

# PNL60-HP

LED Panel

## High Power LED Panel

detail-oriented design + high end components to  
create an open room impression without the shadows



### Features

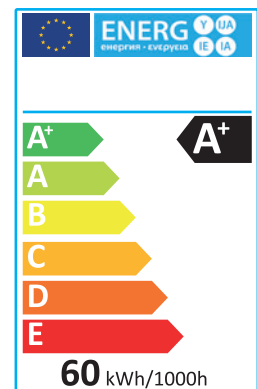
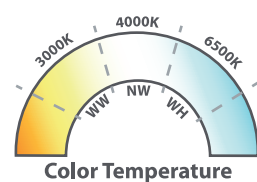
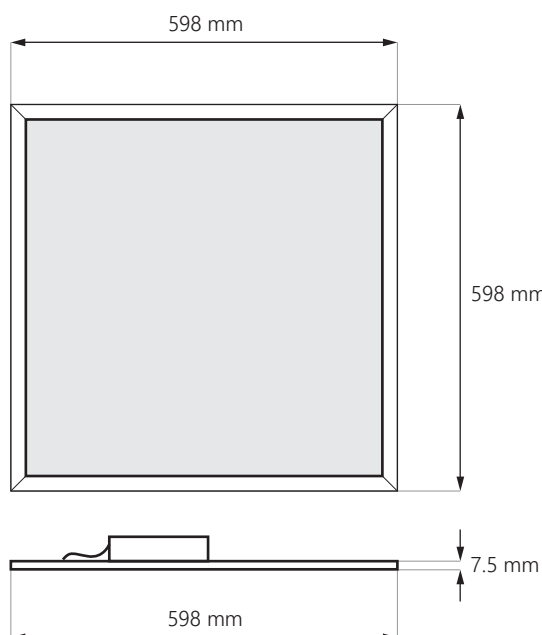
- top class Mitsubishi light guide plate
- high brightness Samsung LED diodes
- anodized aluminum frame
- easy maintenance and cleaning
- no glare

### Mounting

- recessed in exposed and symmetrical concealed T-bar ceiling, plaster board ceiling
- suspended

### Applications

- suitable both for new construction and retrofit applications
- general lighting, office, retail, healthcare, education



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### LED

- high efficiency surface mount Samsung LED diodes binned for uniform light output and color
- 70 000 hour LED lifespan based on LM80

### Lens MITSUBISHI RAYON

- edge lit high-transmission acrylic PMMA (poly methyl meth acrylate) lens with excellent distribution and uniformity

### Housing

- lightweight frame from anodized aluminum with great appearance and excellent thermal management

### Absolute Maximum Ratings

- storage temperature:  $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$
- working temperature:  $-20^{\circ}\text{C} \div +40^{\circ}\text{C}$

### Environment Friendly

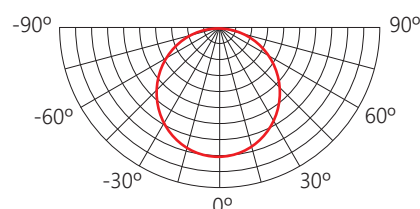
- RoHS compliant, no Mercury and UV free

### Key Data

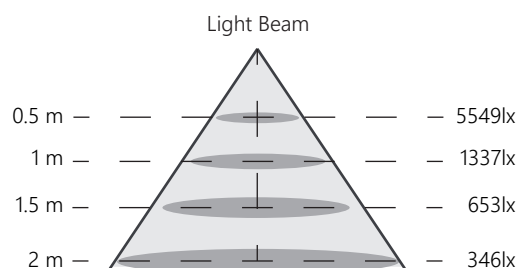
Power	Brightness	Beam Angle	CRI	IP Rating	Color Temperature	Power Supply
60W	4700lm	120°	$\geq 82^*$	IP20	WW ~3000K NW ~4000K WH ~6500K	100-240V AC, 50÷60Hz

\* Typical Color Rendering Index > 82. On special request CRI > 90 can be provided

### Candle Power Distribution



### Lux-Distance Curve



### Number of Switching Cycles

- 30 000

### Start Time

- 1 second

### Dimming

- standard panels are not dimmable
- dimming available as the option

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## Dimensions

- 598 x 598 x 7.5 mm (23.54 x 23.54 x 0.29 in)  
[Length x Width x Thickness without the power supply]
- other sizes available  
consult the sales representative for details
- 2640g (5.82lb) net weight

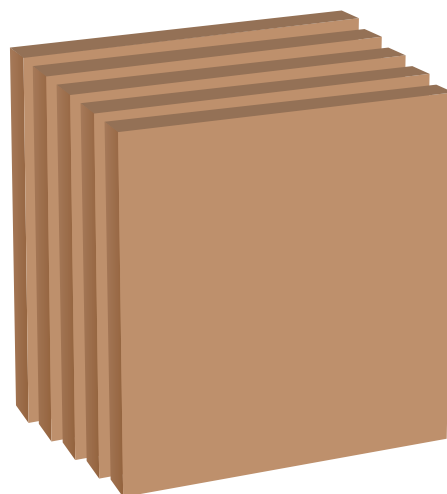
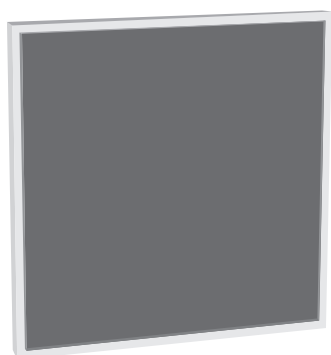
## Set Content

- LED panel
- power supply

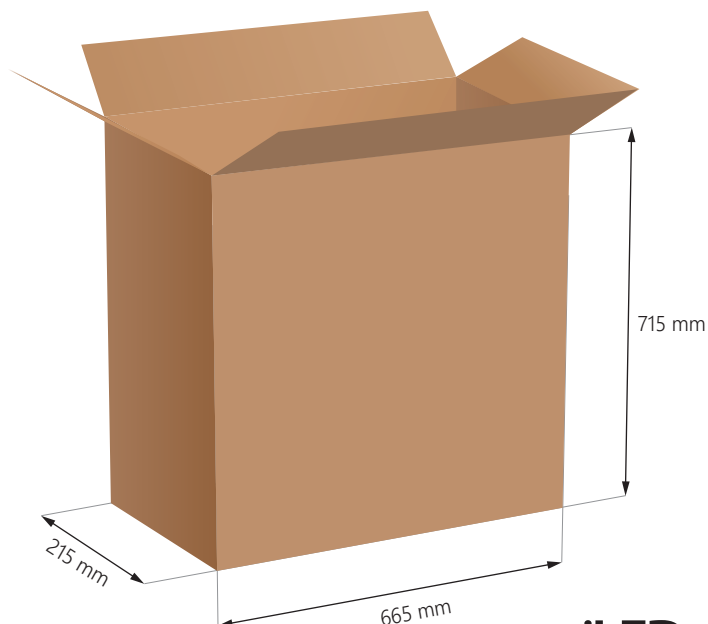
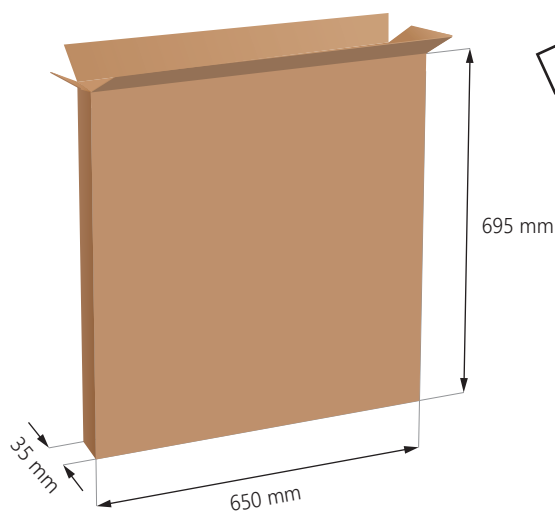
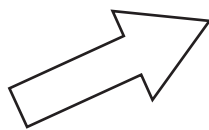
## Ordering Code

- PNL60HP-WW
- PNL60HP-NW
- PNL60HP-WH

## Packing Information



5 pcs

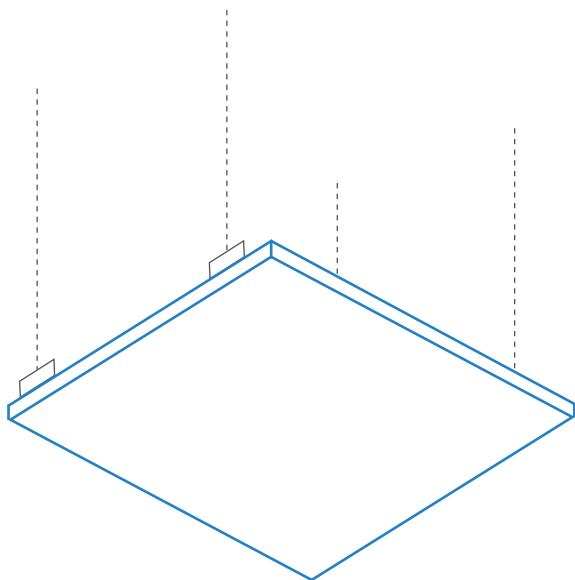


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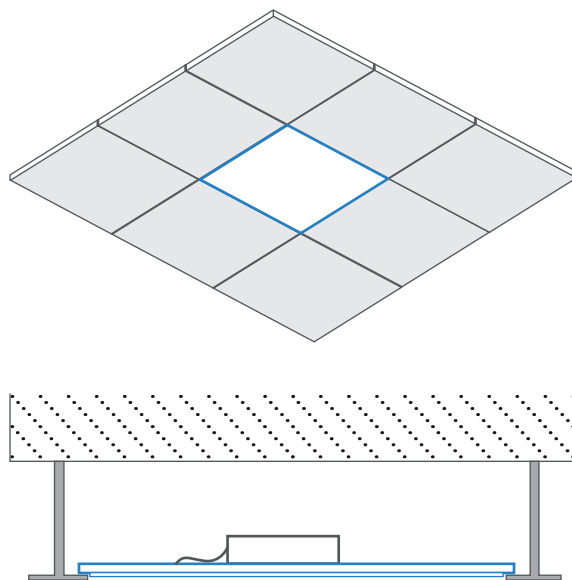
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## Suspended Mounting



## Recessed Mounting



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