# HIGH LUMEN PERFORMANCE + LED PANEL 600X600 3750-6800LM 21-42W 4000K TPa BACKLIT NON-DIMM 170LM/W 5YR WARRANTY

ILP6060B060

The Evo Variable LED Panel offers a highly energy-efficient solution for commercial and office spaces, combining versatility and performance. With an adjustable wattage range of 21W to 42W, this panel allows you to tailor the brightness to your specific needs, offering a luminous output range of 3750 to 6800 lumens. This variable wattage feature not only lets you control the level of light, but also optimises energy consumption, saving on electricity costs while maintaining the perfect brightness for any environment. Utilising backlit technology, this panel delivers excellent light distribution and uniformity. The 4000K neutral white colour temperature creates a crisp and comfortable atmosphere, ideal for productivity without causing strain on the eyes, whilst the TPa-rated diffuser ensures product safety and compliance with the most stringent standards. Whether you're illuminating conference rooms, hallways, or office spaces, the EVO Variable LED Panel offers a cost-effective and eco-friendly lighting solution for modern workspaces.

## Details

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|---|---|
| **Barcode:** | 5055788286394 |
| **Quick Order Code:** | 128863 |
| **Category:** | Panels |
| **Range Name:** | High Lumen Performance+ |
| **Product Type:** | 600 x 600 |
| **Product Body Finish:** | Matt white |
| **Market Segment:** | Commercial indoor |
| **Warranty (Years):** | 5 |

## Physical Data

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|---|---|
| **Product Length (mm):** | 595 |
| **Product Depth (mm):** | 32 |
| **Product Width (mm):** | 595 |
| **Product Weight (g):** | 1600 |
| **Optic:** | TP(a) rated PS diffuser |
| **Material:** | Aluminium, Steel, PS Diffuser |
| **Construction:** | Aluminimum backplate and frame |
| **Cut Out Length (mm):** | 580 |
| **Cut Out Width (mm):** | 580 |
| **Luminaire Fixing:** | Recessed in ceiling grid |
| **Placement / Application:** | Indoor, General Lighting |

## Electrical Data

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|---|---|
| **Power Consumption (W) :** | 21 to 42 |
| **Power Factor:** | 0.9 |
| **Voltage Range (v):** | 220-240 |
| **Dimming:** | Non-Dimmable |
| **Driver Included:** | Yes |
| **Electric Current:** | AC |
| **EN:** | EN-60598 |
| **LVD Certified:** | Yes |

## Light Data

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|---|---|
| **Luminous Flux in Lumens (lm):** | 3750-6800 |
| **Luminous efficacy (lm/W):** | 170 |
| **Correlated Colour Temperature (CCT) (K):** | 4000 |
| **Colour Temperature:** | 4000K - Cool White |
| **Colour Temperature Name:** | Cool White |
| **Beam Angle:** | 120 |
| **Colour Rendering Index (CRI):** | 80 |
| **Frequency Range (Hz):** | 50/60 |
| **Instant on (Less than 1 second):** | Yes |
| **LED Type:** | Surface mounted device (SMD) |
| **Lifetime (hours):** | 50000 |
| **Lighting Method:** | Back-lit |
| **Switching Cycles:** | 25000 |

## Environment

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|---|---|
| **EN:** | EN-60598 |
| **LVD Certified:** | Yes |
| **CE RoHS:** | Yes |
| **Hg 0% (Mercury Free):** | Yes |
| **IP Rating (Back/Recessed side):** | IP20 |
| **IP Rating (Ingress Protection):** | IP20 |
| **Lowest Operating Temperature (°C):** | -20 |
| **Maximum Operating Temperature (°C):** | 45 |
| **TP rating:** | TP(a) |

## Packaging

| | |
|---|---|
| **Barcode:** | 5055788286394 |
| **Package Weight (g):** | 1900 |
| **Package Length (mm):** | 645 |
| **Package Width (mm):** | 605 |
| **Package Depth (mm):** | 35 |