

SPECIFICATION

NEXLEDS

NEXLEDS LTD



5 CCT
Changeable

VIDEO



4" HEX Slim Panel Downlight

NX-4HXP-9W-5CCT

Specification

PRODUCT NAME :	4" HEX Slim Panel Downlight
MODEL NO. :	NX-4HXP-9W-5CCT
SPECIFICATION :	TYPE IC; AC120V; 50/60Hz; 9W
WORKING TEMP :	-4(°F)~+122(°F)
POWER FACTOR :	>0.90; Flicker free
CRI(RA) :	>90
URG :	<14
COLOR :	White Color
LIGHT SOURCE :	SMD2835 Chip
LUMEN :	750lm
CABLE TYPE :	Fire rated 20 Mins FT4 cable
LIFE TIME :	50000 hrs
BEAM ANGLE :	70°
PRODUCT SIZE :	D(5 inch)*H(0.86 inch)
CUT OUT :	4.3 inch
IP :	Suitable for Wet Location
APPLICATION :	Home, Shop, Hotel
WARRANTY :	5 years
STANDARD :	ETL/ICES
DIMMABLE :	Triac Dimming
COLOR TEMP :	2700K-3000K-3500K-4000K-5000K Changleable



www.nexleds.ca



Email: sales@nexleds.ca

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Feature:

- Ultra-thin lamp body, seamlessly integrates, perfectly blended, saving space.
- Lens for light guidance, soft and uniform light distribution, no dark areas.
- Instant on.

Dimension:

Size	Dimension	Hole Size	Accessories
4inch	Top view: 4.92" (125±2mm) x 3.12" (79.3±2mm) Side view: 2.77" (70.4±2mm) Detail view: 0.86" (21.8±2mm) x 1.38" (35.1±2mm)	Hole Size $\Phi 4.21/64"$ (110mm)	Hole cutout card Connector

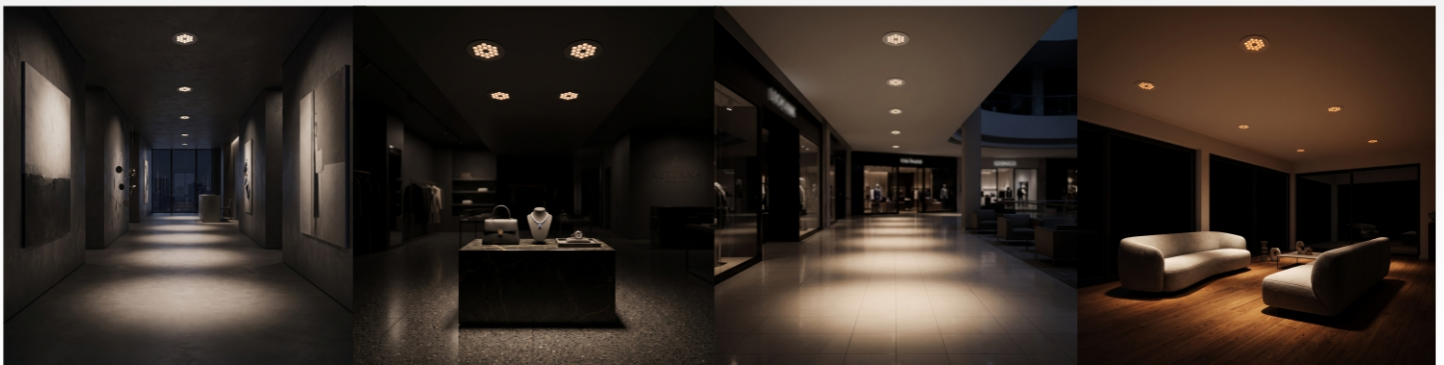
Installation:

No existing recessed housing or junction box required.
Suitable for most new constructions.
Install J-Box in ceiling beam, and insert light right into drywall opening

Dimming:

Compatible with most triac dimmers to give user a smooth 100%-10% dimming to choose the desired brightness.

Applications:



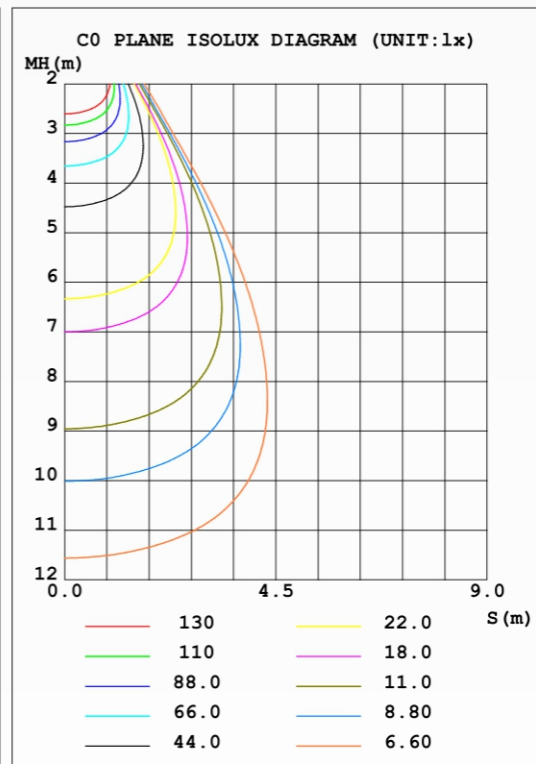
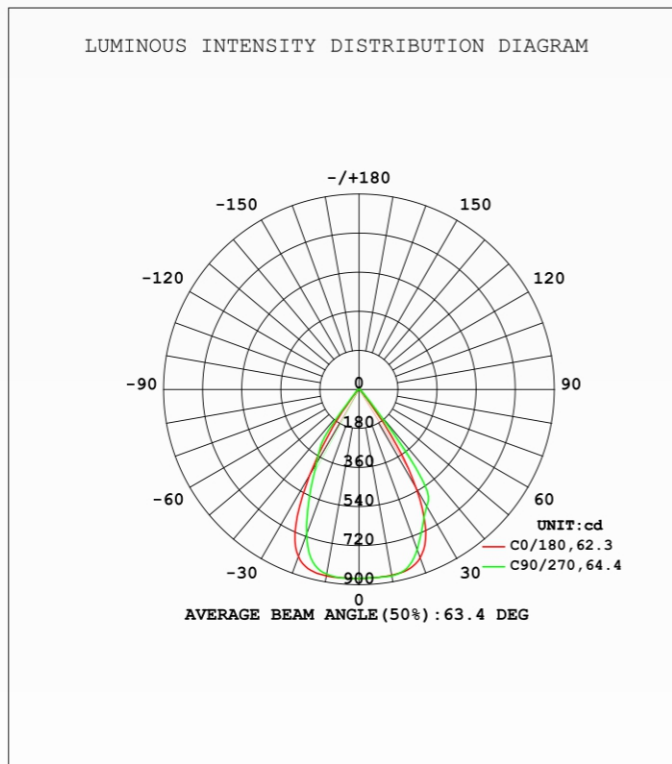


5000K
9W

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:121.20V I:0.0740A P:8.5900W PF:0.9580 Freq:60.00Hz Lamp Flux:885.144x1 lm		
NAME: NX-4HXP-9W-5CCT	TYPE:	WEIGHT:
SPEC.: 9W 5000K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 103.04 lm/W
MODEL	NX-4HXP-9W-5CCT	I _{max} (cd)	872.4	S/MH (C0/180)	0.88	
NOMINAL POWER (W)	9	LOR (%)	100.0	S/MH (C90/270)	0.88	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	885.15	η UP, DN (C0-180)	1.0, 53.3	
NOMINAL FLUX (lm)	885.144	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.0, 44.7	
LAMPS INSIDE	1	η up (%)	2.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE (V)	120.0	η down (%)	98.0	CIBSE SHR MAX	0.90	



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.074m [K=1.0000]
Remarks:





5000K
9W

UGR (Unified Glare Rating) Table

Test:U:121.20V I:0.0740A P:8.5900W PF:0.9580 Freq:60.00Hz Lamp Flux:885.144x1 lm		
NAME: NX-4HXP-9W-5CCT	TYPE:	WEIGHT:
SPEC.: 9W 5000K	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.:	Shielding Angle:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	9.3	10.3	9.6	10.5	10.7	11.0	12.0	11.3	12.2	12.4
3H	9.3	10.2	9.6	10.4	10.7	11.0	11.8	11.2	12.1	12.3
4H	9.4	10.2	9.7	10.4	10.7	10.9	11.8	11.2	12.0	12.3
6H	9.4	10.2	9.7	10.5	10.8	10.9	11.7	11.3	12.0	12.3
8H	9.4	10.2	9.8	10.5	10.8	10.9	11.7	11.3	12.0	12.3
12H	9.4	10.2	9.8	10.5	10.8	10.9	11.6	11.3	12.0	12.3
4H 2H	9.1	10.0	9.5	10.2	10.5	10.8	11.6	11.1	11.9	12.1
3H	9.2	9.9	9.6	10.2	10.6	10.8	11.5	11.1	11.8	12.1
4H	9.3	10.0	9.7	10.3	10.6	10.8	11.5	11.2	11.8	12.1
6H	9.4	10.0	9.9	10.4	10.8	10.9	11.4	11.3	11.8	12.2
8H	9.5	10.1	9.9	10.4	10.8	10.9	11.4	11.3	11.8	12.2
12H	9.6	10.1	10.0	10.5	10.9	10.9	11.4	11.4	11.8	12.2
8H 4H	9.3	9.8	9.7	10.2	10.6	10.7	11.3	11.2	11.6	12.1
6H	9.5	9.9	10.0	10.4	10.8	10.8	11.3	11.3	11.7	12.2
8H	9.6	10.0	10.1	10.5	11.0	10.9	11.3	11.4	11.8	12.2
12H	9.8	10.1	10.3	10.6	11.1	11.0	11.3	11.5	11.8	12.3
12H 4H	9.2	9.7	9.7	10.1	10.6	10.7	11.2	11.1	11.6	12.0
6H	9.5	9.9	10.0	10.3	10.8	10.8	11.2	11.3	11.7	12.2
8H	9.7	10.0	10.2	10.5	11.0	10.9	11.3	11.4	11.7	12.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 1.9					+ 3.9 / - 3.9				
1.5H	+ 3.4 / - 1.9					+ 6.4 / - 3.6				
2.0H	+ 0.7 / - 0.4					+ 1.4 / - 0.6				

CIE Pub.117, 885.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
Area: 0.1 m2

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C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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