

LEDrail 4000 & 8000

Retail

Aesthetically crisp & professionally elegant.

In design sometimes less is more, and that is certainly true for the clean lines of the Ledrail 4000 & 8000. This luminaires driver and power management system is all housed within the fitting giving it a sleek profile.



LR8000
Built in
Driver



LR4000
Remote
Driver



Proudly manufactured in
South Africa using
European LED Technology



kV Protection:
1kV-2kV,
4kV or 10kV on
request



Indoor



SABS
Approved



5 Year
Warranty

energywise

Better light
through research.

Beauty through simplicity.



An all in one commercial solution.

The LEDrail 4000 & 8000 were originally designed in 2015 and thanks to continuously innovative tech upgrades this workhouse still remains a benchmark for high powered solutions for offices and high-end retail spaces.

This luminaire aesthetics allow it to comfortably occupy centre stage whilst its masterfully diffused light is gentle on the eye whilst packing a serious lumen punch allowing you to focus on getting the job done. No frills. No-fuss. Just great lighting.

The LEDrail 8000 has its driver, surge protector and other electronics housed within the back of the fitting allowing for clean look and efficiency in its symmetry. This simplicity makes the LEDrail 8000 ideal as an architectural hanging pendant. The LEDrail 4000s difference in that it features a remote driver which can be housed within the ceiling.

KEY FEATURES

MODULAR

- Allowing the fitting to be as long or consolidated as you need.
- With extra Lumen Packages up to 13,200 lm.

6 SIZE OPTIONS

- LEDrail 4/8000 104
- LEDrail 4/8000 105
- LEDrail 4/8000 106
- LEDrail 4/8000 107
- LEDrail 4/8000 108
- LEDrail 4/8000 110

OPTICS

- Our infinity diffuser means no unsightly breaks in the light making it a beautiful product for boardrooms and the like.

MOUNTING OPTIONS

- Ceiling, Floating or Pendant
- Recessed mount for the Ledrail 4000 only
- P2000



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



*25°C is for Textbooks, Not Africa's Sun: All EW Lights are designed for the 30°C Reality. Minimum.

Specifications

From dealerships to boardrooms.

Standard fitting finish options are white, anodised and black. Bespoke colour options on request.



kV Protection:
1kV-2kV. 4kV or
10kV on request



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



Indoor



L&B Life Rating
L80/90 B10
70 000 hrs



SABS
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Dimensions

Size can vary by +/-1mm
Sizes are not including
any caps or joints. Due to
constant R&D, sizes can
change without notice.

LEDrail 4000

Width - 51mm
Height - 46mm

LEDrail 8000

Width - 51mm
Height - 85mm

LEDrail 4000 104 1150

Raw Lumen:
Effective Lumen:

4000 lm
2684 lm

5460 lm
3760 lm

6350 lm
4400 lm

7560 lm
5280 lm

240V:
Raw Efficacy:
Effective Efficacy:

24W
167 lm/w
112 lm/w

33W
166 lm/w
114 lm/w

40W
157 lm/w
109 lm/w

48W
158 lm/w
110 lm/w

Max ambient:
L&B:

40°C
L90 B10
F10 70K hrs

40°C
L90 B10
F10 70K hrs

40°C
L90 B10
F10 70K hrs

40°C
L80 B10
F10 70K hrs

All LEDrail 4000 fitting options

Name	Length	40°C	40°C	40°C	40°C
104	1131	2684 lm/ 24w	3760 lm/ 33w	4400 lm/ 40w	5280 lm/ 48w
105	1411	3355 lm/ 30w	4700 lm/ 42w	5500 lm/ 51w	6600 lm/ 60w
106	1691	4026 lm/ 36w	5640 lm/ 50w	6600 lm/ 61w	7920 lm/ 72w
108	2251	5368 lm/ 48w	7520 lm/ 66w	8800 lm/ 81w	10,560 lm/ 96w
110	2811	6710 lm/ 60w	9400 lm/ 83w	11,000 lm/ 101w	13,200 lm/ 120w

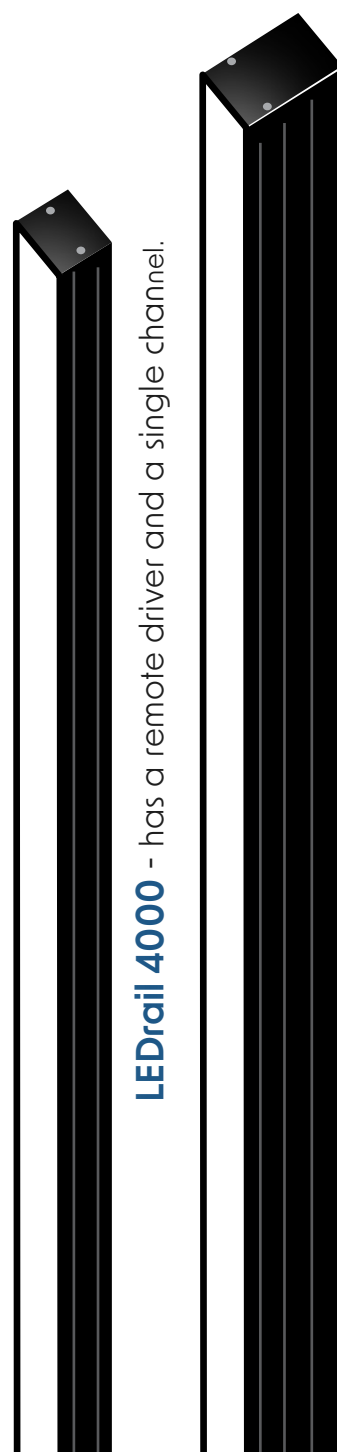
All LEDrail 8000 fitting options

Name	Length	40°C	40°C	40°C	40°C
104	1131	2684 lm/ 24w	3760 lm/ 33w	4400 lm/ 40w	5280 lm/ 48w
105	1411	3355 lm/ 30w	4700 lm/ 42w	5500 lm/ 51w	6600 lm/ 60w
106	1691	4026 lm/ 36w	5640 lm/ 50w	6600 lm/ 61w	7920 lm/ 72w
107	1971	4697 lm/ 42w	6580 lm/ 58w	7700 lm/ 71w	9240 lm/ 84w
108	2251	5368 lm/ 48w	7520 lm/ 66w	8800 lm/ 81w	10,560 lm/ 96w
110	2811	6710 lm/ 60w	9400 lm/ 83w	11,000 lm/ 101w	13,200 lm/ 120w

Spot the difference?

The **LEDrail 4000** has a remote driver and a single channel.

The **LEDrail 8000** has a built in driver and double channel.



LEDrail 4000 - has a remote driver and a single channel.

LEDrail 8000 - has a built in driver and double channel.

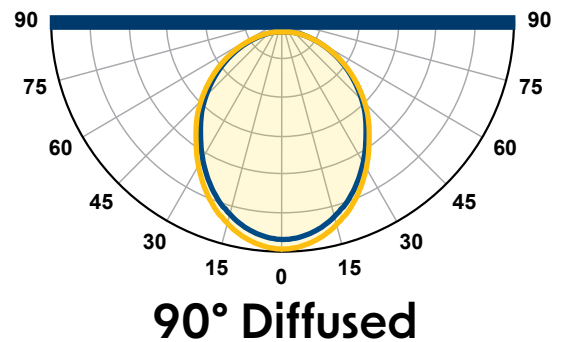


Diffused light

Light to work to.

The diffuser designed for the 4000 & 8000 provides a low glare perfect for offices, boardroom, and a host of commercial environments.

The design of these LEDrails was conceived to create a simple, elegant fitting that would proudly take centre stage in any office. Beauty and brains, this luminaire is also available with casmabi Bluetooth™ technology or a Dali or Bi-level driver.



A Closer Look

Engineered to the highest standards.

Driver →

The driver powering this elegant light is housed within the fitting body to add to that slick, simple design. The LEDrail 4000 has a remote driver which can be placed out of sight and offers a thinner profile.

LEDs →

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

← **Diffuser**

A harmonious band of light pours through our diffuser. We use a infinity diffuser which allows for as long as you can imagine continuous beam of light without any breaks.

Installation

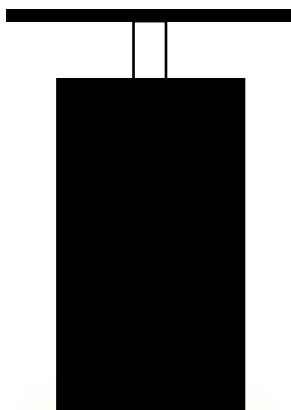
Easy to install, Saving you time & money

The LEDrail 4000 & 8000 family are simple to install with a few different mounting options. Please specify your preference when ordering your LEDrails

LEDrail 8000



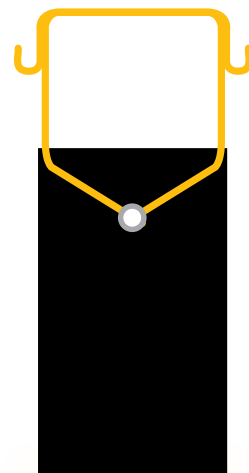
Ceiling Mount
A simple system to mount your new fittings directly to most ceilings.



Floating Mount
A mount for areas where a ceiling mount isn't possible.



Suspended Mount
For hanging the fitting at your desired height.



P2000 Claw Mount
For quick and simple attachment to P2000 trunking.

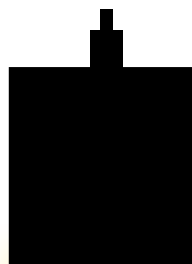
LEDrail 4000



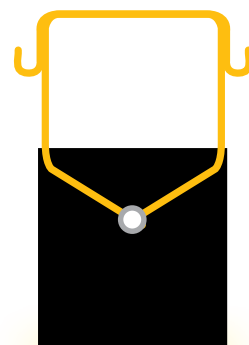
Recessed Mount
A beautiful mounting option where most of the fitting isn't visible to let the light really shine.



Ceiling Mount
A simple system to mount your new fittings directly to most ceilings.



Suspended Mount
For hanging the fitting at your desired height.



P2000 Claw Mount
For quick and simple attachment to P2000 trunking.

Disclaimer:

While every effort is made to ensure the accuracy of technical details at the time of publication, we reserve the right to modify or upgrade any product or component specifications without prior notice. Our products undergo continuous improvements in technology, energy efficiency, safety, and cost-effectiveness to meet evolving industry standards and supplier updates.

All upgrades are made to enhance product quality, and as such, no claims or complaints will be entertained regarding specification changes.

We are ISO 9001:2015 compliant, and our assembly line adheres to IEC 60958 guidelines. Our products are covered by a Product Liability Policy, and our LED products come with a 5-year warranty (T&Cs apply—please contact Head Office for details).

Effective Lumen Output After Warm-up

We adhere to industry best practices in providing accurate Effective Performance Data (Lumens, Watts, and L&B) that account for driver and LED thermal losses during the warm-up period.

To ensure precise measurements, we conduct Energy and Photometric Testing only after the LED within the fitting has been powered on long enough to reach a stable and constant lumen output—achieving thermal equilibrium at an ambient temperature (T_a) of 35°C.

Unfortunately, some suppliers misrepresent efficacy by inflating lumen values 10–20% above the true effective output. This is often done by using raw LED photometric data, which:

- Excludes driver losses (typically 2–5%)
- Ignores thermal adjustment losses, which can take 20–240 minutes and account for 7–15% reduction in output

Given these factors, the actual Effective Lumen Output is often lower than raw values suggest. In extreme cases, some suppliers report only raw LED values, completely disregarding real-world performance. For transparency and accuracy, we ensure our data reflects true effective lumens, providing reliable performance metrics you can trust.

Features

Standard across the LEDrail 4000 & 8000 range.



SABS Approved

IP
40

Indoor.



1kV-2kV standard voltage surge protection.



Sustainably Recyclable aluminum.



Acrylic diffuser.



Serviceable: All units are serviceable and all parts replaceable.



Colour temperature 5600K



Colour rendition index 80+



L&B Life Rating: L80/90 B10, 70 000 hrs



Earth connection and CLASS I insulation fixture.



Ceiling mount



Floating mount



Suspended by chain or steel cable



Infinity Diffuser

Extras

Optional Extras.



Casambi bluetooth technology.



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



4kV surge protection upgrade available



10kV replaceable surge protection. module



IES files available.



VOLTpro



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

Designed and
Manufactured by

energywise

Better Light
Through Research.

sales@energywise.co.za | www.energywise.co.za

T: +27 31 764 2345 / +27 87 941 0012

Physical address: Unit 5 Edstan Business Park, 2 Ibhuhesi Road, Riverhorse Valley, Durban, South Africa, 4017

Postal address: PO Box 1166, Kloof, South Africa, 3640



SABS
APPROVED



MADE IN
SOUTH AFRICA

Energywise lighting options

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

INDUSTRIAL



Bay XP
Factories, Warehouses,
Cold rooms etc.

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



**VANDAL-RESISTANT
DUSTPROOF** Car parks,
Corridors, Mills.

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



PUREBox Panel
Medical & laboratory,
Clean rooms etc.

Standard
Height: 3-5m
IP: 54
Temp: 35°C



Torch Bulkhead
Heavy industrial areas.

Standard
Height:
IP: 65
Temp: 30°C



Pod IP65
Tamperproof and
nearly unbreakable.

Standard
Height: 2-5m
IP: 65
Temp: 35°C



Bay XF
Get the job done,
Glare-Free.

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



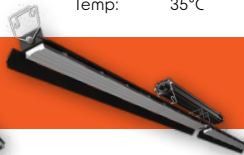
Plate XP
Swiss army knife
of lighting.

Standard
Height: 6-25m
IP: 65
Temp: 35°C



TOBLO bay
Factories, Warehouses,
Supply rooms etc.

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



Bay XT
Distribution centers,
Warehouses etc.

Standard
Height: 3-20m
IP: 40
Temp: 35°C

RETROFIT



Retrofit 44
Converting old HID
tech to LED

Standard
IP: 00
Temp: 30°C



Retrofit 22
Converting old HID
bulkhead to LED

Standard
IP: 00
Temp: 35°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



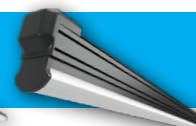
LEDrail 8000
Retail, board rooms,
department stores.

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



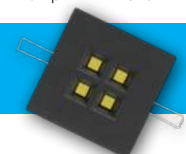
LEDrail 4LCO
Shops, Production
facilities, showrooms etc

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



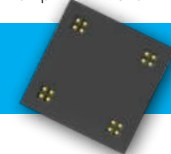
Linear 4-300
Glare free
precision lighting

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



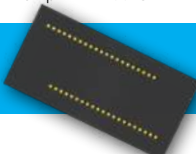
Downlighter
Offices, retail and
hospitality settings.

Standard
IP: 40
Temp: 30°C



Panel 595x595
Offices, healthcare,
educational facilities.

Standard
IP: 40
Temp: 30°C



Panel 1195x595
Offices, commercial,
educational settings.

Standard
IP: 40
Temp: 30°C

EX



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

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



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

Standard
Height: 2.5-8m
IP: 65
Temp: 35°C



EX DUSTPROOF
Warehouses, Car
parks, Corridors, Mills.

Standard
Height: 2.5-8m
IP: 65
Temp: 35°C



EX Pod
Factories, Mines,
Marine etc.

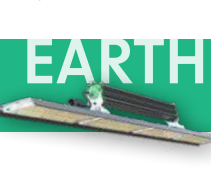
Standard
Height: 2-5m
IP: 68
Temp: 40°C

EARTH



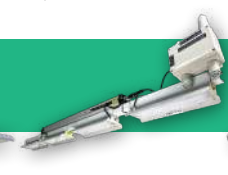
EX Torch
Heavy industrial
areas.

Standard
IP: 65
Temp: 40°C



EARTHbay
Horticulture, Open
areas etc

Standard
From canopy: 0.5-2m
IP: 65
Temp: 35°C



EARTHplate
Horticulture, Rack/
Under shelf etc

Standard
From canopy: 0.4-2m
IP: 65
Temp: 35°C



EARTHpod
Horticulture,
Propagation, Racks etc.

Standard
From canopy: 0.2-1m
IP: 65
Temp: 35°C

Lights on. Job done.

energywise

Better light
through research.