

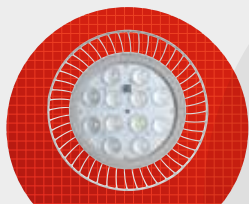
# THORN

**Direct replacement  
for HID**

**>50%  
Energy saving**

## **HiPak**

LED High Bay Luminaire



**Fast. Simple. Affordable.**

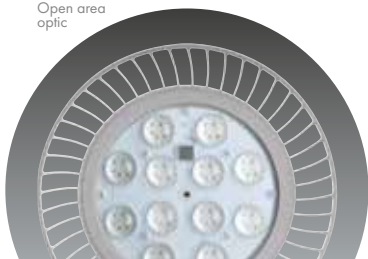
## Performance

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- 15 000, 20 000 and 25 000 LED lumen packages for direct replacement of HID high bays
- 150W - 250W total load with up to 50% energy saving compared to traditional high bays
- Highly efficient operation with 105Llm/W
- Precise lens technology provides light exactly where it is needed, reducing waste light and maximising energy savings
- Cooling fin housing design allows air to flow through the luminaire and prevents overheating of components
- A choice of rack or wide beam optics to fit different application requirements
- DALI options available to further increase energy savings
- 50 000 hours rated life, equivalent to 12 years, 5 days per week at 16 hours per day operation



Rack optic



Open area optic

# Direct replacement of HID high bays in open areas and racking aisles

## Construction

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- Single point suspension for direct replacement
- Die cast aluminium housing
- Silicon free
- IK08 housing for robust operation
- IP65 protection

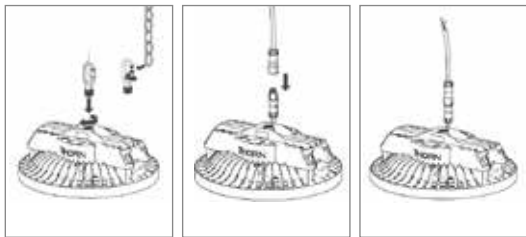




## Installation

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- Supplied pre-wired with a quick connector, for easy plug and play connection
- Hook supplied as standard with each luminaire
- Wire, wall/ceiling and pendant mounting possible with additional accessories (each to be ordered separately)



## Standards

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IK08

IP65

T<sub>a</sub>-30  
+50



## Energy and Cost Savings

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### Based on:

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Warehouse facility, complete building,  
point for point suspension.

Luminaires – 110 x 25 000lm LED vs.  
110 x 400W HIT.

Usage – 16hrs/day, 5 days per week,  
4 171hrs/year.

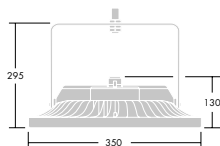
Energy price - £0,15/KWh.

## Ordering Guide

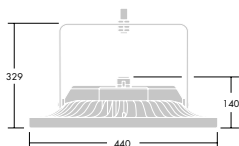
Description	Wt (kg)	SAP Code	Cat. No.
<b>HiPak - wide distribution</b>			
HIPAK LED15000-840 HF WD	5.60	96642741	HK15000ZWD
HIPAK LED20000-840 HF WD	7.30	96642749	HK20000ZWD
HIPAK LED25000-840 HF WD	7.30	96642757	HK25000ZWD
HIPAK LED15000-840 HFIX WD	5.60	96642742	HK15000XWD
HIPAK LED20000-840 HFIX WD	7.30	96642750	HK20000XWD
HIPAK LED25000-840 HFIX WD	7.30	96642758	HK25000XWD
<b>HiPak - rack distribution</b>			
HIPAK LED15000-840 HF RK	5.60	96642745	HK15000ZRK
HIPAK LED20000-840 HF RK	7.30	96642753	HK20000ZRK
HIPAK LED25000-840 HF RK	7.30	96642761	HK25000ZRK
HIPAK LED15000-840 HFIX RK	5.60	96642746	HK15000XRK
HIPAK LED20000-840 HFIX RK	7.30	96642754	HK20000XRK
HIPAK LED25000-840 HFIX RK	7.30	96642762	HK25000XRK
<b>HiPak Accessories</b>			
HIPAK STIRRUP MCE/MWA	6.00	96642765	HKBRA
HIPAK ROD SUSPENSION	0.5	96642766	HKRS

HF High frequency  
HFIX DALI

## Product Dimensions



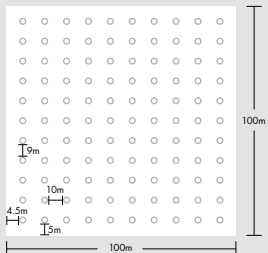
15 000lm



20 000 - 25 000lm

## Sample Layout

### HiPak - 100m x 100m - 110 luminaires



<b>Room height</b>	9m
<b>Work plane</b>	0.2m
<b>Maintenance factor</b>	0.7
<b>Reflectances</b>	Ceiling: 50%
	Wall: 30%
	Floor: 20%
<b>SAP Code</b>	96642757
<b>Lamp</b>	LED
<b>Lumens</b>	25,000lm
<b>Lux</b>	200 lux

## CONTACT DETAILS

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website: **www.thornlighting.co.uk/HIPK**  
**www.thornlighting.ie/HIPK**



### 5 Year Warranty

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries. [www.thornlighting.com/warranty](http://www.thornlighting.com/warranty)

**Publication Date: 10/15**

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