

# Optibay - HPK 225

**Industrial  
Application**

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# Product description

High performance High-Bay and Medium-Bay luminaire available in both closed and open versions suitable for used with high pressure Sodium Vapour lamps (150-400W), high pressure Mercury Vapour and Metal Halide lamps (250-400W) with a choice of reflectors to meet specific beam requirements. The luminaire is compact in size with universal mounting system and integral control gear. The luminaire consists of pressure die-cast aluminium housing, aluminium anodised reflector and a toughened glass cover providing IP 65 protection for the gear compartment and IP 54 for the lamp compartment. Option of prismatic reflector for indoor applications.

High quality material and optical performance make it an ideal solution for a wide range of applications. Optibay is designed for industrial usage but with its prismatic versions it is suitable for large non-industrial spaces with high ceilings.

Optibay is a modern functionally designed luminaire providing high optical performance making it ideal for a wide range of application.



HPK 225 With Glass



HPK 225 Without Glass

### Features

- Compact high pressure die-cast aluminium housing powder coated in black accommodating the lamp holder and Gear Tray assembly.
- Specially designed housing to ensure IP 65 ingress protection.
- Access to the Gear Tray is from the side without the use of any tools, making it trouble free to connect to mains. The hinged Gear Tray accommodates the Ballast, Capacitor and the Ignitor all pre-wired up to terminal block.
- Aluminium reflector is electrochemically brightened and anodized for better optics and longer life, giving a very good distribution. Separate reflectors are available for narrow beam and wide beam reflector.
- For dusty environment it is provided with heat resistant toughened glass with EPR gasket.

### Applications

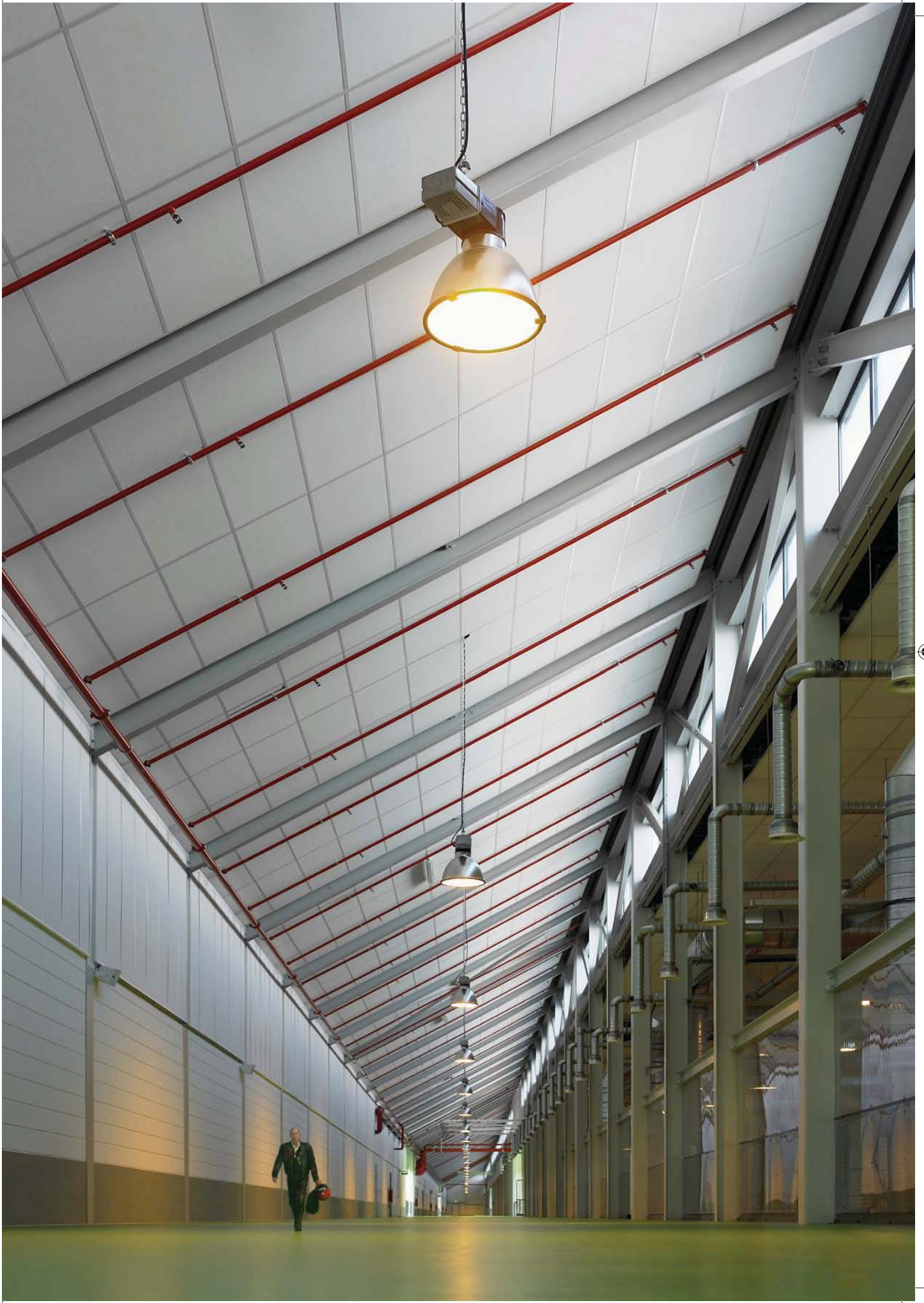
- Heavy engineering industries
- Power plants
- Automobile industries
- Steel plants
- Aircraft hangers
- Large areas with high ceilings

### Mounting Type

Surface suspended

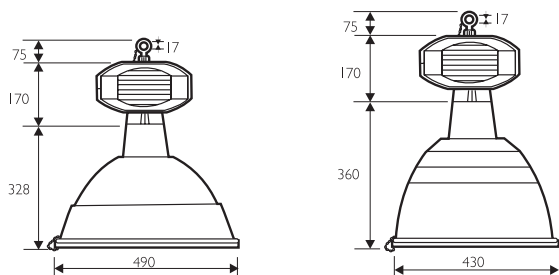
### Installation

Mounting can be done by standard eyebolt with 15mm inside diameter.



**Technical data**

Type	For lamp	Nominal voltage (V)	Main current (A)	Nominal power factor
HPK225 1xSON150W E	SON 150W E	240	0.85	≥ 0.85
HPK225 1xSON250W E	SON 250W E	240	1.40	≥ 0.85
HPK225 1xSON400W E	SON 400W E	240	2.25	≥ 0.85
HPK225 1xHPL-N250W E	HPL-N250W	240	1.35	≥ 0.85
HPK225 1xHPL-N400W E	HPL-N400W	240	2.15	≥ 0.85
HPK225 1xHPI-P250W-BU E	HPI-BU plus 250W	240	1.35	≥ 0.85
HPK225 1xHPI-P400W-BU E	HPI-BU plus 400W	240	2.15	≥ 0.85



Technical Drawing

## Ordering data

Type	Ordering data	Quantity per box	Dimensions (mm)	Net weight (kg)	Gross weight (kg)	Volume (m3)
HPK225 1xSON150W E	919015255261	1	280 × 250 × 330	1.92	2.40	0.023
HPK225 1xSON250W E	919015255231	1	280 × 250 × 330	1.92	2.40	0.023
HPK225 1xSON400W E	919015255242	1	280 × 250 × 330	1.92	2.40	0.023
HPK225 1xHPL-N250W E	919015255233	1	280 × 250 × 330	1.92	2.40	0.023
HPK225 1xHPL-N400W E	919015255243	1	280 × 250 × 330	1.92	2.40	0.023
HPK225 1xHPI-P250W-BU E	919015255232	1	280 × 250 × 330	1.92	2.40	0.023
HPK225 1xHPI-P400W-BU E	919015255241	1	280 × 250 × 330	1.92	2.40	0.023
GPK225 R-NB	919015955201	6	570 × 500 × 410	0.8	6.00	0.116
GPK225 R-WB	919015955202	6	510 × 440 × 450	0.8	6.00	0.100
		6	513 × 502 × 247		20.00	0.063
		6	445 × 440 × 247		17.50	0.048

Note : Ballast of suitable rating shall be packed separately (packing data on request).