



VIDEO



LED Downlight

3W

6W

12W

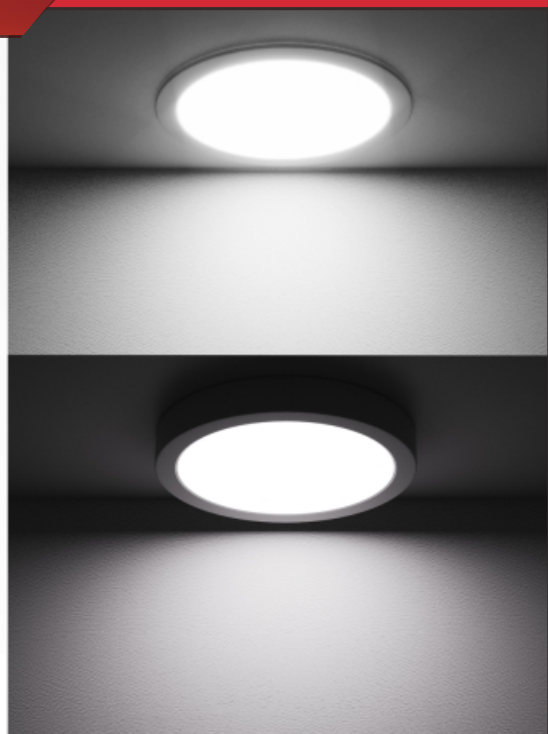
specification

Product Name :	RECESSED LED DOWNLIGHT
Model No. :	NX-MBY3-2106Z-R-3W / NX-MBY4-2106P-R-6W / NX-MBY6-2106J-R-12W
Specification :	AC220-240V, 50/60Hz; 22mA 3W / 50mA 6W / 96mA 12W
Working Temp :	-10~40(°C)
Power Factor :	0.5
CRI(ra) :	80
Body Color :	White
Light Source :	SMD Chip
Lumen :	50-80LM/W
Life Time :	25000 hrs
Beam Angle :	100°
Product Size :	Φ85/128/170*21mm
Cut Out:	75/115/155mm
IP :	IP40
Application :	Home, Shop, Hotel...etc
Warranty :	2 years
Standard :	CE

Color Temperature:

3000K / 4000K / 6500K





IP40

VIDEO



LED Downlight

18W

specification

	RECESSED LED DOWNLIGHT	SURFACE LED DOWNLIGHT
Product Name :	NX-MBY8-2106G-R-18W	NX-MBU8-2106G-S-18W
Model No. :	NX-MBY8-2106G-R-18W	NX-MBU8-2106G-S-18W
Specification :	AC220-240V, 50/60Hz, 135mA, 18W	AC220-240V, 50/60Hz, 135mA, 18W
Working Temp :	-10~40(°C)	-10~40(°C)
Power Factor :	0.5	0.5
CRI(ra) :	80	80
Body Color :	White	White
Light Source :	SMD Chip	SMD Chip
Lumen :	70-80LM/W	70-80LM/W
Life Time :	25000 hrs	25000 hrs
Beam Angle :	100°	100°
Product Size :	229*21mm	231*33mm
Cut Out:	210mm	
IP :	IP40	IP40
Application :	Home, Shop, Hotel...etc	Home, Shop, Hotel...etc
Warranty :	2 years	2 years
Standard :	CE	CE

Color Temperature:

3000K / 4000K / 6500K



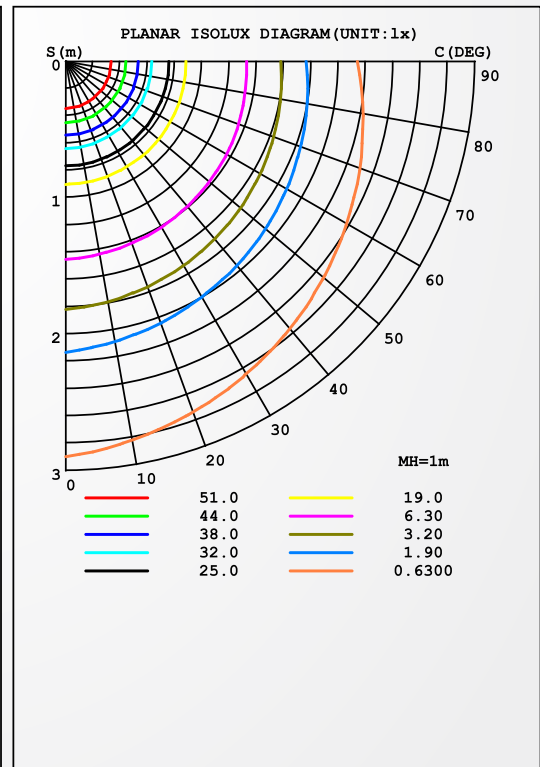
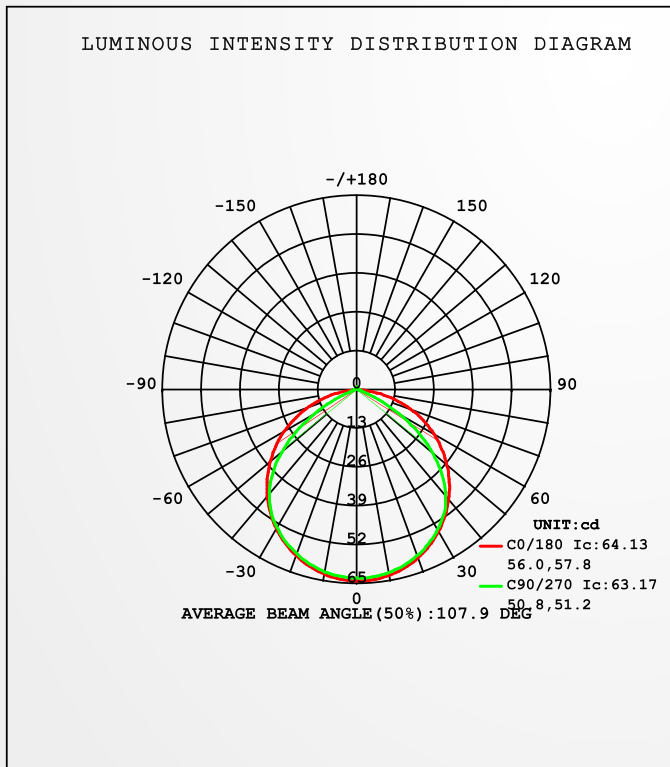


3W

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.24V I:0.022A P:3.01W PF:0.5920 Freq:49.99Hz Lamp Flux:166.17x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: NX-MBY3-2106Z-R-3W-30K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 55.16 lm/W
MODEL	NX-MBY3-2106Z-R-3W-30K	Imax (cd)	64.13	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	3	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	166.17	η UP, DN (C0-180)	0.8, 50.1	
NOMINAL FLUX (lm)	166.17	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 48.3	
LAMPS INSIDE	1	η up (%)	1.5	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	98.5	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 60%
Test Distance: 7.630m [K=1.0000]
Remarks:



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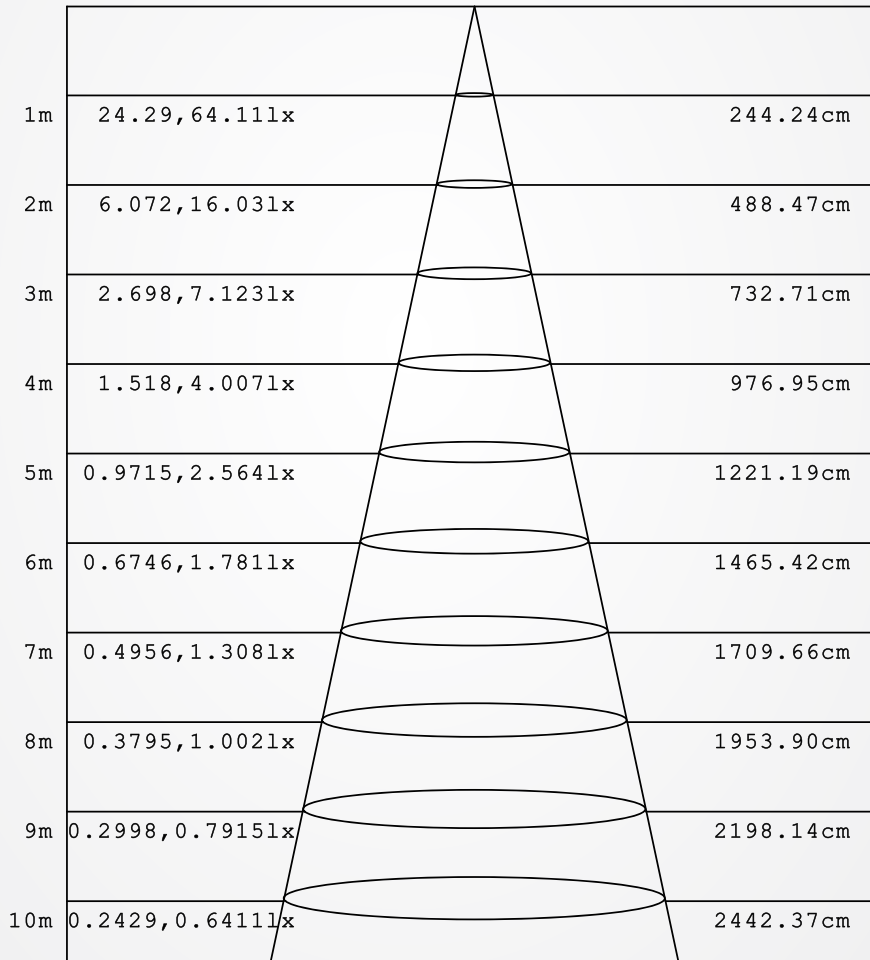


3W

AAI FIGURE

Test:U:230.24V I:0.022A P:3.01W PF:0.5920 Freq:49.99Hz Lamp Flux:166.17x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: NX-MBY3-2106Z-R-3W-30K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:116.4 lm



Height Eavg, Emax Angle:101.37deg 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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:60%
Test Distance:7.630m [K=1.0000]
Remarks:



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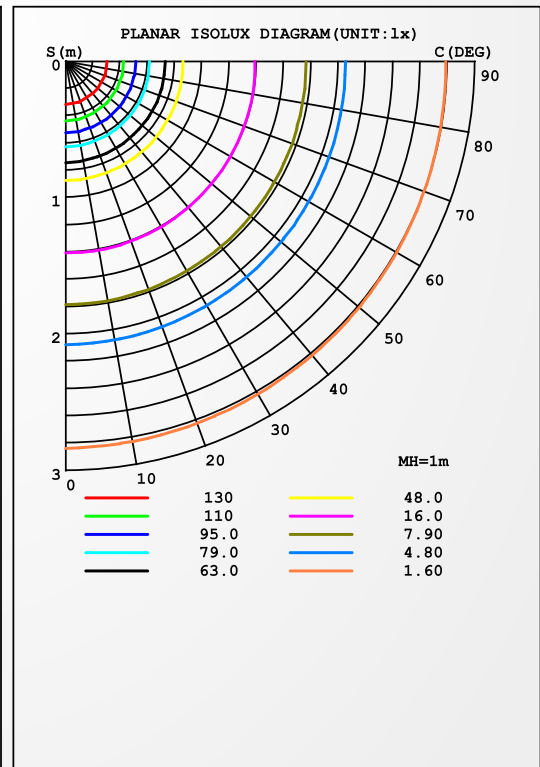
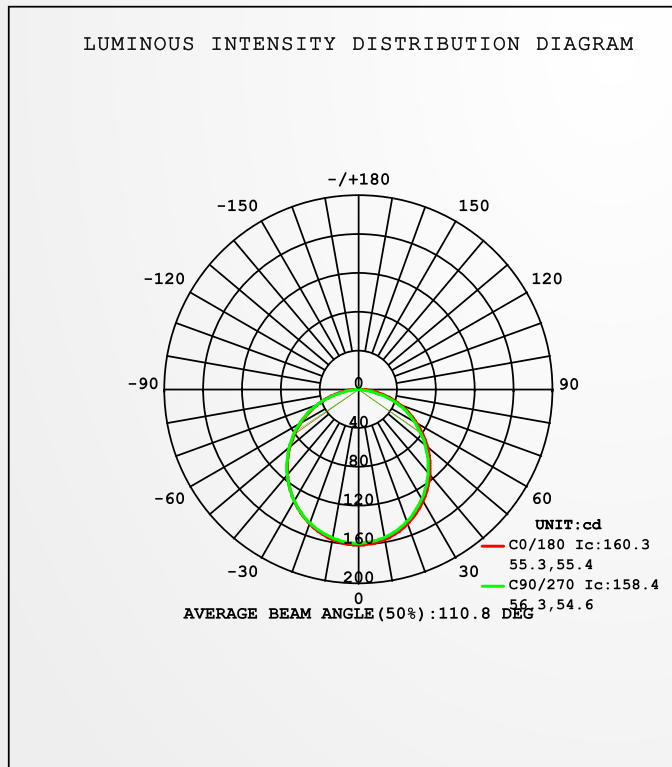


6W

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.35V I:0.050A P:6.52W PF:0.5700 Freq:49.99Hz Lamp Flux:452.974x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:LED	WEIGHT:
SPEC.: NX-MBY4-2106P-R-6W-65K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 69.43 lm/W
MODEL	NX-MBY4-2106P-R-6W-65K	Imax (cd)	160.3	S/MH (C0/180)	1.24	
NOMINAL POWER (W)	6	LOR (%)	100.0	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	452.97	η UP, DN (C0-180)	0.8, 48.9	
NOMINAL FLUX (lm)	452.974	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.6	
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	98.6	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 20 July 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 60%
Test Distance: 7.630m [K=1.0000]
Remarks:



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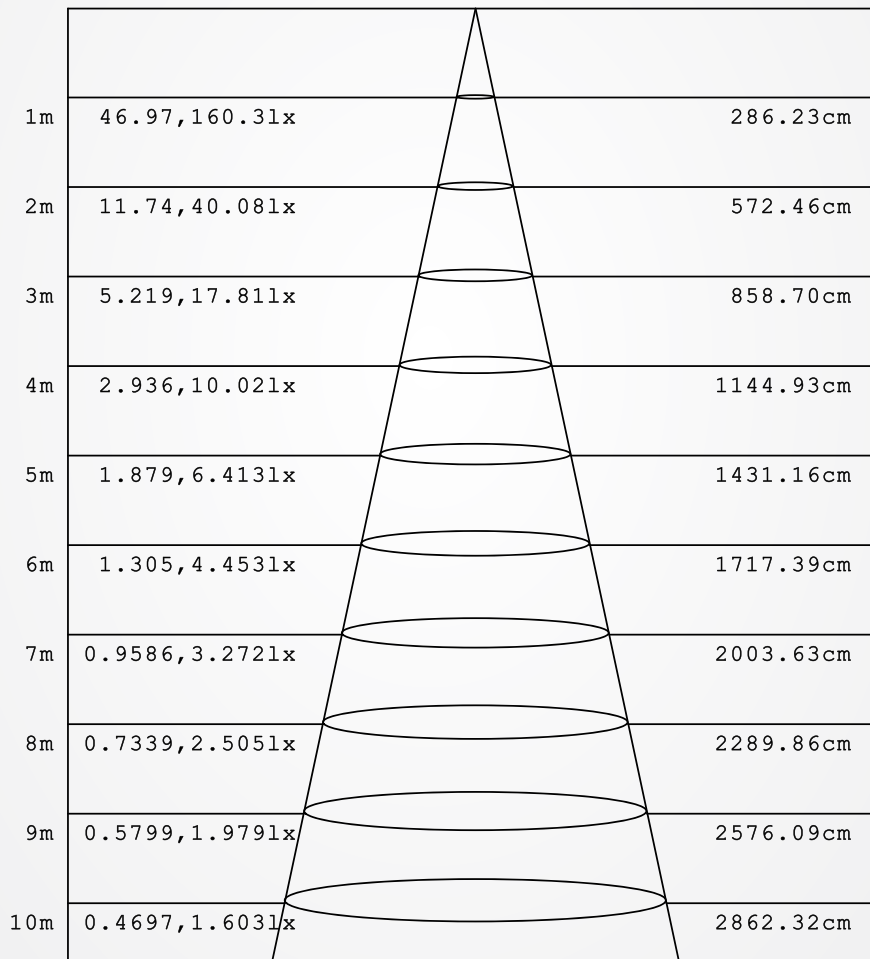


6W

AAI FIGURE

Test:U:230.35V I:0.050A P:6.52W PF:0.5700 Freq:49.99Hz Lamp Flux:452.974x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:LED	WEIGHT:
SPEC.: NX-MBY4-2106P-R-6W-65K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:324.4 lm



Height Eavg, Emax Angle:110.11deg 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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:20 July 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:60%
Test Distance:7.630m [K=1.0000]
Remarks:



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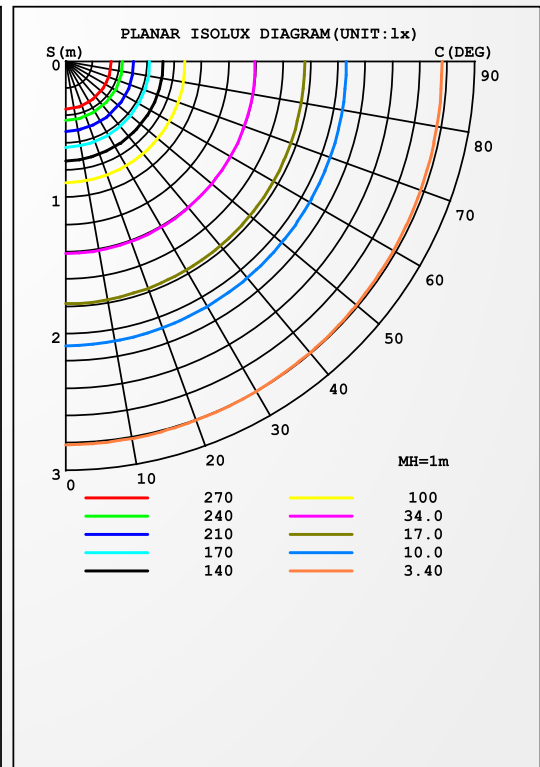
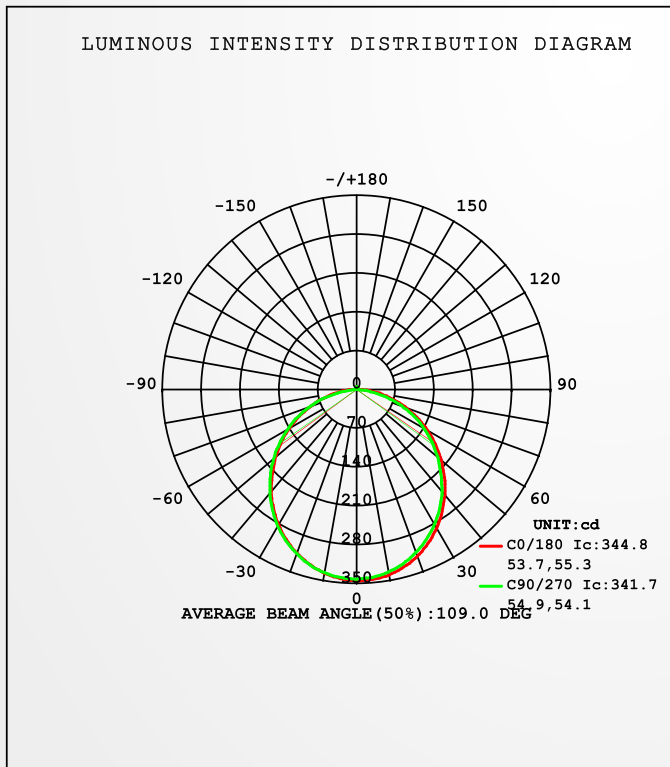
12W

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.32V I:0.096A P:12.35W PF:0.5611 Freq:49.99Hz Lamp Flux:956.352x1 lm

NAME: RECESSED LED DOWNLIGHT	TYPE:LED	WEIGHT:
SPEC.: NX-MBY6-2106J-R-12W-65K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 77.42 lm/W
MODEL	NX-MBY6-2106J-R-12W-65K	Imax (cd)	344.8	S/MH (C0/180)	1.22	
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.24	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	956.35	η UP, DN (C0-180)	0.8, 49.5	
NOMINAL FLUX (lm)	956.352	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.1	
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	98.6	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 20 July 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 60%
Test Distance: 7.630m [K=1.0000]
Remarks:



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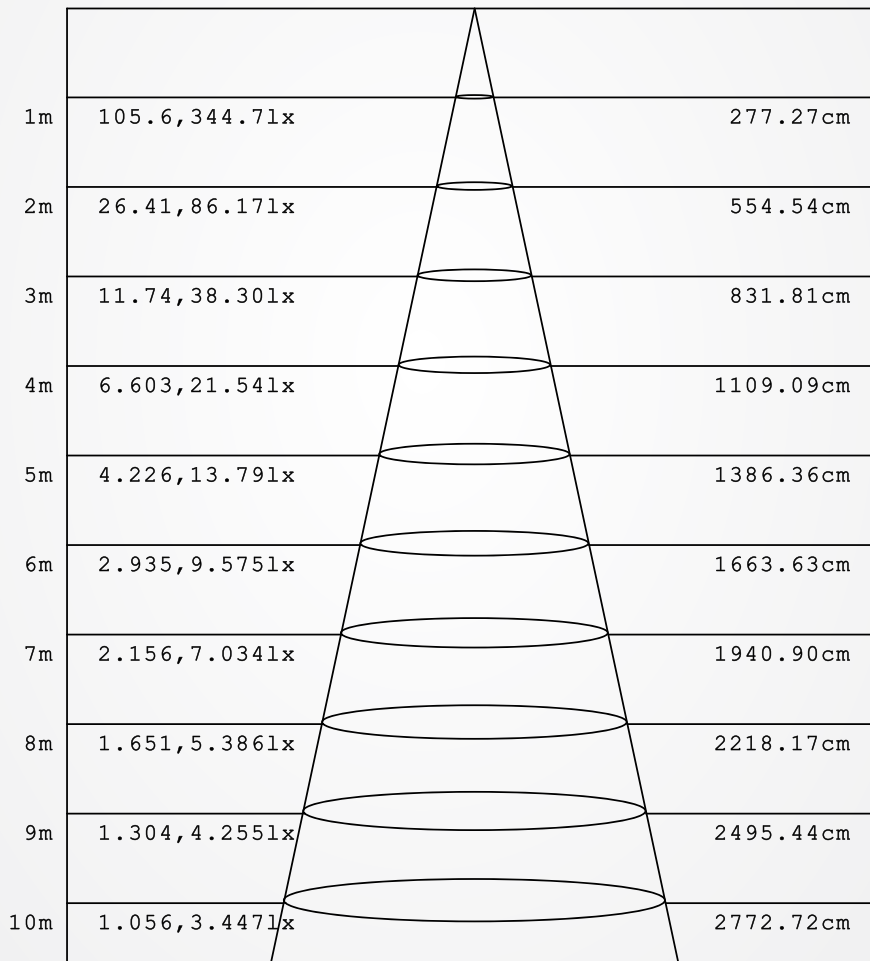


12W

AAI FIGURE

Test:U:230.32V I:0.096A P:12.35W PF:0.5611 Freq:49.99Hz Lamp Flux:956.352x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:LED	WEIGHT:
SPEC.: NX-MBY6-2106J-R-12W-65K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:677.0 lm



Height Eavg, Emax Angle:108.39deg 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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:20 July 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:60%
Test Distance:7.630m [K=1.0000]
Remarks:



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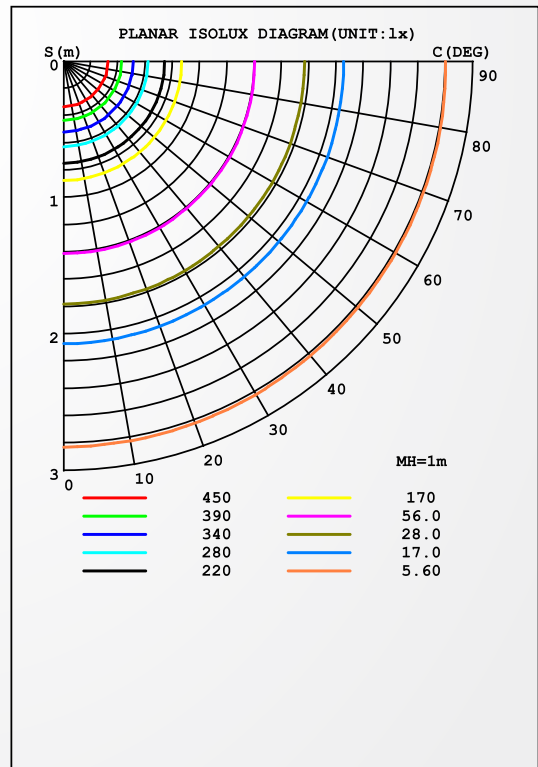
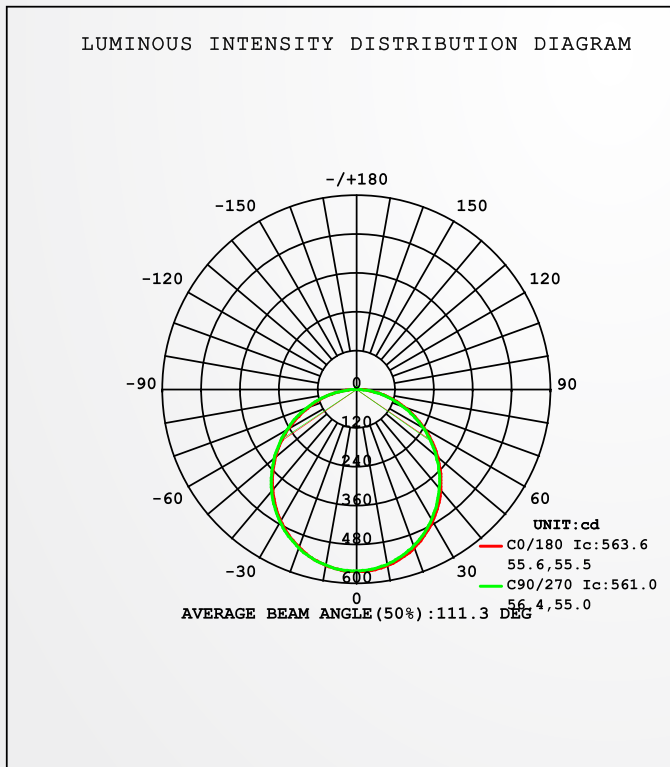


18W

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.23V I:0.135A P:18.07W PF:0.5797 Freq:49.99Hz Lamp Flux:1254.64x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:LED	WEIGHT:
SPEC.: NX-MBY8-2106G-R-18W-30K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 89.68 lm/W
MODEL	NX-MBY8-2106G-R-18W-30K	Imax (cd)	563.6	S/MH (C0/180)	1.24	
NOMINAL POWER (W)	18	LOR (%)	129.2	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1620.5	η UP, DN (C0-180)	1.0, 63.1	
NOMINAL FLUX (lm)	1254.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 64.3	
LAMPS INSIDE	1	η up (%)	1.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	127.4	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: NEXLEDS
Test Date: 2022-04-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 60%
Test Distance: 7.630m [K=1.0000]
Remarks:



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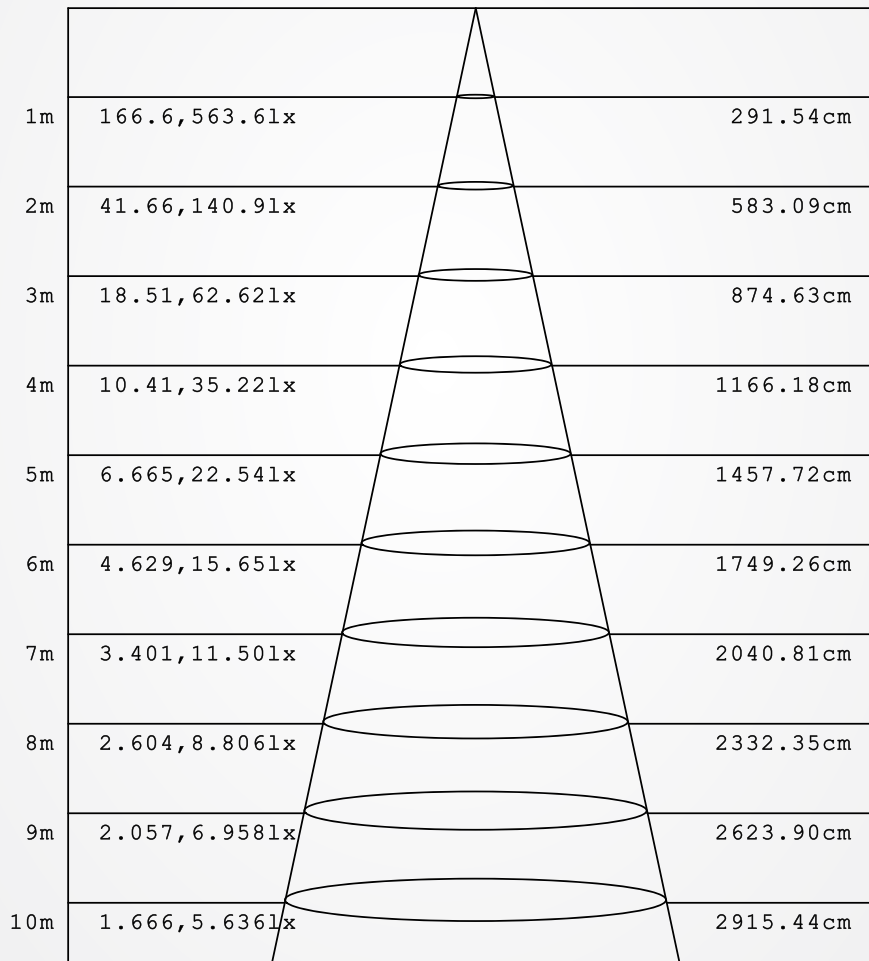


18W

AAI FIGURE

Test:U:230.23V I:0.135A P:18.07W PF:0.5797 Freq:49.99Hz Lamp Flux:1254.64x1 lm		
NAME: RECESSED LED DOWNLIGHT	TYPE:LED	WEIGHT:
SPEC.: NX-MBY8-2106G-R-18W-30K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

Flux out:1151 lm



Height Eavg, Emax Angle:111.10deg 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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: NEXLEDS
Test Date:2022-04-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:60%
Test Distance:7.630m [K=1.0000]
Remarks:



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