

Bay XE

No frills, all punch, no compromises.

A high powered and high quality highbay in an economical packaging, the Bay XE packs much of the punch of its more luxurious Bay XP sibling without the frills. A true no nonsense workhorse this the BAY XE was designed to light where you need it without fuss.



Lights on.
Job done.



kV Protection:
4kV surge
protection

IP
20

Indoor



Lenses

energywise

Better light
through research.

Minimal cost, Massive value

Professional lighting for all.

After the success of our Bay XP we realised there was a gap in the market for a more cost effective solution that did the basics perfectly without the frills.

Manufactured from the same battle tested materials as its big brothers and with its superior heat dissipation and high lumen output the Bay XE is suitable for many applications ranging from storage rooms, workshops, light industrial, commercial and garages etc

From sweltering factories to industrial cold rooms the heavyweight XP is the benchmark in high bay lighting. For hardworking factories and busy warehouses the XL delivers perfectly. For everything else the Bay XE shines bright and comes in at a price that's right.

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

KEY FEATURES

LENSES

- 4 different optics

1 SIZE OPTION

- Bay XE 102

OPTICS

- Impact rating IK08/5J

MOUNTING OPTIONS

- P2000 mount
- Ceiling mount
- Suspended / Pendant



Specifications

Spec'd for **every** situation.

Our Bay XE is available in the specifications below.



kV Protection:
4kV surge
protection



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



Indoor



Recyclable



Lenses

Bay XE 102

Raw Lumen:
Effective Lumen:

22660 lm
18822 lm

240V:
Raw Efficacy:
Effective Efficacy:

144W
158 lm/w
131 lm/w

Max ambient:
L&B

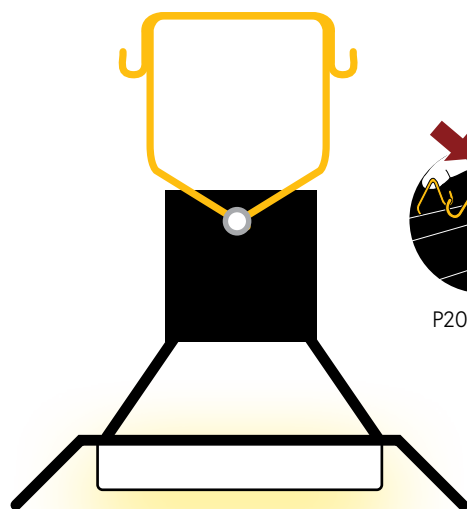
30°C
L80 B10 50K hrs

600 mm

Installation

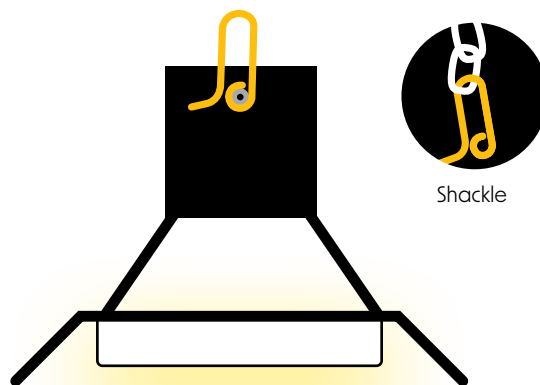
Easy to install, **saving** you time & money

The Bay XE has two simple methods of installations as pictured below.



P2000 Claw

P2000 Claw Mount
For quick and simple attachment of
the Bay XE to P2000 trunking. **On
request**



Shackle

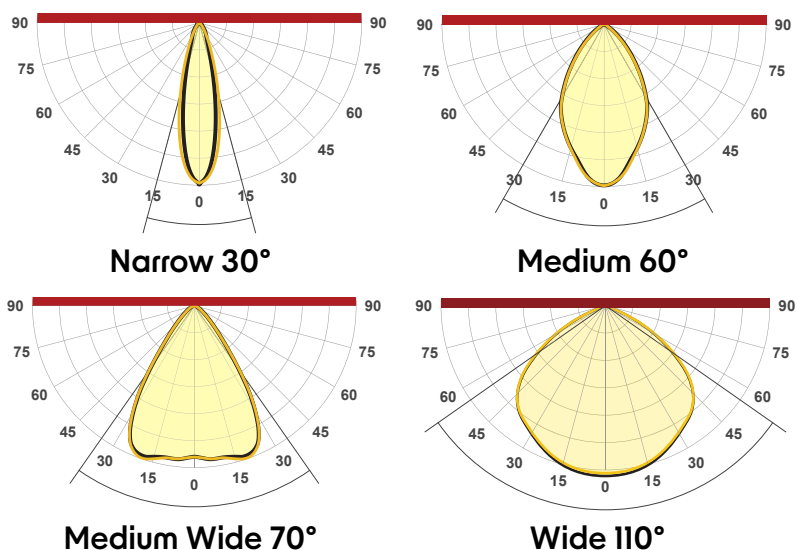
Suspended Shackle Mount
For hanging the fitting at your desired
height. **On request**

Distribution Options

The light you need, where you want it.

The development of high-quality optical lenses has changed the lighting game. Gone are the days of naked bulbs throwing out in a wide light spray covering everything from the ceiling above to the walls no one needs to see. With today's advancements in lens efficiency, we are able to put the light where you need it most providing you lux levels on both vertical and horizontal planes.

In so doing we can provide solutions for shelving or walkways, for punching deep through high-racks or throwing wide beams across open spaces. With these technologies, the only time you have dark spots is if you intentionally wanted to.



A Closer Look

Engineered to the highest standards.

Heat-sink

Aluminum heat-sink engineered to keep the LEDs comfortable up to an ambient of 30°C. This radical design is also easier to clean fitting without compromising heat dissipation.

Lenses

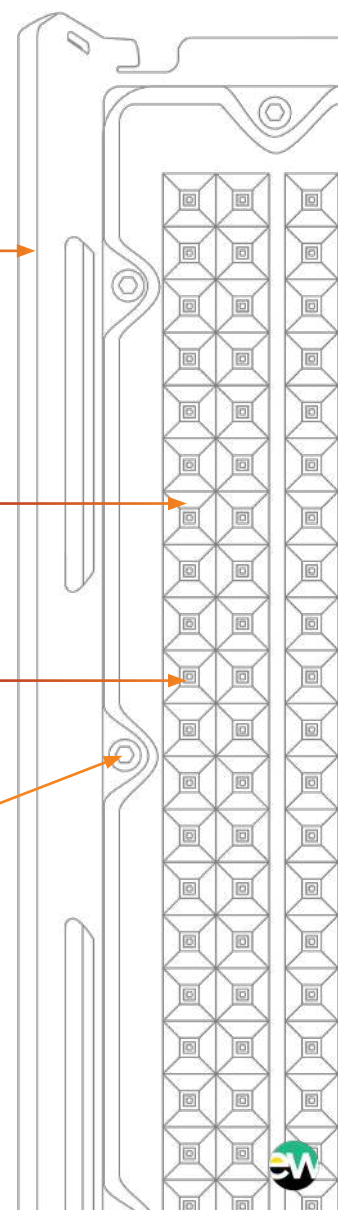
Polycarbonate lens offer great IK08 impact protection and efficient distribution control.

LEDs

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

Finishings

All fasteners are Stainless Steel 306 rust free longevity.



Features

Standard across the Bay XE range.



Indoor



Recyclable.



Lenses.



Serviceable: All units are serviceable and all parts replaceable.



5600K Standard, 3000K, 4000K, 6500K on request.



Colour rendition index 80+



Top Bin Chips <3 MacAdams



Earth connection and CLASS I insulation fixture.



Optic impact rating IK08/5J.



Voltage surge protection 4Kv.



All screws & mini shackles in stainless steel 306.

Optional



Suspended by chain or steel cable. (not included)



P2000 Trunking mount

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 5 year warranty* *T&C's apply, please check with Head Office for further details.

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 35°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.



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

Designed and
Manufactured by

energywise

**Better Light
Through Research.**

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Physical address: Unit 5 Edstan Business Park, 2 Ibhubs 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.