

# hibay

IP22 industrial high bay luminaire

> weblink > **HIB**

## Optics

- Lamp options:
  - 250/400W HQI-E
- High purity spun anodised aluminium reflector

## Body

- Designed for 6-12m mounting heights
- Rigid pre-coated high gloss polyester silver steel gear housing with easy gear access via detachable panel
- Timed ignitor
- Ambient operating temperature range -20°C to +25°C
- Auxiliary lamp versions available, using 250W Tungsten Halogen Lamp



## ORDER CODES

| Hibay      | Gear Unit     | Auxiliary Version | Reflector   |
|------------|---------------|-------------------|-------------|
| HQI-E 250W | <b>BA250H</b> | <b>BA250HX</b>    | <b>HBSR</b> |
| HQI-E 400W | <b>BA400H</b> | <b>BA400HX</b>    | <b>HBSR</b> |

## Options

Toughened clear glass visor complete with fixing kit for use with open fixture HQI lamps

**BAGL**

Protective wire guard complete with fixing kit

**BAWG**

Clear polycarbonate dished diffuser for 250W options with fixing kit

**BAPD1**

Clear polycarbonate dished diffuser for 400W options with fixing kit

**BAPD4**

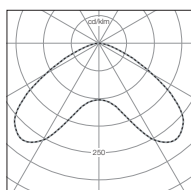
Note: Polycarbonate diffuser life can be extended by installing in conjunction with toughened glass to reduce the degrading effects of lamp emissions.

## LAMP PERFORMANCE

| Wattage     | IL@25°C | Lamp Life |
|-------------|---------|-----------|
| 250W HQI-E* | 23800   | 20,000hrs |
| 400W HQI-E* | 40000   | 20,000hrs |

\*If an open fixture lamp is not selected, glass visor BAGL should be fitted to ensure safety in the event of non-quiescent lamp failure

## PHOTOMETRIC PERFORMANCE



250W HQI-E

- LOR = 85.5%
- SHR MAX = 1.03

## Utilisation Factors UF(F)

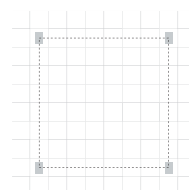
| Room Reflectance |      |      | Room Index |      |      |
|------------------|------|------|------------|------|------|
| C                | W    | F    | 1.00       | 3.00 | 5.00 |
| 0.70             | 0.50 | 0.20 | 0.54       | 0.82 | 0.89 |



Hibay with wire guard

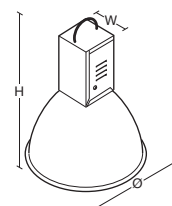
## PERFORMANCE GUIDE

| Lamps        | Illuminance | Spacing     |
|--------------|-------------|-------------|
| 1 x 250W HQI | 320 lux     | 7.0m x 7.0m |



Maintenance: 0.8  
 Reflectance: 70/50/20  
 Ceiling Height: 10m  
 Working Plane: 0.0m

## DIMENSIONS



| Version    | Ø   | W   | H   | KG  |
|------------|-----|-----|-----|-----|
| 250W HQI-E | 485 | 195 | 520 | 7.8 |
| 400W HQI-E | 485 | 195 | 520 | 9.5 |

## TO SPECIFY

IP22 250W and 400W HQI-E High bay luminaire with pre-coated high gloss polyester silver steel gear housing and timed ignitor with detachable panel for ease of maintenance. High brightness anodised spun aluminium reflector – as Whitecroft Lighting HIBAY