

**3 YEARS**  
WARRANTY



**Changeable Color Temperature**



**ADJUSTABLE SPRING**

PANNELLO Video



**PANNELLO**  
LED PANEL LIGHT

**18W**

**24W**

**36W**

**specification**

PRODUCT NAME :	LED PANEL LIGHT
MODEL NO. :	PANNELLO-PL26 18W (12W changeable CCT)/24W/36W
SPECIFICATION :	AC200-240V, 50-60Hz, 18W (12W changeable CCT)/24W/36W
WORKING TEMP :	-20-50(°C)
POWER FACTOR :	>0.6
CRI(RA) :	>80
COLOR :	White
LIGHT SOURCE :	SMD Chip
LUMEN :	110 LM/W
BEAM ANGLE :	120°
PRODUCT SIZE :	120*27mm/170*27mm/225*27mm
CUTOUT	70-108mm/70-155mm/70-206mm
IP :	IP20
APPLICATION :	Home, Shop, Hotel..etc.
WARRANTY :	3 years
STANDARD :	CE

**Color Temperature:**

**6500K / 4000K / 3000K /**

**Changeable Color Temperature**



**NEXTLITE PRODUCTS**

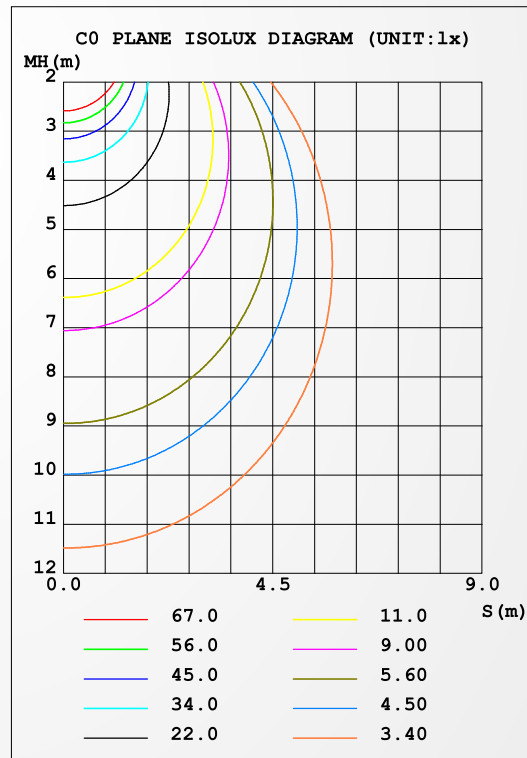
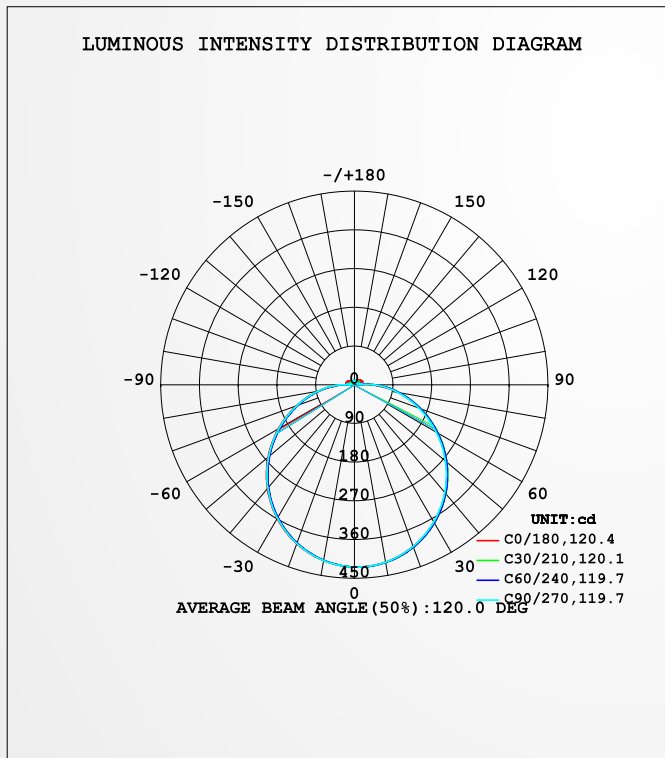


# LUMINAIRE PHOTOMETRIC TEST REPORT



NAME: PANNELLO LED PANEL LIGHT	TYPE: SMD	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 90.38 lm/W
MODEL	PANNELLO-PL26 18W	I <sub>max</sub> (cd)	424.1	S/MH (C0/180)	1.26	
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1626.2	η UP, DN (C0-180)	2.8, 48.6	
NOMINAL FLUX (lm)	1626.24	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.3, 46.3	
LAMPS INSIDE	1	η up (%)	5.1	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	220	η down (%)	94.9	CIBSE SHR MAX	1.50	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: JACK  
Test Date: 2020-05-22

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 65.0%  
Test Distance: 11.565m [K=1.0000]  
Remarks:



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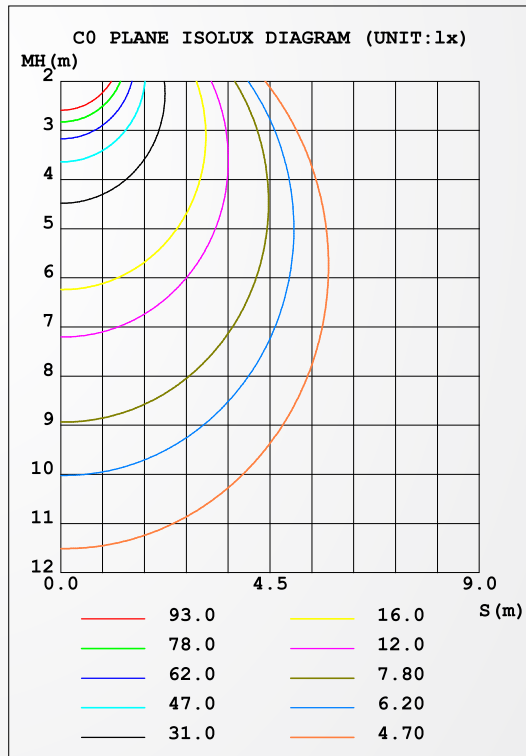
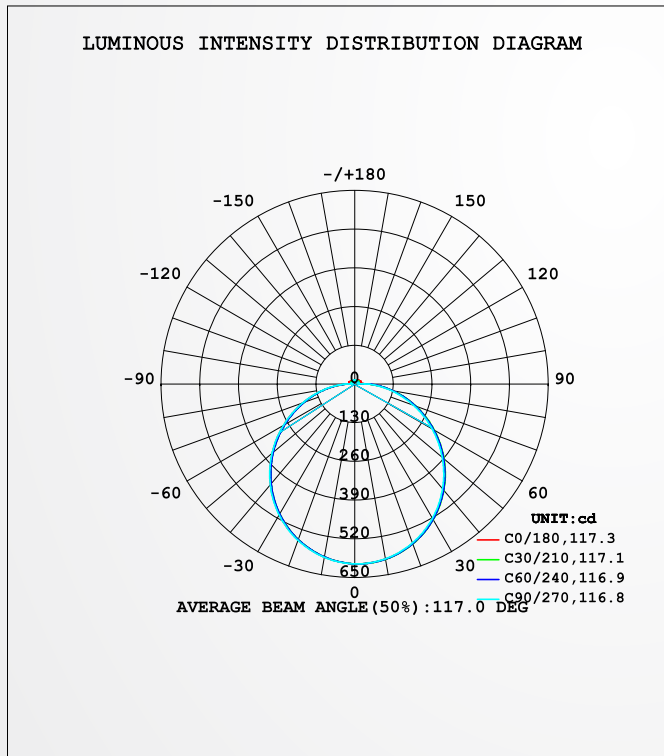
NEXTLITE PRODUCTS

# LUMINAIRE PHOTOMETRIC TEST REPORT



NAME: PANNELLO LED PANEL LIGHT	TYPE: SMD	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	PANNELLO-PL26 24W	Imax (cd)	604.2	S/MH (C0/180)	1.25
NOMINAL POWER (W)	24	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2373.3	η UP, DN (C0-180)	2.5, 48.9
NOMINAL FLUX (lm)	2373.26	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.0, 46.5
LAMPS INSIDE	1	η up (%)	4.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	95.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: JACK  
Test Date: 2020-05-22

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 65.0%  
Test Distance: 11.565m [K=1.0000]  
Remarks:



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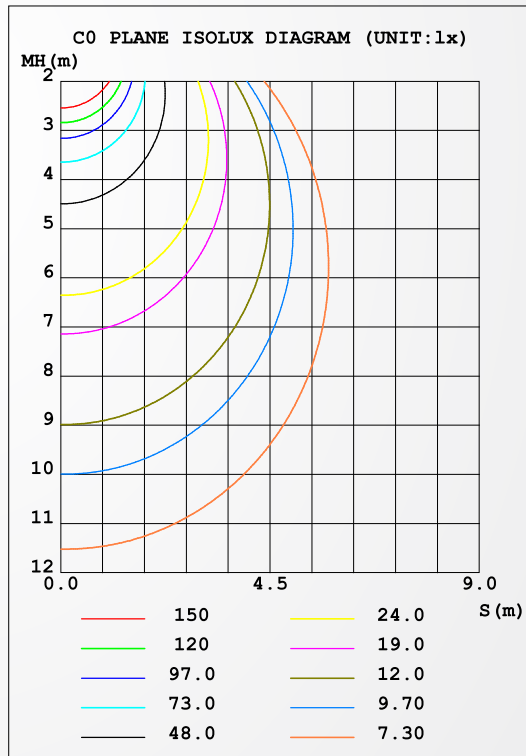
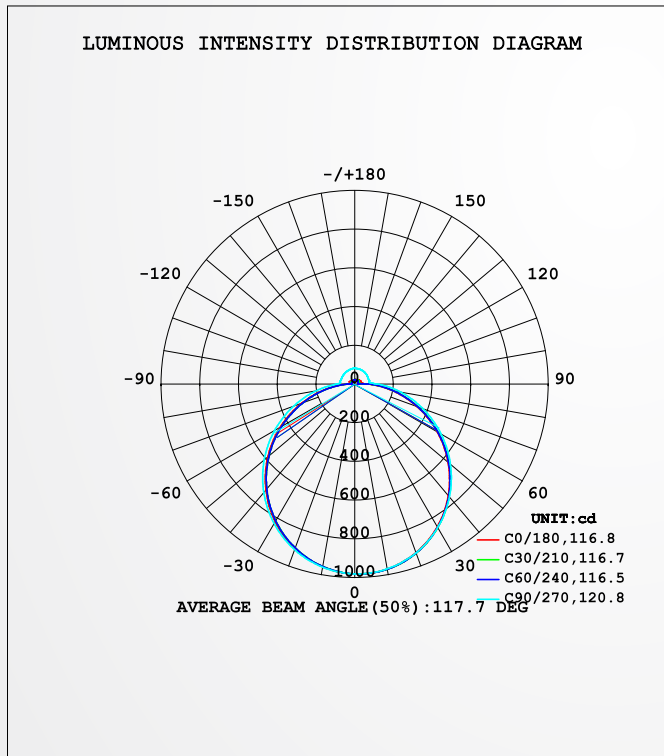
NEXTLITE PRODUCTS

# LUMINAIRE PHOTOMETRIC TEST REPORT



NAME: PANNELLO LED PANEL LIGHT	TYPE: SMD	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: NEXLEDS	SUR.: 25	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.39 lm/W			
MODEL	PANNELLO-PL26 36W	Imax (cd)	982.0	S/MH (C0/180)	1.25
NOMINAL POWER (W)	36	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3447.0	η UP, DN (C0-180)	4.9, 46.3
NOMINAL FLUX (lm)	3447.03	CIE CLASS	DIRECT	η UP, DN (C180-360)	4.7, 44.0
LAMPS INSIDE	1	η up (%)	9.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	90.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: JACK  
Test Date: 2020-05-22

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.407.13  
Humidity: 65.0%  
Test Distance: 11.565m [K=1.0000]  
Remarks:



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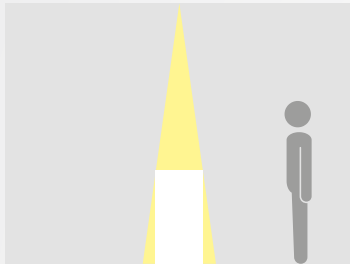
# LIGHTING DESIGN: THE BEAM ANGLE



NEXLEDS products are available with different light beam angles: each lighting issue needs a specific beam angle to reach the lighting designer ideas.

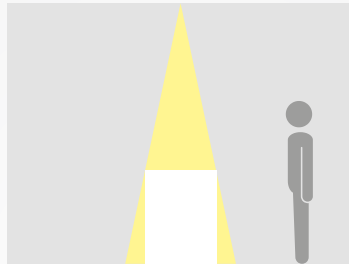
The same space illuminated with spot or wide beam generates totally different perception of the space and it affects the human activity and feeling: you can feel attracted by details of highlighted subjects in a room with high contrast between bright and dark areas or relaxed in a soft environment with a smooth illumination.

Accent Lighting highlights a certain space or object, task oriented lighting improves the productivity as well general lighting makes occupants feel safe and comfortable.



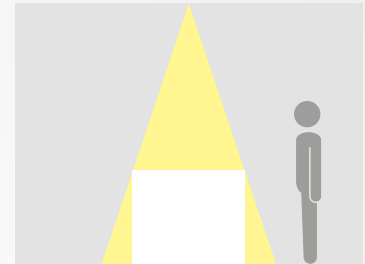
## Narrow beam

Used for accent lighting, it creates high contrast on objects and surfaces. At the same time it allows to install luminaires on higher ceiling because of the minor loss of light in space.



## Medium beam

Widely used for many application and tasks. It is a compromise to have high level of light in shops, restaurants and home.

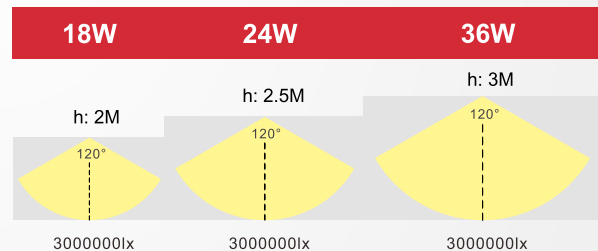


## Wide beam

Used for general lighting tasks, it is suitable for offices as well as relaxing rooms and open spaces. This beam angle allows to reduce the number of luminaires to have uniform illumination.

## Height of installation comparison

Height of installation of each model to reach **3000000lx** on the surface target. Calculation executed using the LEDs nominal values and secondary optics having the following specifications:



## Same height installation comparison

Height of installation of each model to reach **3M** on the surface target. Calculation executed using the LEDs nominal values and secondary optics to have the following specifications:

