

LO-BOX

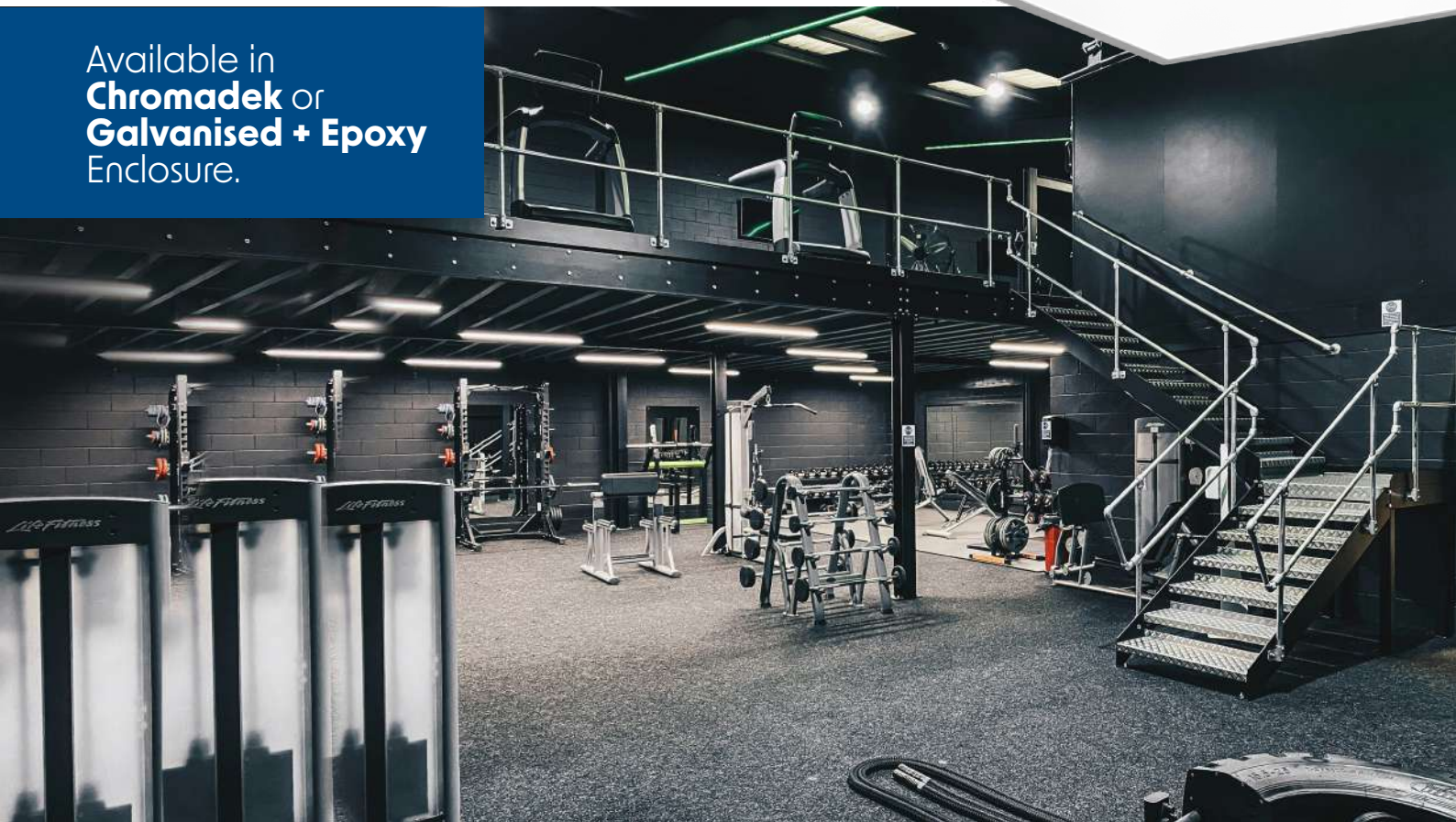
Tough on
the outside,
stunning on
the inside.

LO-BOX brings smooth, even illumination to indoor spaces like gyms, showrooms, and small warehouses. Its panel diffuser softens light for comfort and clarity, creating inviting, glare-free environments.

Commercial

IP
40

Available in
Chromadek or
Galvanised + Epoxy
Enclosure.



Proudly manufactured in
South Africa using
European LED Technology



L&B Rating:
L90 B10
90 000 hrs



**Acrylic Panel
Diffuser:**
Low-Glare



**7 or 5 Year
Warranty**
*Terms and conditions
apply.

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Smooth, Even, Effortless

This is LO-BOX — where simplicity meets sophistication. Designed for indoor spaces like gyms, small warehouses, and showrooms, it delivers light that's both functional and pleasing to the eye. The beauty of LO-BOX isn't in its exterior alone; it's in the way it transforms a space with smooth, even illumination.

At the heart of LO-BOX is its **panel diffuser**, engineered to soften and distribute light evenly, eliminating harsh glare and creating a comfortable, inviting environment. The thin bezel maximises diffuser surface area, allowing more light to shine through while maintaining a sleek, modern profile. Whether it's highlighting products in a showroom, brightening a training area, or keeping workspaces well-lit, the light flows effortlessly across the room.

Built with a choice of **Chromadek** or **Galvanised + Epoxy**, Lobox is practical and reliable while staying visually discreet. It's a fixture that blends seamlessly into any interior, letting the quality of light take center stage. Because in the end, it's not about how tough the box is — it's about how beautifully it lights your space.

KEY FEATURES

MODULAR

- The fitting can reach a max lumen package of 11,150 effective lumen.

3 SIZE OPTIONS

- LO-BOX 402
- LO-BOX 302

DIFFUSER

- PMMA Acrylic glass (Perspex)

TEMPERATURE

- Ambient room temperature: minimum 35°C

MOUNTING OPTIONS

- Mounted directly on the ceiling, suspended or on P2000 using a bracket (Available as an add-on).



Optional:
Bluetooth, Wifi,
Dali 2 & Bi Level.
Casambi App
featured above.



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

Specifications

Spec'd for every situation.

Our LO-BOX can be manufactured to your desired specifications, see the options below.



kV Protection:
4kV standard
10kV, 12kV
on request



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



Indoor



Recyclable



**Acrylic Panel
Diffuser:**
Low Glare



Modular:
Expandable
system



L&B Rating:
L90 B10
90 000 hrs

Pro LO-BOX 402



Raw Lumen:
Effective Lumen:

16 352 lm
11 000 lm

Wattage:
Raw Efficacy:
Effective Efficacy:

95W
172 lm/w
116 lm/w

Max Ta:
L&B:
Hrs:

35°C
L80 B10
75 000 hrs

630 x 350mm

Max LO-BOX 302



Raw Lumen:
Effective Lumen:

16 350 lm
11 148 lm

Wattage:
Raw Efficacy:
Effective Efficacy:

91W
180 lm/w
123 lm/w

Max Ta:
L&B:
Hrs:

35°C
L90 B10
90 000 hrs

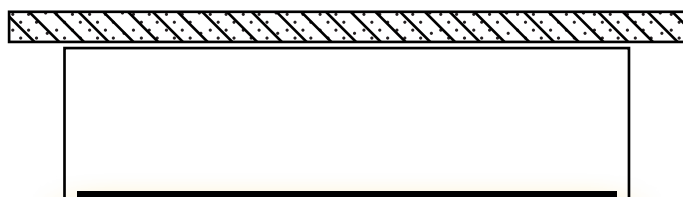
630 x 350mm

Installation

Easy to install, Saving you time & money

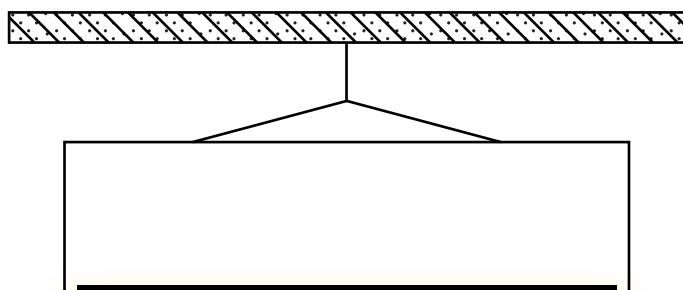
The LO-BOX is easy to install with a few different mounting options.

Please specify your preference when ordering and feel free to reach out with any **special requests**.



Ceiling mount

A system to mount your new fitting directly to most ceiling.



Suspended

A system to suspend your new fitting at your desired height.

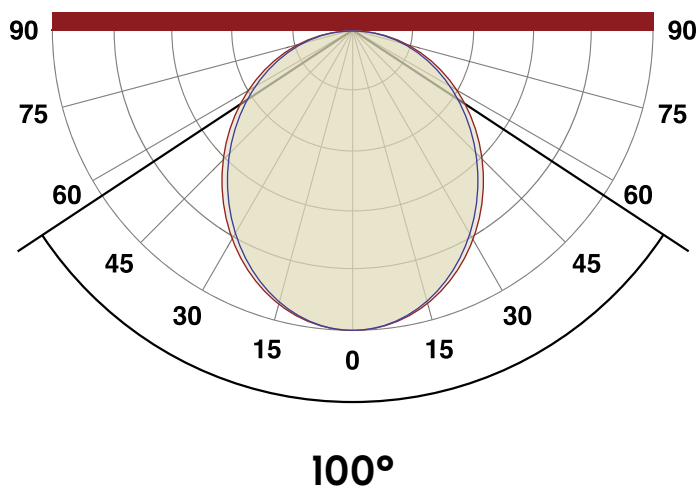
Distribution Options

The light you need, where you want it.

The development of high-quality

diffusers has transformed modern lighting. Gone are the days of harsh, uneven light spilling in all directions and creating distracting hotspots. With today's advanced diffuser technology, we are able to smooth, soften and control light distribution, delivering the right lux levels exactly where they matter without compromising efficiency.

This allows us to tailor illumination to your specific needs through our range of diffuser options, ensuring consistent, uniform lighting throughout your space. The only time you will see shadows or dark spots is when you want them there by design.



A Closer Look

Engineered to the highest standards.

3CR12 Enclosure

Built from 3CR12 stainless steel, the LO-BOX delivers exceptional durability while staying lightweight for effortless handling and installation.

Panel Diffuser

The glare-reducing diffuser delivers smooth, uniform illumination, and minimising visual strain while meeting strict performance environments.

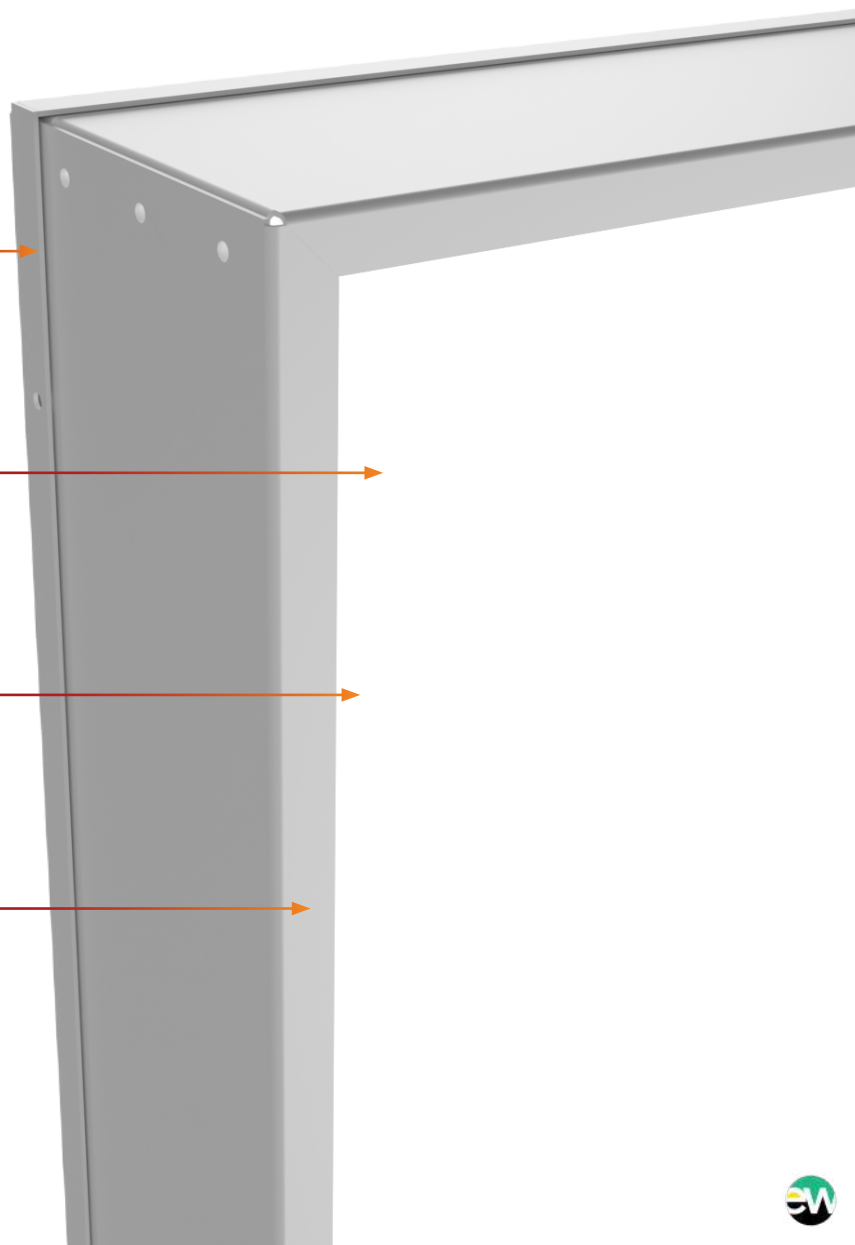
LEDs

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

Slim Bezel

Designed with a slim bezel, the LO-BOX gives the diffuser more room to breathe.

Allowing more light to shine through while maintaining a sleek and modern profile.



Features

Standard across the LO-BOX Bay range.



Indoor



Serviceable: All units are serviceable and all parts replaceable.



5000K Standard, 3000K, 4000K, 6500K on request.



Colour rendition index 80+



Top Bin Chips <3 MacAdams



Modular.



Earth connection and CLASS I insulation fixture.



Voltage surge protection 4Kv.



Arcylic Panel Diffuser.



Sustainably Recyclable.



L&B Life Rating: L90 B10, 90 000 hrs

Extras

Optional Extras.



Casambi bluetooth technology.



All units can be fitted with Dali or bi-level driver.



Replaceable 10kV, 12kV surge protection modules available **on request**.



IES files available.



5 or 7 year warranty:
Please visit
www.energywise.co.za
*T's & C's Apply

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

						
Bay XP Factories, Warehouses, Cold rooms etc.	Bay XL Factories, Warehouses, Supply rooms etc.	Bay XE Factories, Warehouses, Supply rooms etc.	DUSTPROOF Warehouses, Car parks, Corridors.	VANDAL-RESISTANT DUSTPROOF Car parks, Corridors, Mills.	PUREBox Panel Medical & laboratory, Clean rooms etc.	Torch Bulkhead Heavy industrial areas.
Standard Height: 6-25m IP: 65 Temp: 40/65°C	Standard Height: 3-20m IP: 40 Temp: 30°C	Standard Height: 6-25m IP: 20 Temp: 30°C	Standard Height: 2.5-8m IP: 66 Temp: 35°C	Standard Height: 2.5-8m IP: 66 Temp: 35°C	Standard Height: 3-5m IP: 54 Temp: 35°C	Standard Height: 6-25m IP: 65 Temp: 30°C





						
Pod IP65 Tamperproof and nearly unbreakable.	Bay XF Get the job done, Glare-Free.	Plate XP Swiss army knife of lighting.	TOBLO bay Factories, Warehouses, Supply rooms etc.	Bay XT Distribution centers, Warehouses etc.	Retrofit 44 Converting old HID tech to LED	Retrofit 22 Converting old HID bulkhead to LED
Standard Height: 2-5m IP: 65 Temp: 35°C	Standard Height: 2-10m IP: 20 Temp: 30°C	Standard Height: 6-25m IP: 65 Temp: 35°C	Standard Height: 6-25m IP: 40 Temp: 40/30°C	Standard Height: 3-20m IP: 40 Temp: 35°C	Standard IP: 00 Temp: 30°C	Standard IP: 00 Temp: 35°C

RETAIL & COMMERCIAL

						
LEDrail 1000 Shops, Production facilities, parking	LEDrail 2000 Shops, Sheds, Underground parking	LEDrail 4000 Retail, board rooms, department stores.	LEDrail 8000 Retail, board rooms, department stores.	LEDrail 4-100 All retail outlets, showrooms, offices etc	LEDrail 4LCO Shops, Production facilities, showrooms etc	Linear 4-300 Glare free precision lighting
Standard Height: 2.5-10m IP: 40 Temp: 30°C	Standard Height: 2.5-10m IP: 40 Temp: 30°C	Standard Height: 2.5-6m IP: 40 Temp: 35°C	Standard Height: 2.5-6m IP: 40 Temp: 35°C	Standard Height: 2.5-10m IP: 40 Temp: 35°C	Standard Height: 2.5-10m IP: 40 Temp: 35°C	Standard Height: 2.5-10m IP: 40 Temp: 35°C

						
Downlighter Offices, retail and hospitality settings.	Panel 595x595 Offices, healthcare, educational facilities.	Panel 1195x595 Offices, commercial, educational settings.	EX Bay XP Factories, Warehouses, Mills, Marine etc.	EX DUSTPROOF PREMIUM Warehouses, Car parks, Mills.	EX DUSTPROOF Warehouses, Car parks, Corridors, Mills.	EX Pod Factories, Mines, Marine etc.
Standard IP: 40 Temp: 30°C	Standard IP: 40 Temp: 30°C	Standard IP: 40 Temp: 30°C	Standard Height: 6-25m IP: 65 Temp: 40°C	Standard Height: 2.5-8m IP: 65 Temp: 35°C	Standard Height: 2.5-8m IP: 65 Temp: 35°C	Standard Height: 2-5m IP: 68 Temp: 40°C

EARTH

			
EX Torch Heavy industrial areas.	EARTHbay Horticulture, Open areas etc	EARTHplate Horticulture, Rack/ Under shelf etc	EARTHpod Horticulture, Propagation, Racks etc.
Standard IP: 65 Temp: 40°C	Standard From canopy: 0.5-2m IP: 65 Temp: 35°C	Standard From canopy: 0.4-2m IP: 65 Temp: 35°C	Standard From canopy: 0.2-1m IP: 65 Temp: 35°C

Lights on. Job done.

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