



PNX4 Round Panel Light

-High Quality Light Space Artisan

PNX43/PNX44/PNX45/PNX46/PNX47/PN

X48/PNX49/PNX41/PNX40

PNX4 Round Panel light is specially designed for high-end office, hotel and restaurant. Depending on the application you can choose from size between diameter 300mm to diameter 1200mm, in this way, you will build a clever and lively light space; The Optical system is designed for maximum efficiency, while create a comfortable light environment, so that people living in the meantime. The luminaires' body is engraved from the block of aluminum using CNC machine, so that the housing is precise and smooth, combine with anodized surface and powder coating treatment ,the product presents a unique artistic temperament.

Application

Office, Hotel, Restaurant, Bar, Retail

Benefits

- **Most comprehensive range**

Depending on the application you can choose from the diameter between 300mm and 1200mm, while you can choose the power from 14W to 130W and the lumen flux from 1050lm to 10400lm.

- **Best lighting quality**

Light source shielded

Bright LED light represents a challenge for designers. Optimal luminance control and luminance uniformity was therefore of the almost important in the development of light panel with the light guide technology. The shading strip was pasted on the edge of the housing that made the luminance on the edge as the same as the luminance on the middle area.

Smooth transition

The light guide technology is that the light source recessed on the edge of the housing, the light guide plate make the light out, the diffuser make the light soft. With the light guide technology, PNX4 round panel light creates a soft and pleasant transition from light source to the light-exiting surface, makes people comfortable.

Excellent color rendering

PNX4 round panel light has two versions with Ra values above 80 and 90, people can choose the light depending the application.

- **Best energy efficiency**

High efficiency

The high-efficiency middle-power LEDs (>130lm/W) provide sufficient luminous flux to effectively light space. The light guide technology minimizes light loss both between LED and light guide plate and between light guide plate and the light-exiting surface. This results in a high specific

luminous flux of the luminaires (up to 80lm/W and more).

Exactly what you need

Thanks to this wide choice of size and lumen packages, you can develop an optimal lighting solution for every application, by reduce install power and/or number of luminaires, minimizing investment cost as well as energy consumption

- **Safest technological concept**

High maintenance factor

LED+LGP technology maximizing the long service life of 50,000 hours at 70% luminous flux.

Thermal design

The luminaires' thermal design plays a crucial role in the high maintenance factor. LED are particularly temperature-sensitive, PNX4 round panel light's housing plays as the heat sink, LED mounted on the edge of the housing, that make the heat quickly spread out. A thermal foil between the housing and PCB provides extra cooling.

- **Stylish**

Slim and compact

LED+LGP technology results in slim luminaires-the housing is a mere 13mm.

Delicate process

The luminaires' body is engraved from the block of aluminum using CNC machine, so that the housing is precise and smooth.

Perfect finish

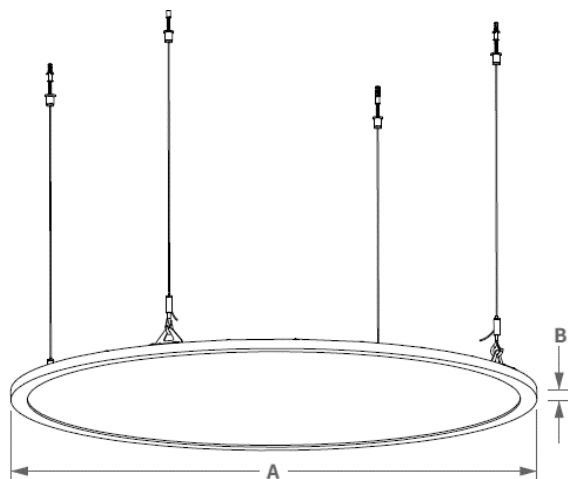
PNX4 round Panel lights are white, grey and deep grey textured paints and feature a flawless, high-quality finish into the minutest detail.

Specification

Model	PNX43 , PNX44 , PNX45 , PNX45 , PNX46 , PNX47 , PNX48 , PNX49 , PNX41 , PNX40	LED	Middle power , 2835
Power	14W(PNX43) , 24W(PNX44),36W (PNX44/5/6) , 48W (PNX45/6/7) , 60W (PNX47/8) , 72W (PNX48/9) ,90W (PNX49/1) 110W (PNX41/0) ,130W(PNX40)	Operating temperature range	-20 < Ta < 40°C
Input	AC100-240V/AC100-305V	Beam angle	110°
Material	Housing:6061 aluminum, Optic: PMMA LGP , Diffuser cover: PC ,	CCT	3000K , 4000K , 5000K
IP grade	IP20	CRI	Ra>90 or Ra>90
Color	White、 Black	PF	>0.93
Finish	Powder coating	Dimming mode	0-10V,Dali , DMX , 2.4G optional
Driver	Separate	L70	50000h@25°C
Installation	Suspending , Ceiling mounted, Recessed		

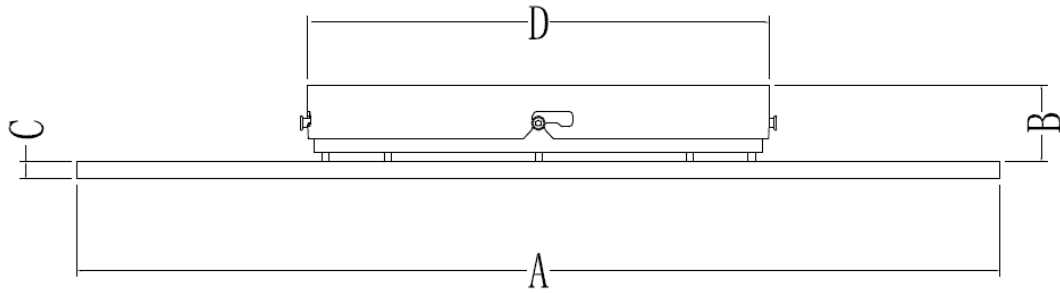
Dimensional drawing

Suspending



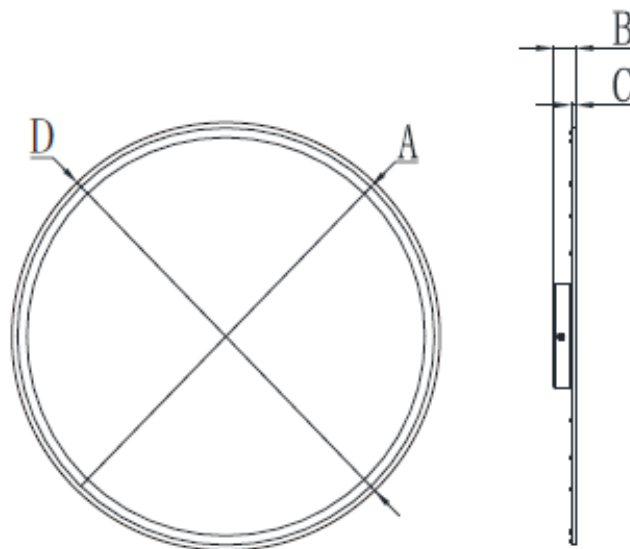
型号	A	B
PNX43	311mm	10mm
PNX44	408mm	10mm
PNX45	507mm	10mm
PNX46	604mm	10mm
PNX47	704mm	14.5mm
PNX48	800mm	14.5mm
PNX49	900mm	14.5mm
PNX41	1000mm	14.5mm
PNX40	1196mm	14.5mm

Ceiling mounted



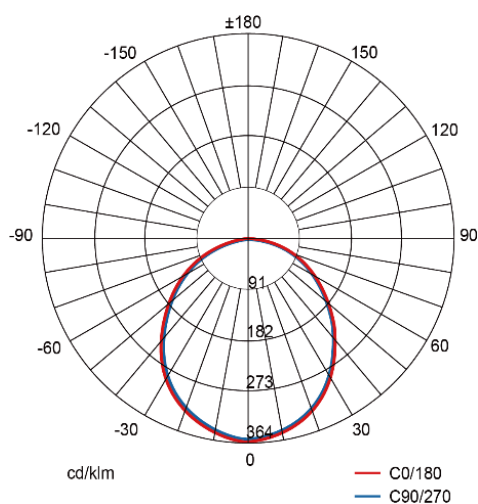
型号	A	B	C	D
PNX43	311mm	50mm	10mm	210mm
PNX44	408mm	50mm	10mm	210mm
PNX45	507mm	50mm	10mm	210mm
PNX46	604mm	50mm	10mm	210mm
PNX47	704mm	65mm	14.5mm	400mm
PNX48	800mm	65mm	14.5mm	400mm
PNX49	900mm	65mm	14.5mm	400mm
PNX41	1000mm	65mm	14.5mm	400mm
PNX40	1196mm	74mm	14.5mm	600mm

Recessed



型号	A	B	C	D
PNX43	311mm	40mm	10mm	330mm
PNX44	408mm	55mm	10mm	428mm
PNX45	507mm	55mm	10mm	527mm
PNX46	604mm	55mm	10mm	624mm
PNX47	704mm	60mm	14.5mm	724mm
PNX48	800mm	60mm	14.5mm	820mm
PNX49	900mm	65mm	14.5mm	920mm
PNX41	1000mm	65mm	14.5mm	1020mm
PNX40	1196mm	65mm	14.5mm	1220mm

Photometric data



General information

Model	Order code	Product name	Power	Lumen	CCT	CRI ¹	Install ²
PNX43014	114500039	PNX4 R300 LED Panel Light	14W	1120lm	5000K	Ra>80	Suspending
	114400039	PNX4 R300 LED Panel Light	14W	1120lm	4000K	Ra>80	Suspending
	114300039	PNX4 R300 LED Panel Light	14W	1050lm	3000K	Ra>80	Suspending
PNX44024	114500059	PNX4 R400 LED Panel Light	24W	1900lm	5000K	Ra>80	Suspending
	114400059	PNX4 R400 LED Panel Light	24W	1900lm	4000K	Ra>80	Suspending
	114300059	PNX4 R400 LED Panel Light	24W	1800lm	3000K	Ra>80	Suspending
PNX44036	114500060	PNX4 R400 LED Panel Light	36W	2800lm	5000K	Ra>80	Suspending
	114400060	PNX4 R400 LED Panel Light	36W	2800lm	4000K	Ra>80	Suspending
	114300060	PNX4 R400 LED Panel Light	36W	2700lm	3000K	Ra>80	Suspending
PNX45036	114500040	PNX4 R500 LED Panel Light	36W	3000lm	5000K	Ra>80	Suspending
	114400040	PNX4 R500 LED Panel Light	36W	3000lm	4000K	Ra>80	Suspending

	114300040	PNX4 R500 LED Panel Light	36W	2800lm	3000K	Ra>80	Suspending
PNX45048	114500041	PNX4 R500 LED Panel Light	48W	3800lm	5000K	Ra>80	Suspending
	114400041	PNX4 R500 LED Panel Light	48W	3800lm	4000K	Ra>80	Suspending
	114300041	PNX4 R500 LED Panel Light	48W	3600lm	3000K	Ra>80	Suspending
PNX46036	114500042	PNX4 R600 LED Panel Light	36W	3000lm	5000K	Ra>80	Suspending
	114400042	PNX4 R600 LED Panel Light	36W	3000lm	4000K	Ra>80	Suspending
	114300042	PNX4 R600 LED Panel Light	36W	2800lm	3000K	Ra>80	Suspending
PNX46048	114500043	PNX4 R600 LED Panel Light	48W	3800lm	5000K	Ra>80	Suspending
	114400043	PNX4 R600 LED Panel Light	48W	3800lm	4000K	Ra>80	Suspending
	114300043	PNX4 R600 LED Panel Light	48W	3600lm	3000K	Ra>80	Suspending
PNX47048	114500044	PNX4 R700 LED Panel Light	48W	4000lm	5000K	Ra>80	Suspending
	114400044	PNX4 R700 LED Panel Light	48W	4000lm	4000K	Ra>80	Suspending
	114300044	PNX4 R700 LED Panel Light	48W	3800lm	3000K	Ra>80	Suspending
PNX47060	114500045	PNX4 R700 LED Panel Light	60W	4800lm	5000K	Ra>80	Suspending
	114400045	PNX4 R700 LED Panel Light	60W	4800lm	4000K	Ra>80	Suspending
	114300045	PNX4 R700 LED Panel Light	60W	4500lm	3000K	Ra>80	Suspending
PNX48060	114500046	PNX4 R800 LED Panel Light	60W	5100lm	5000K	Ra>80	Suspending
	114400046	PNX4 R800 LED Panel Light	60W	5100lm	4000K	Ra>80	Suspending
	114300046	PNX4 R800 LED Panel Light	60W	4800lm	3000K	Ra>80	Suspending
PNX48072	114500047	PNX4 R800 LED Panel Light	72W	5700lm	5000K	Ra>80	Suspending
	114400047	PNX4 R800 LED Panel Light	72W	5700lm	4000K	Ra>80	Suspending
	114300047	PNX4 R800 LED Panel Light	72W	5400lm	3000K	Ra>80	Suspending
PNX49072	114500048	PNX4 R900 LED Panel Light	72W	6100lm	5000K	Ra>80	Suspending
	114400048	PNX4 R900 LED Panel Light	72W	6100lm	4000K	Ra>80	Suspending
	114300048	PNX4 R900 LED Panel Light	72W	5700lm	3000K	Ra>80	Suspending
PNX49090	114500049	PNX4 R900 LED Panel Light	90W	7200lm	5000K	Ra>80	Suspending
	114400049	PNX4 R900 LED Panel Light	90W	7200lm	4000K	Ra>80	Suspending
	114300049	PNX4 R900 LED Panel Light	90W	6700lm	3000K	Ra>80	Suspending
PNX41090	114500050	PNX4 R1000 LED Panel Light	90W	7600lm	5000K	Ra>80	Suspending
	114400050	PNX4 R1000 LED Panel Light	90W	7600lm	4000K	Ra>80	Suspending
	114300050	PNX4 R1000 LED Panel Light	90W	7200lm	3000K	Ra>80	Suspending
PNX41110	114500051	PNX4 R1000 LED Panel Light	110W	8800lm	5000K	Ra>80	Suspending
	114400051	PNX4 R1000 LED Panel Light	110W	8800lm	4000K	Ra>80	Suspending
	114300051	PNX4 R1000 LED Panel Light	110W	8200lm	3000K	Ra>80	Suspending
PNX40110	114500057	PNX4 R1200 LED Panel Light	110W	8800lm	5000K	Ra>80	Suspending
	114400057	PNX4 R1200 LED Panel Light	110W	8800lm	4000K	Ra>80	Suspending
	114300057	PNX4 R1200 LED Panel Light	110W	8200lm	3000K	Ra>80	Suspending
PNX40130	114500058	PNX4 R1200 LED Panel Light	130W	10400lm	5000K	Ra>80	Suspending
	114400058	PNX4 R1200 LED Panel Light	130W	10400lm	4000K	Ra>80	Suspending
	114300058	PNX4 R1200 LED Panel Light	130W	10400lm	3000K	Ra>80	Suspending

1 Due to space limitations , only Ra>80 product information listed here, if need Ra>90,please contact us

2 Due to space limitations , only suspending product information listed here, if need ceiling, please contact us

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