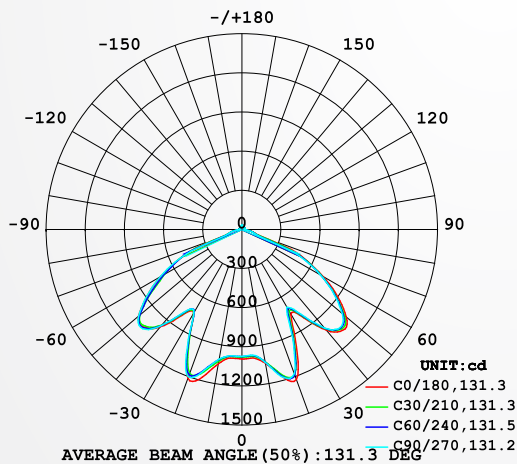
35W

LUMINAIRE PHOTOMETRIC TEST REPORT

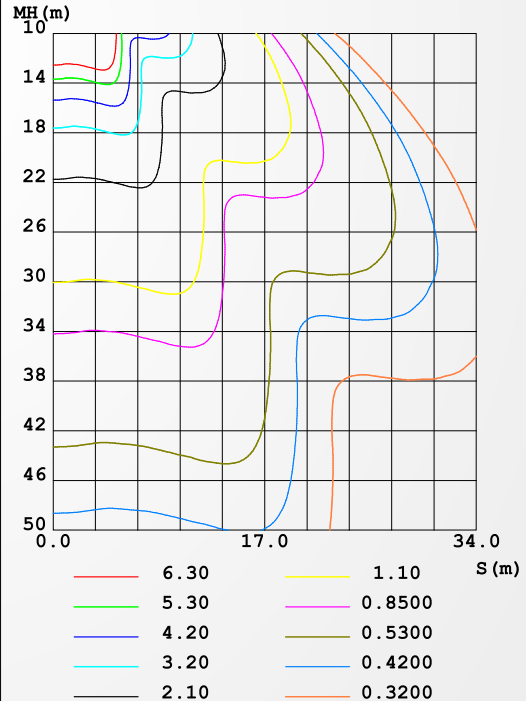
NAME: COB40 LED Downlight	TYPE:	WEIGHT:
SPEC.: 35W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:150MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	COB40 35W	Imax (cd)	1232	S/MH (C0/180)	1.13
NOMINAL POWER (W)	35	LOR (%)	100.0	S/MH (C90/270)	1.15
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3693.2	η UP, DN (C0-180)	2.1, 47.7
NOMINAL FLUX (lm)	3693.22	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.4
LAMPS INSIDE	1	η up (%)	3.8	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	219.5	η down (%)	96.2	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: JACK
Test Date: 2024-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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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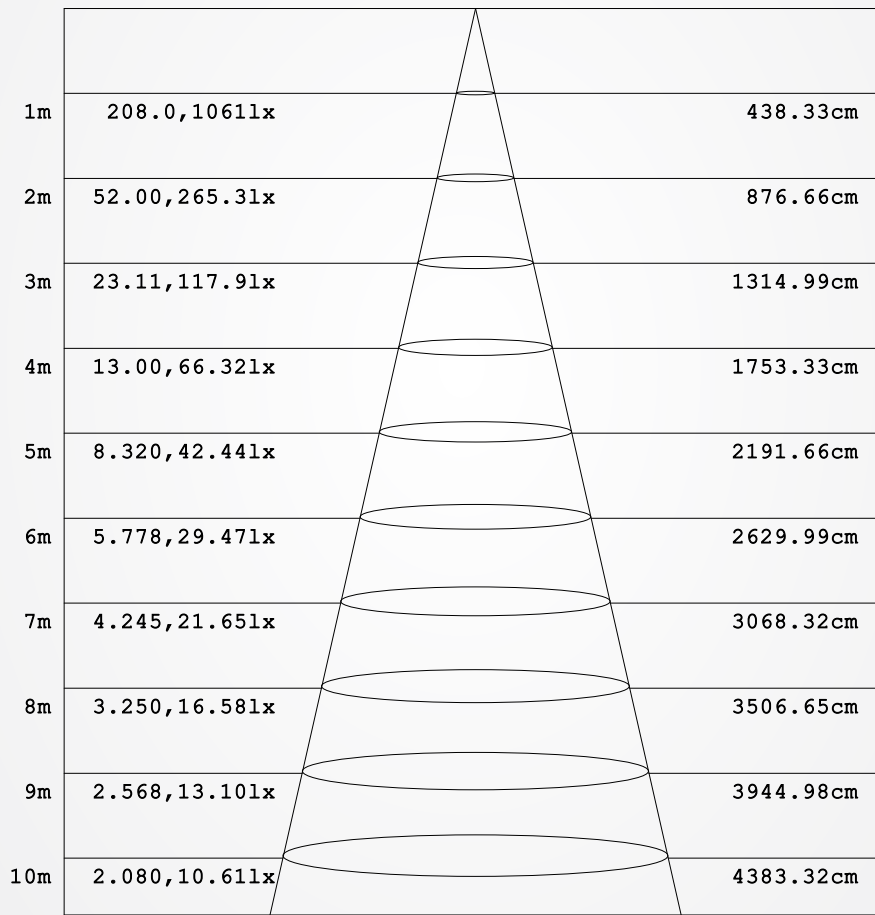


35W

AAI FIGURE

NAME: COB40 LED Downlighgt	TYPE:	WEIGHT:
SPEC.: 35W	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:150MM	Shielding Angle:

Flux out:3296 lm



Angle:130.95deg

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

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:28DEG
Operators:JACK
Test Date:2024-03-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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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