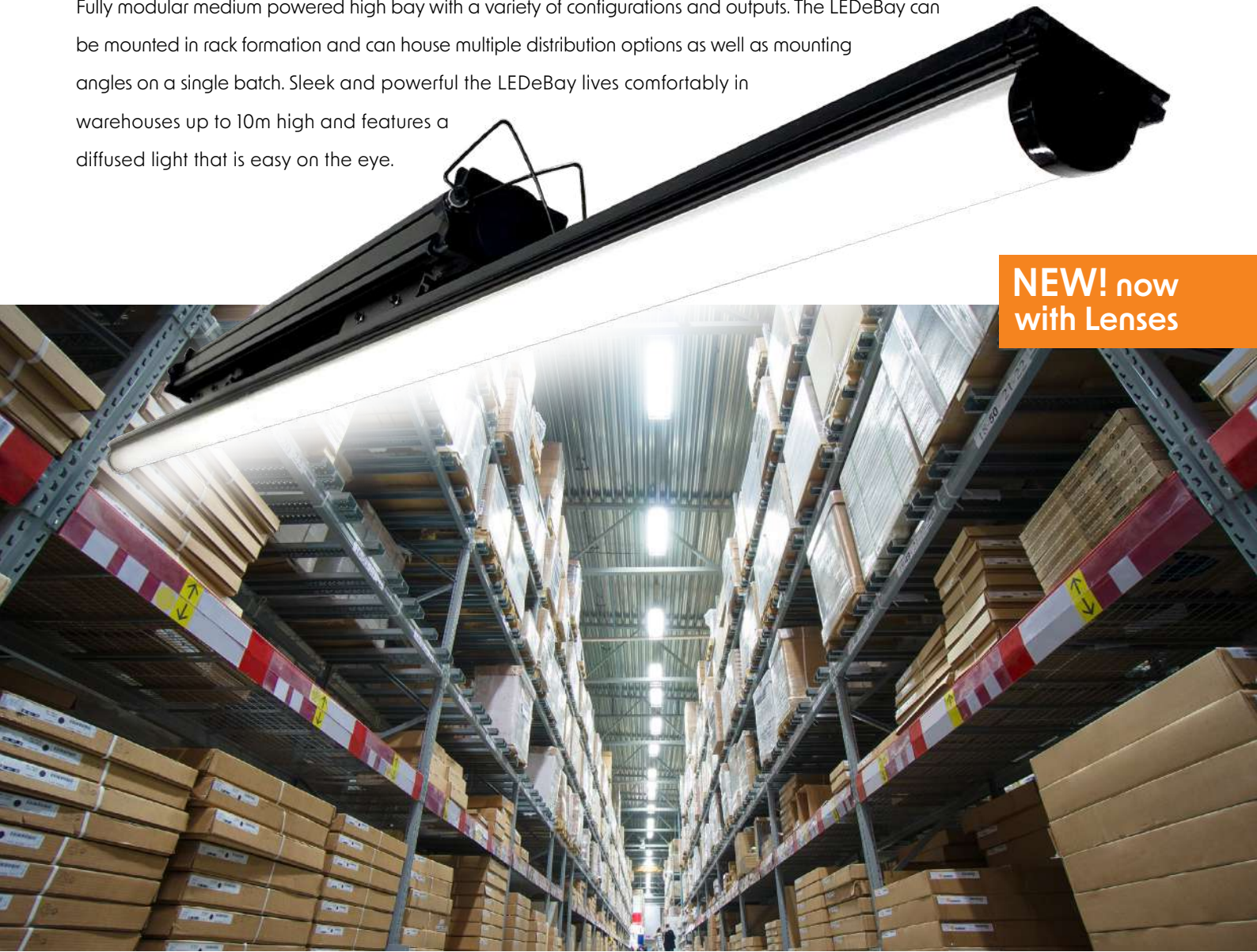


LEDeBay

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.



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.

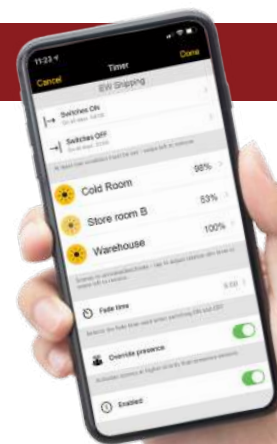
KEY FEATURES

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>I3

**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

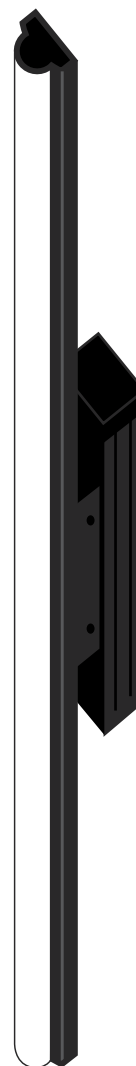
35°C
L80/90 B10
70 000 Hrs

Fitting Length:

1200mm

1700mm

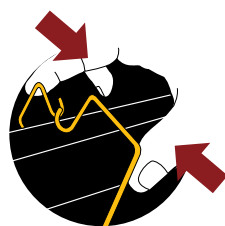
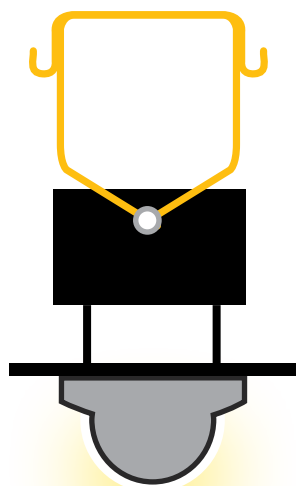
2250mm



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



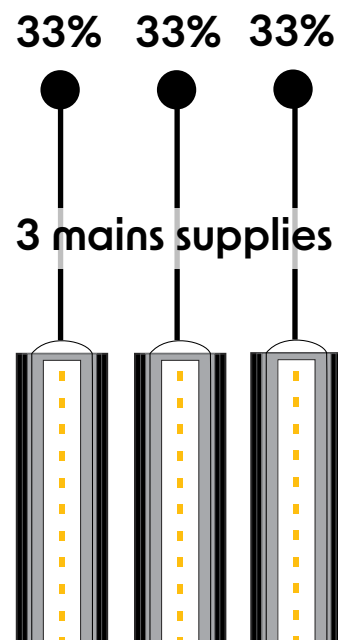
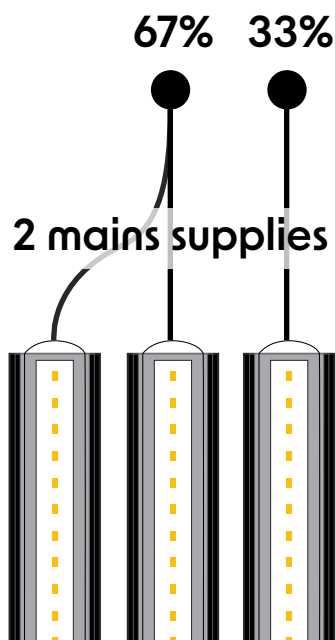
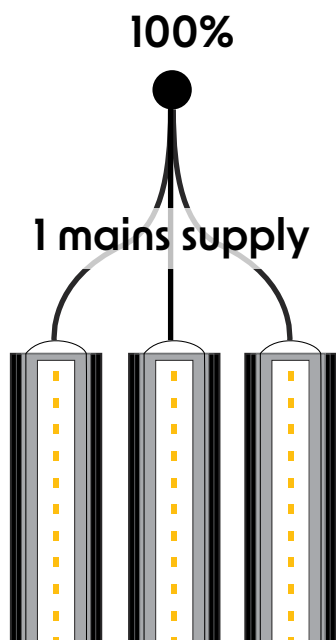
3 x 104 16 923 lm

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.

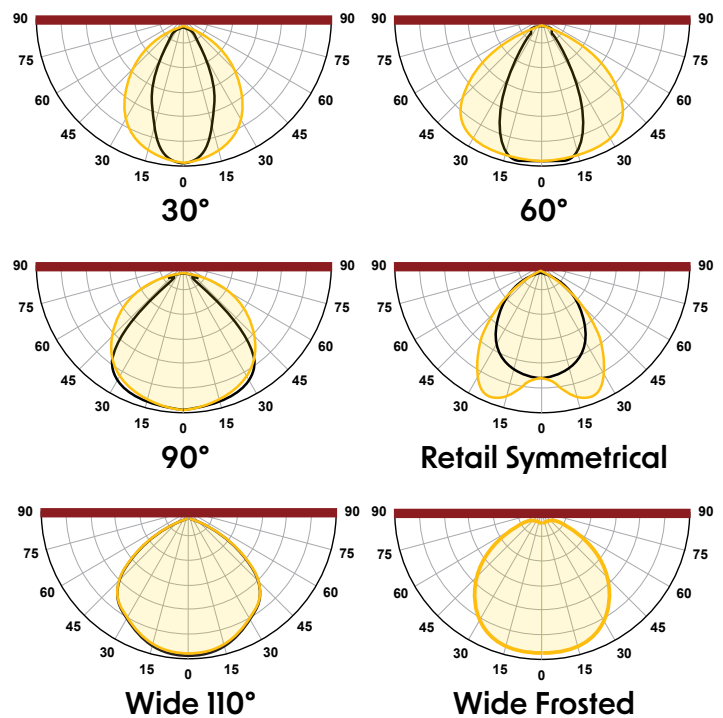


Distribution Options

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.



5 year warranty:
Please visit
www.energywise.co.za

QMS-LEB-EWBR-240318

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[®]

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



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

LED eBay

Light industrial diffused low bay

Standard
Height: 2-10m
IP: 40
Temp: 35°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

LEDRAIL 4-100 GAP

Retail applications, Hardware stores etc

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

EX Flood

Factories, Warehouses, Mills, Marine etc.

Standard
Height: 3-10m
IP: 65
Temp: 40°C

EX DUSTPROOF PREMIUM

Warehouses, Car parks, Mills.

Standard
Height: 2.5-8m
IP: 65
Temp: 40°C

EX DUSTPROOF

Warehouses, Car parks, Corridors, Mills.

Standard
Height: 2.5-8m
IP: 65
Temp: 40°C

EX Pod

Factories, Mines, Marine etc.

Standard
Height: 2-5m
IP: 68
Temp: 40°C

EX Torch

Heavy industrial areas.

Standard
Height: 2-10m
IP: 65
Temp: 40°C

EARTH



EARTHbay

Horticulture, Open areas etc

Standard
Height: 2.5m
IP: 65
Temp: 35°C

EARTHplate

Horticulture, Rack/ Under shelf etc

Standard
Height: 0.5m
IP: 65
Temp: 35°C

EARTHpod

Horticulture, Propagation, Racks etc.

Standard
Height: 0.2m
IP: 65
Temp: 35°C

EARTHaxis

Grow tent horticulture

Standard
Height: 0.2m
IP: 65
Temp: 35°C

Job done

energywise

Better light through research.