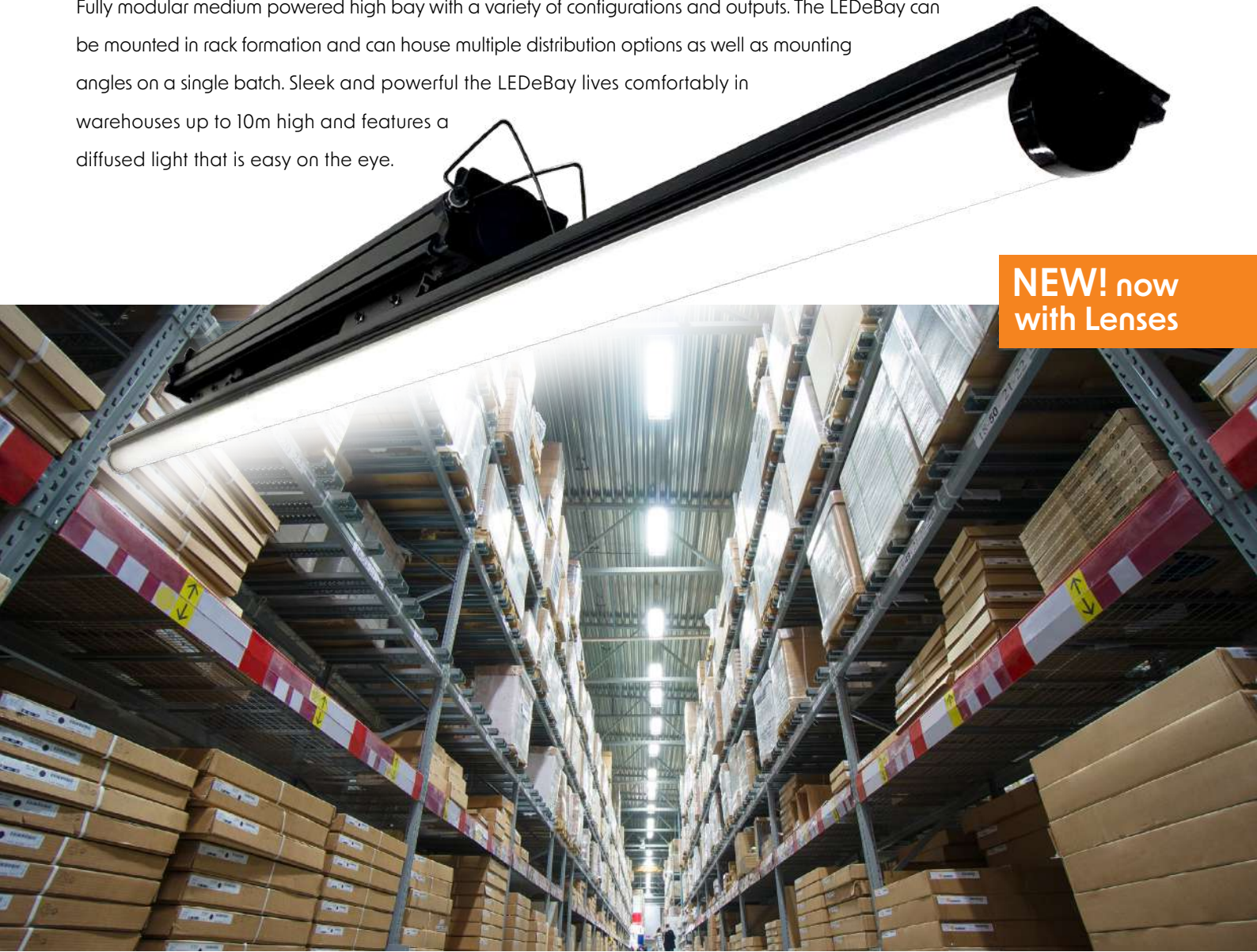


# LEDeBay

## High output. Low maintenance. No nonsense.

Fully modular medium powered high bay with a variety of configurations and outputs. The LEDeBay can be mounted in rack formation and can house multiple distribution options as well as mounting angles on a single batch. Sleek and powerful the LEDeBay lives comfortably in warehouses up to 10m high and features a diffused light that is easy on the eye.

**NEW!** now  
with Lenses



Lights on.  
Work done.



**kV Protection:**  
1/2kV surge  
protection. 4/10kV  
available.

**IP  
40**

Indoor



SABS  
Approved

**energywise**

Better light  
through research.

Industrial

IP  
40



# High low its off to work we go.

With nearly a decade of lighting design behind us we have undertaken some truly unique projects which in turn have resulted in some magnificent luminaires. Our LEDeBay is one such fitting. This luminaire is what would happen if a highbay and slim profile linear fitting had a child. Sleek and powerful the LEDeBay lives comfortably in warehouses up to 10m high and features a diffused light that is easy on the eye.

For fast installation and low maintenance you really can't do better.. This beautiful piece of tech is designed to look simple and perform to the highest standard.

1,2,3,4,5 lights? How about doubling that running side by side or in long lengths! With the LEDeBay's ingenious grip module you can set up your lights in a variety of ways for maximum output in whatever space you have available.

\*25°C is for Textbooks, Not Africa's Sun:  
All EW Lights are designed for the 35°C Reality.

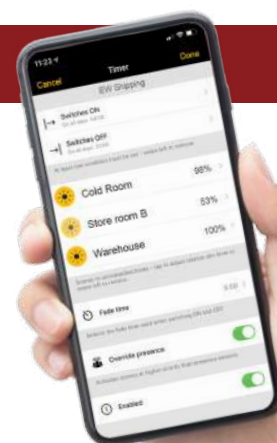
## KEY FEATURES

### 3 SIZE OPTIONS

- LEDeBay 104 1200mm
- LEDeBay 106 1700mm
- LEDeBay 108 2250mm

### TEMPERATURE

- Ambient room temperature up to +35°C.



**Optional:**  
Bluetooth, Wifi,  
Dali & Bi Level.  
Casambi App  
featured above.



# Specifications

Spec'd for **every** situation.



**kV Protection:**  
1/2kV surge  
protection. 4/10kV  
available



**5000K standard**  
3000K, 4000K,  
6500K available  
CR>80 R9>13

**IP  
40**

Indoor/Outdoor



**Now with  
Lenses**  
30°, 60°, 90°



Diffuser



Plug & Play

**LEDeBay**

**104**

**106**

**108**

Raw Lumen:  
Effective Lumen:

7872 lm  
5641 lm

11808 lm  
8462 lm

13472 lm  
9969 lm

**240V:**  
Raw Efficacy:  
Effective Efficacy:

**46W**  
168 lm/w  
121 lm/w

**69W**  
168 lm/w  
121 lm/w

**79W**  
163 lm/w  
121 lm/w

**Max Ta:**  
L&B:

**35°C**  
L80/90 B10  
70 000 Hrs

**35°C**  
L80/90 B10  
70 000 Hrs

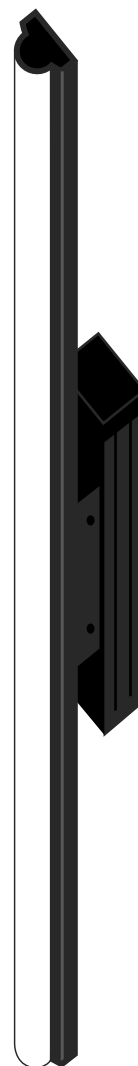
**35°C**  
L80/90 B10  
70 000 Hrs

Fitting Length:

**1200mm**

**1700mm**

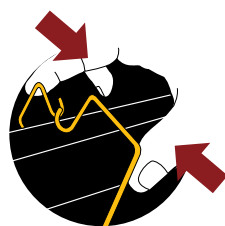
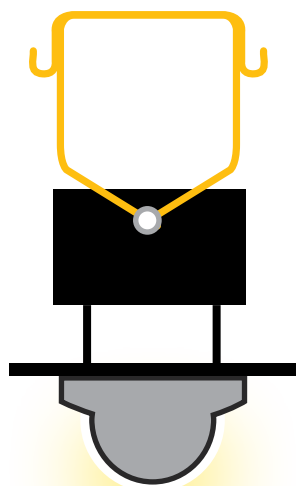
**2250mm**



## Installation

Easy to install, **saving** you time & money

The LEDeBay has two simple methods of installations as pictured below.



P2000 Claw

### P2000 Claw Mount

For quick and simple attachment of  
the LED eBay to P2000 trunking. **On  
request**

## Modularity, one fitting, many pairing options.

The LEDeBay can be configured with up to 3 lights to fit the requirements of any space.

### Our other modular fittings.



## LEDDeBay 103



**Bay XP**  
Factories, Warehouses,  
Supply rooms etc.

**Standard**  
Height: 20m  
IP: 40  
Temp: 30°C



**Bay XL**  
Factories, Warehouses,  
Supply rooms etc.

**Standard**  
Height: 20m  
IP: 40  
Temp: 30°C



**1 x 104** 5641 lm

**1 x 106** 8462 lm

**1 x 108** 9969 lm



**2 x 104** 11 282 lm

**2 x 106** 16 924 lm

**2 x 108** 19 938 lm



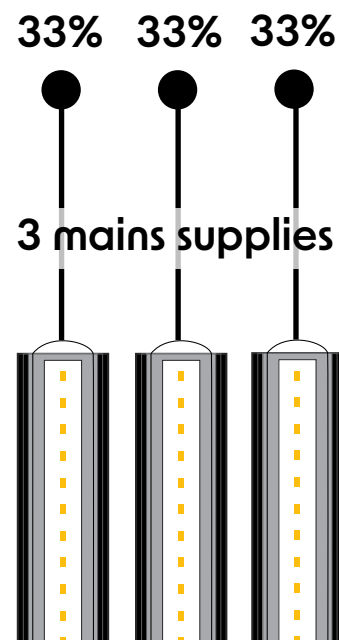
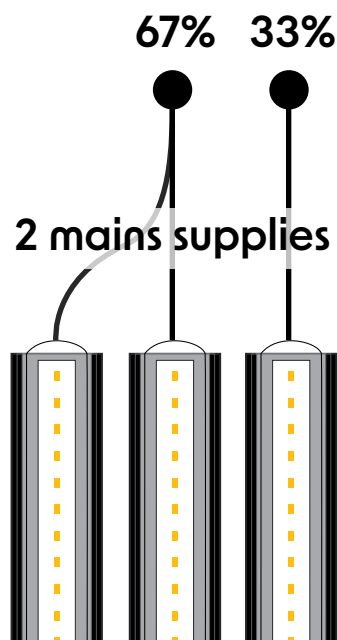
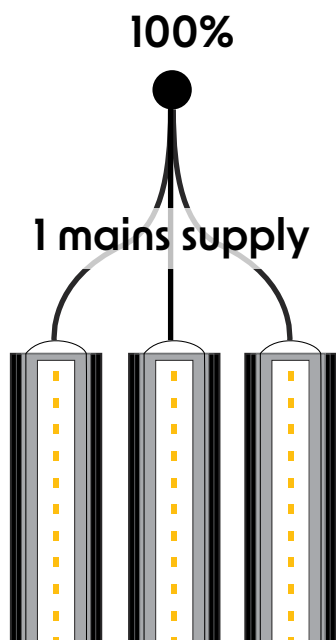
**3 x 104** 16 923 lm

**3 x 106** 25 386 lm

**3 x 108** 29 907 lm

## Suggested wiring options.

The LEDeBay can be configured using a step switch system to manage your lights and power.

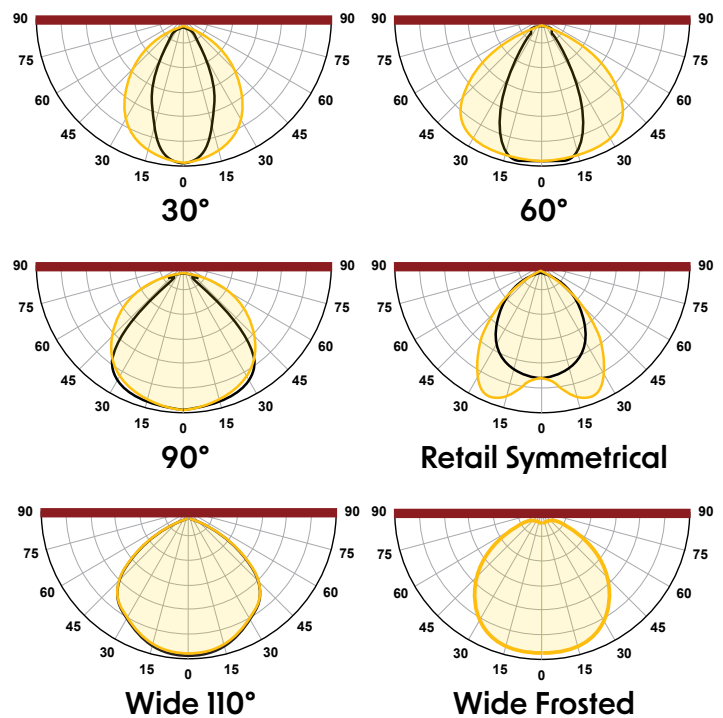


# Distribution Options

The light you need, where you want it.

**Diffusers provide** a low glare solution to your lighting needs without compromising on light quality.

These indoor highbay luminaires project a wide spread of light and are ideal for lighting up small warehouses, supply rooms, sheds etc



## A Closer Look Engineered to the highest standards.

### Diffuser

PMMA diffuser offers great protection and efficient distribution of light.

### LEDs













Source from the best component manufactures in Europe to ensure maximum lifespan, quality and light spectrums.

### Lenses

Polycarbonate lens offer great IK08 impact protection and efficient distribution control. New lens options for the LEDeBay are 30°, 60° & 90°






# Features

Standard across the LEDeBay range.

-  Indoor.
-  Lenses 30°, 60°, 90°
-  Acrylic diffuser.
-  Serviceable: All units are serviceable and all parts replaceable.
-  5600K Standard, 3000K, 4000K, 6500K on request.
-  Colour rendition index 80+
-  World class LED Life rating
-  Earth connection and CLASS I insulation fixture.
-  Voltage surge protection 4kV.
-  Suspended by chain or steel cable. (not included)
-  Plug & Play.
-  Recyclable.

# Extras

Optional extras.

-  Casambi bluetooth technology.  

-  All units can be fitted with Dali or bi-level driver.
-  Replaceable surge protection. Up to 10kV.
-  IES files available.

*Effective lumen output after warmup:*

*We follow the same practice as other professional manufacturers in providing Effective Performance Data (Lumens, Watts and L&B) that are inclusive of driver and LED thermal losses during the warm-up period. This can only be achieved by performing the Energy and Photometric Measurement after the LED, within the fitting, is left ON, until a stable and constant Lumen output is reached, ie. reaching a thermally stable condition within the LED assembly at a Ta of 25°C. Unfortunately it's not uncommon to find suppliers using incomplete data suggesting Efficacy Lumen value to be 10 to 20% higher than the True Effective value. This misrepresentation is achieved by using Raw LED photometric data that does not include any of the driver losses (generally 2-5 %) and any thermal adjustment losses (this can take 20-240 min & account for 7-15%) In some extreme cases Effective Lumen is completely misquoted and only the Raw value is mentioned with much higher values. In both these cases True Effective Lumen is misrepresented and unlawful.*

*Disclaimer:*

*Although every effort is made to ensure that at the time of publication, the technical details here within, are accurate, true and in line with the latest production specifications, we do reserve the right to change or upgrade any of the details without prior notice, agreement or warning, for any of our products or components.*

*Our products and their performance are in constant evolution through:*  
 - technology upgrades to improve energy efficiency and performance, increased safety and cost effectiveness  
 - to comply or conform to suppliers updates or according to new safety standards.

*The true nature of any upgrade is always to provide a better product, therefore, there will be no recourse for any complaints or claims of any nature regarding changes to specs.*

*We are ISO 9001-2015 compliant and our assembly line follows IEC 60958 guidelines – our products are covered by a Product Liability Policy.*

*Our LED products are covered by a 3 year, extendable to 5 year warranty\* \*T&C's apply, please check with Head Office for further details.*

Designed and  
Manufactured by **energywise**<sup>®</sup>

**Better Light  
Through Research.**

sales@energywise.co.za | www.energywise.co.za | T: +27 31 764 2345  
 Physical address: Unit 5 Edstan Business Park, 2 Ibhubesi Road,  
 Riverhorse Valley, Durban, South Africa, 4017  
 Postal address: PO Box 1166, Kloof, South Africa, 3640



**5 year warranty:**  
Please visit  
[www.energywise.co.za](http://www.energywise.co.za)

# Energywise lighting options

Energywise specialises in LED luminaries for industrial, EX, commercial and horticultural applications.

## INDUSTRIAL

### Lights on



**Bay XP**  
Factories, Warehouses,  
Cold rooms etc.

**Standard**  
Height: 6-25m  
IP: 65  
Temp: 40°C



**Bay XL**  
Factories, Warehouses,  
Supply rooms etc.

**Standard**  
Height: 3-20m  
IP: 40  
Temp: 30°C



**Bay XE**  
Factories, Warehouses,  
Supply rooms etc.

**Standard**  
Height: 6-25m  
IP: 20  
Temp: 30°C



**DUSTPROOF**  
Warehouses, Car parks,  
Corridors.

**Standard**  
Height: 2.5-8m  
IP: 66  
Temp: 35°C



**Torch Bulkhead**  
Heavy industrial areas.

**Standard**  
Height: 2-10m  
IP: 65  
Temp: 30°C



**HIGHbay XF**  
Light industrial econo  
low bay.

**Standard**  
Height: 2-10m  
IP: 20  
Temp: 30°C



**LOWbay XF**  
Light industrial econo  
low bay, Task lighting.

**Standard**  
Height: 2-10m  
IP: 20  
Temp: 30°C



**Plate XP**  
Swiss army knife  
of lighting.

**Standard**  
Height: 0.35m  
IP: 65  
Temp: 35°C



**TOBLO bay**  
Factories, Warehouses,  
Supply rooms etc.

**Standard**  
Height: 6-25m  
IP: 20  
Temp: 40/30°C

## RETROFIT



**Retrofit 44**  
Converting old HID  
tech to LED

**Standard**  
Height: 8m  
IP: 00  
Temp: 30°C



**Retrofit 22**  
Converting old HID  
bulkhead to LED

**Standard**  
Height: 10m  
IP: 00  
Temp: 35°C



**Bricklight**  
Recessed wall light

**Standard**  
Height: 2m  
IP: 00  
Temp: 30°C

## RETAIL & COMMERCIAL



**LEDrail 1000**  
Shops, Production  
facilities, parking

**Standard**  
Height: 2.5-10m  
IP: 40  
Temp: 30°C



**LEDrail 2000**  
Shops, Sheds,  
Underground parking

**Standard**  
Height: 2.5-10m  
IP: 40  
Temp: 30°C



**LEDrail 4000**  
Retail, board rooms,  
department stores.

**Standard**  
Height: 2.5-6m  
IP: 40  
Temp: 35°C



**LEDrail 8000**  
Retail, board rooms,  
department stores.

**Standard**  
Height: 2.5-6m  
IP: 40  
Temp: 35°C



**LEDrail 4-100**  
All retail outlets,  
showrooms, offices etc

**Standard**  
Height: 2.5-10m  
IP: 40  
Temp: 35°C



**LEDRAIL 4LCO**  
Shops, Production  
facilities, showrooms.

**Standard**  
Height: 2.5-10m  
IP: 40  
Temp: 35°C



**DLBR-LED**  
Glare free  
precision lighting

**Standard**  
Height: 2.5-10m  
IP: 40  
Temp: 35°C

## EX



**EX Bay XP**  
Factories, Warehouses,  
Mills, Marine etc.

**Standard**  
Height: 6-25m  
IP: 65  
Temp: 40°C  
Zone: 21/22



**EX Flood**  
Factories, Warehouses,  
Mills, Marine etc.

**Standard**  
Height: 3-10m  
IP: 65  
Temp: 40°C  
Zone: 21/22



**EX DUSTPROOF  
PREMIUM**  
Warehouses,  
Car parks, Mills.

**Standard**  
Height: 2.5-8m  
IP: 65  
Temp: 40°C  
Zone: 21/22



**EX DUSTPROOF**  
Warehouses, Car parks,  
Corridors, Mills.

**Standard**  
Height: 2.5-8m  
IP: 65  
Temp: 40°C  
Zone: 21/22



**EX Pod**  
Factories, Mines,  
Marine etc.

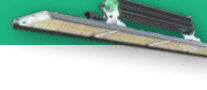
**Standard**  
Height: 2-5m  
IP: 68  
Temp: 40°C  
Zone: 21/22



**EX Torch**  
Heavy industrial areas.

**Standard**  
Height: 2-10m  
IP: 65  
Temp: 40°C  
Zone: 21/22

## EARTH



**EARTHbay**  
Horticulture, Open  
areas etc

**Standard**  
IP: 65  
Temp: 35°C



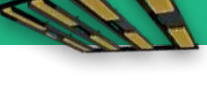
**EARTHplate**  
Horticulture, Rack/  
Under shelf etc

**Standard**  
IP: 65  
Temp: 35°C



**EARTHpod**  
Horticulture,  
Propagation, Racks etc.

**Standard**  
IP: 65  
Temp: 35°C



**EARTHaxis**  
Grow tent  
horticulture

**Standard**  
IP: 65  
Temp: 35°C

Job done

energywise

Better light  
through research.