

3 YEARS
WARRANTY



NXP7B VIDEO



LED Down Light
NXP7B

3" - 6W

4" - 10W

5" - 15W

8" - 21W/ 27W

specification

MODEL NO.:	NX-P7B-6W-DL-6500K	NX-P7B-10W-DL-6500K	NX-P7B-15W-DL-6500K	NX-P7B-21W-DL-6500K	NX-P7B-27W-DL-6500K
	NX-P7B-6W-DL-4000K	NX-P7B-10W-DL-4000K	NX-P7B-15W-DL-4000K	NX-P7B-21W-DL-4000K	NX-P7B-27W-DL-4000K
	NX-P7B-6W-DL-3000K	NX-P7B-10W-DL-3000K	NX-P7B-15W-DL-3000K	NX-P7B-21W-DL-3000K	NX-P7B-27W-DL-3000K
					NX-P7B-27W-DL-CH.COLOR
WATTAGE:	6W ; 48mA	10W ; 86mA	15W ; 110mA	21W ; 160mA	27W ; 210mA
LUMEN:	500LM~540LM	850LM~900LM	1350LM~1400LM	1900LM~2000LM	2500LM~2700LM
PRODUCT SIZE:	Φ92*50mm	Φ112*50mm	Φ166*54mm	Φ216*58mm	Φ216*58mm
CUT OUT:	Φ75mm	Φ100mm	Φ150mm	Φ200mm	Φ200mm
PRODUCT NAME:	NXP7B LED Down Light				
VOTAGE:	AC220-240V; 50/60Hz				
WORKING TEMP:	-20~40°C				
POWER FACTOR:	0.5				
CRI(RA):	80				
COLOR:	White Color				
LIGHT SOURCE:	Dacol SMD				
LIFE TIME:	25000H				
BEAM ANGLE:	110°				
IP:	IP20				
APPLICATION:	Home, Shop, Hotel, etc.				
WARRANTY:	3 years				
STANDARD:	IEC60598; RoHS				

Color Temperature:

6500K / 4000K / 3000K / 6500K-3000K-4000K

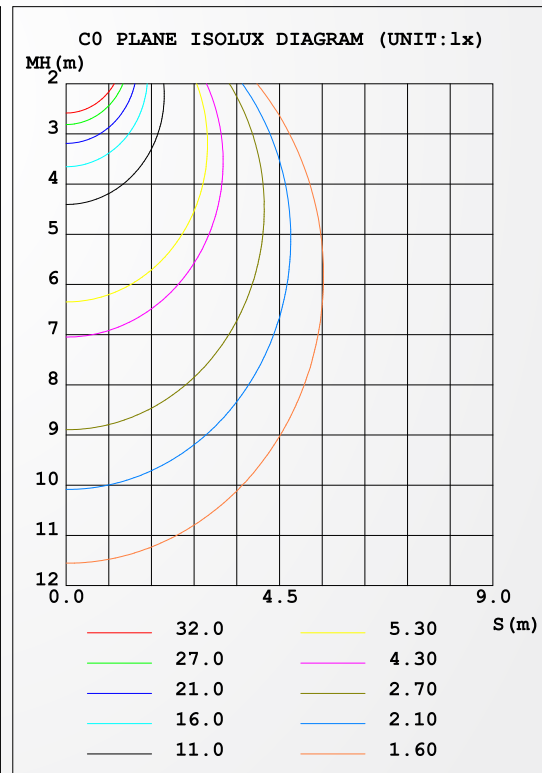
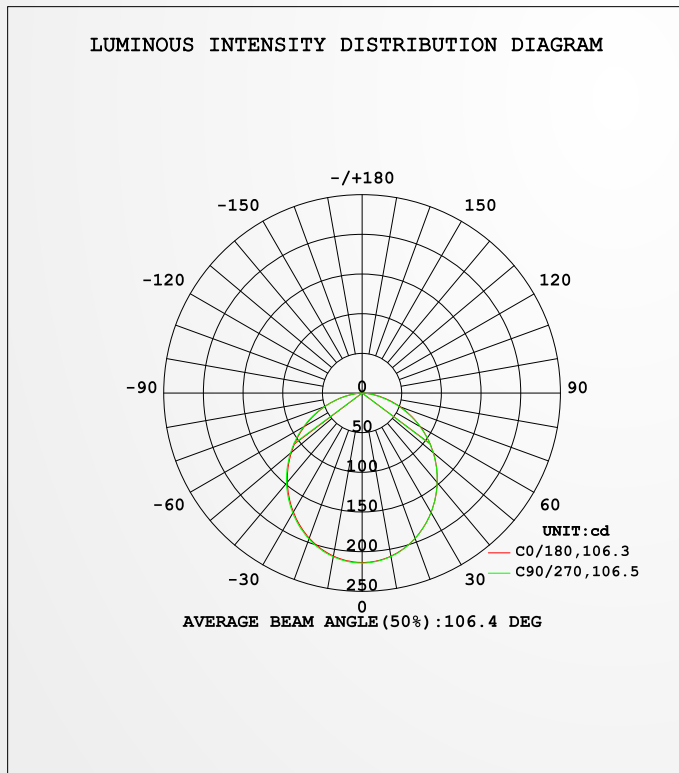


LUMINAIRE PHOTOMETRIC TEST REPORT



Test:U:230.1V I:0.0489A P:6.229W PF:0.5539 Freq:50.00Hz Lamp Flux:565.27x1 lm		
NAME: NXP7B LED Downlight	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A1900530A001
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 90.75 lm/W
MODEL	NX-P7B-6W-DL-6500K	Imax (cd)	214.9	S/MH (C0/180)	1.21	
NOMINAL POWER (W)	6W	LOR (%)	100.0	S/MH (C90/270)	1.22	
RATED VOLTAGE (V)		TOTAL FLUX (lm)	565.27	<input type="checkbox"/> UP, DN (C0-180)	0.0,49.7	
NOMINAL FLUX (lm)	565.27	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0,50.3	
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)		<input type="checkbox"/> down (%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:WUYJ
 Test Date:2019-01-11

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.362
 Humidity:46%
 Test Distance:3.150m [K=1.0000]
 Remarks:



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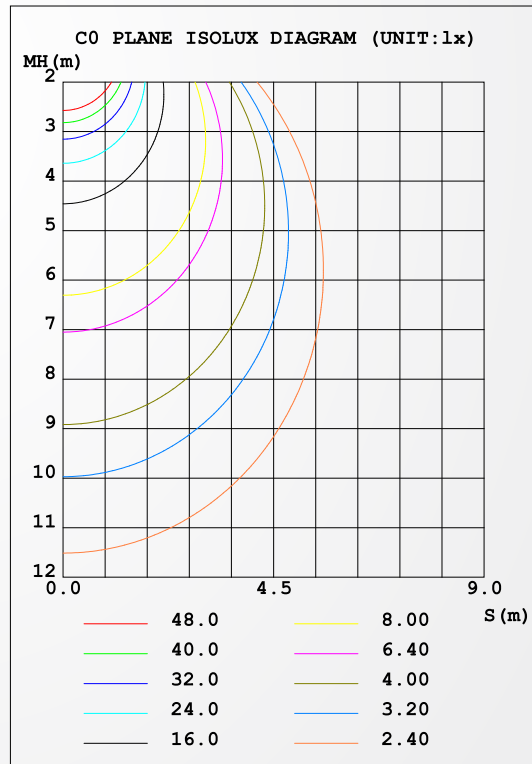
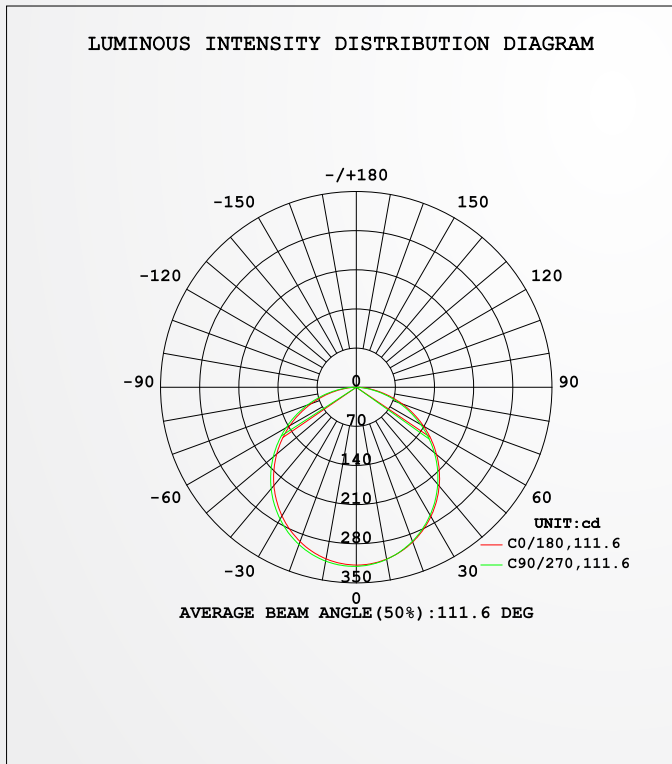
NEXTLITE PRODUCTS

LUMINAIRE PHOTOMETRIC TEST REPORT



Test:U:230.2V I:0.0748A P:9.689W PF:0.5627 Freq:50.00Hz Lamp Flux:906.574x1 lm		
NAME: NXP7B LED Downlight	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A1919178B001
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.57 lm/W
MODEL	NX-P7B-10W-DL-6500K	Imax (cd)	321.9	S/MH (C0/180)	1.24	
NOMINAL POWER (W)	10W	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)		TOTAL FLUX (lm)	906.57	η UP, DN (C0-180)	0.0, 48.8	
NOMINAL FLUX (lm)	906.574	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.2	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)		η down (%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: KDD
 Test Date: 2019-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-SPEC316_V1 SYSTEM V2.0.362
 Humidity: 46%
 Test Distance: 3.150m [K=1.0000]
 Remarks:



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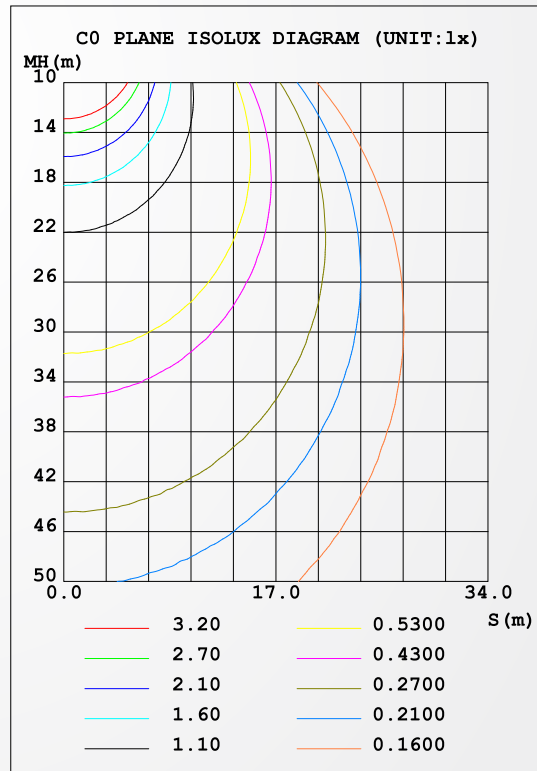
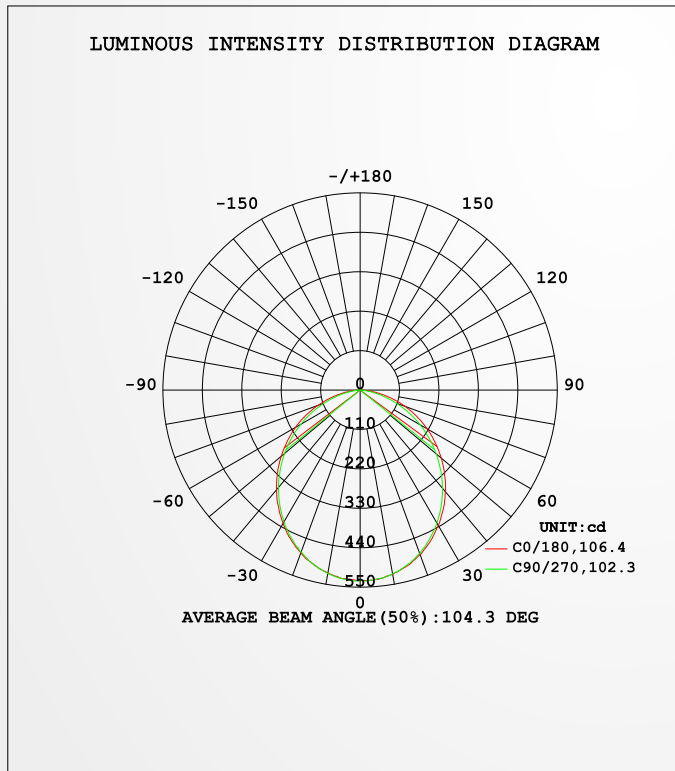
NEXLITE PRODUCTS

LUMINAIRE PHOTOMETRIC TEST REPORT



Test:U:229.9V I:0.1132A P:14.62W PF:0.5617 Freq:50.01Hz Lamp Flux:1385.79x1 lm		
NAME: NXP7B LED Downlight	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A1817279A001
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	NX-P7B-15W-DL-6500K	Imax (cd)	533.0	S/MH (C0/180)	1.21
NOMINAL POWER (W)	15W	LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1385.8	η UP, DN (C0-180)	0.1, 50.2
NOMINAL FLUX (lm)	1385.79	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.7
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: WUYJ
 Test Date: 2018-12-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.363T
 Humidity: 39.1%
 Test Distance: 26.000m [K=1.0000]
 Remarks:



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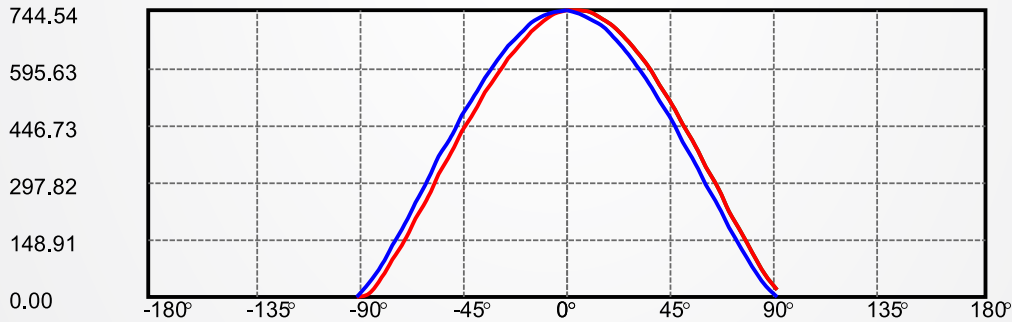
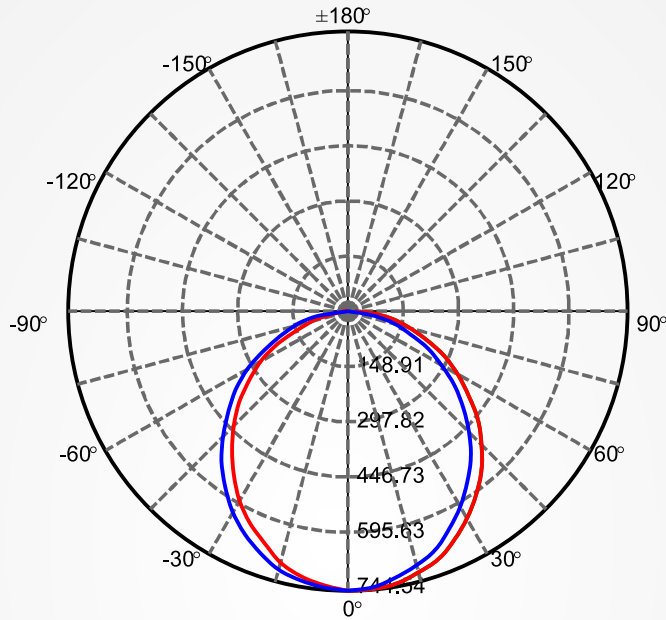
LUMINAIRE PHOTOMETRIC TEST REPORT



Model: NX-P7B-21W-DL-4000K

Light Distribution Curve [Unit:cd]

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C0(Max): —
 C0/C180: —
 C90/C270: —

Field angle(10%Imax):C0/180Left:77.3 Right:83.9
 :C90/270Left:81.1 Right:80.2

Beam Angle(50%Imax):C0/180Left:50.3 Right:57.0
 :C90/270Left:54.3 Right:53.0

Equipment: GMS1800
 Temperature(C): 24.5

Date: 2018-11-6
 Humidity(%): 40.0%

Operator: LWQ
 Distance(m): 10.15



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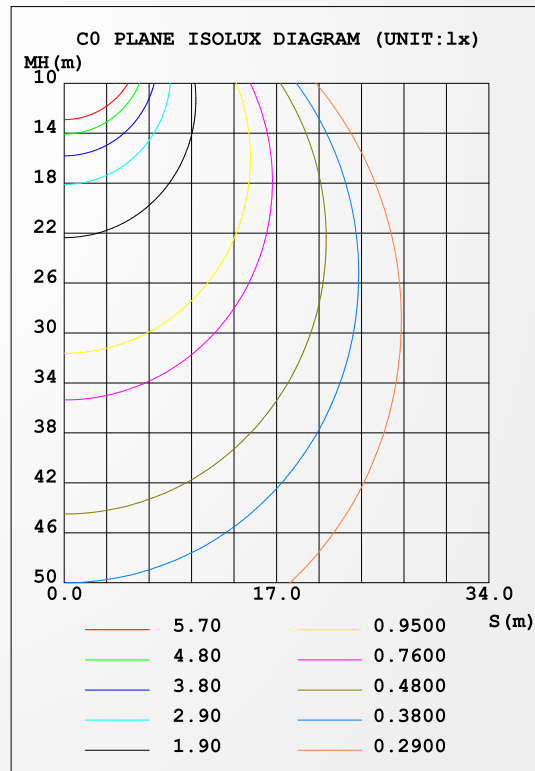
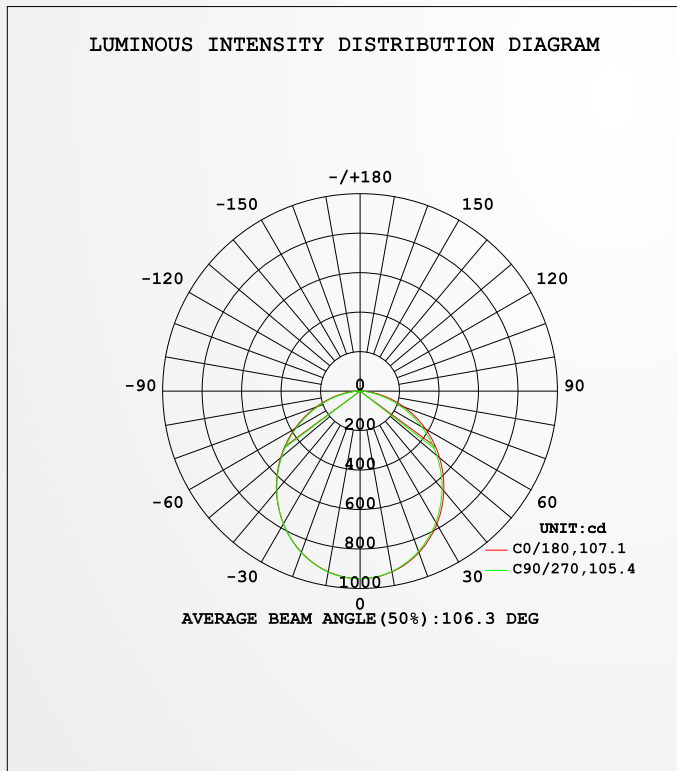
NEXTLITE PRODUCTS

LUMINAIRE PHOTOMETRIC TEST REPORT



Test:U:220.0V I:0.2110A P:26.54W PF:0.5719 Freq:50.01Hz Lamp Flux:2546.74x1 lm		
NAME: NXP7B LED Downlight	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A1905451A001
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	NX-P7B-27W-DL-3000K	Imax (cd)	950.3	S/MH (C0/180)	1.22
NOMINAL POWER (W)	27W	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2546.7	η UP, DN (C0-180)	0.1,49.5
NOMINAL FLUX (lm)	2546.74	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1,50.3
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: KDD
 Test Date: 2019-04-25

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.363T
 Humidity: 37%
 Test Distance: 26.000m [K=1.0000]
 Remarks:



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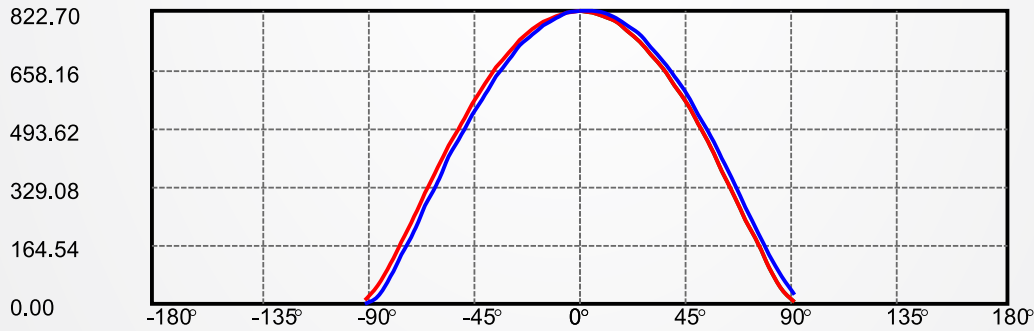
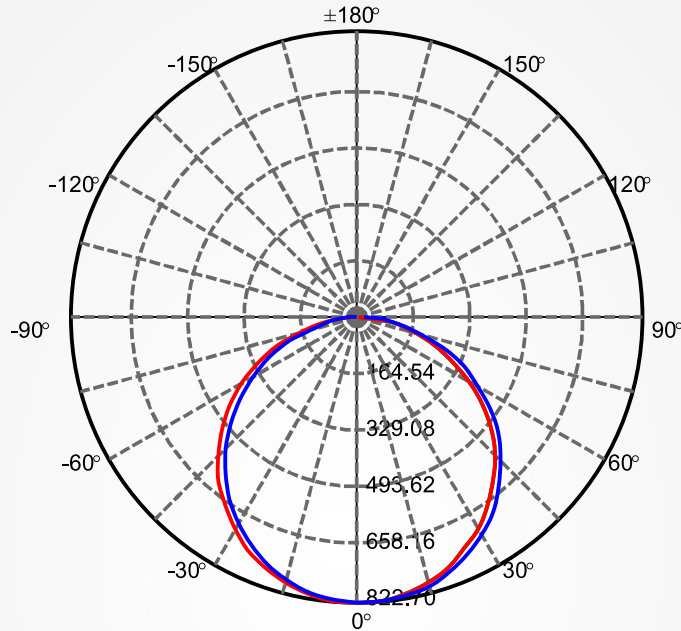
LUMINAIRE PHOTOMETRIC TEST REPORT



Model: NX-P7B-27W-DL-CH.COLOR

Light Distribution Curve [Unit:cd]

Appendix Page: 4 Total:10



C0(Max): ———

C0/C180: ———

C90/C270: ———

Field angle(10%Imax):C0/180Left:82.4 Right:81.8

:C90/270Left:79.4 Right:84.5

Beam Angle(50%Imax):C0/180Left:57.7 Right:57.1

:C90/270Left:55.0 Right:59.8

Equipment: GMS1800
Temperature(C): 24.6

Date: 2020-1-19
Humidity(%): 42.0%

Operator: KDD
Distance(m): 10.00



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