

LEDrail 4000 & 8000

Retail

IP 40

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.



Built in Driver

Remote Driver



Proudly manufactured in
South Africa using
European LED Technology



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



Indoor



Acrylic
Lens



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 11200 lm.

5 SIZE OPTIONS

- LEDrail 4/8000 104 1150mm
- LEDrail 4/8000 105 1500mm
- LEDrail 4/8000 106 1700mm
- LEDrail 4/8000 107 2000mm
- LEDrail 4/8000 108 2300mm

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



Colour Options:
White, Anodised
& Black



**Suspended/
Pendant Mount**



**Ceiling
Mount**

LEDrail 4000 104 1150 mm

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
L80/90 B10
F10 70K hrs

40°C
L80/90 B10
F10 70K hrs

40°C
L80/90 B10
F10 70K hrs

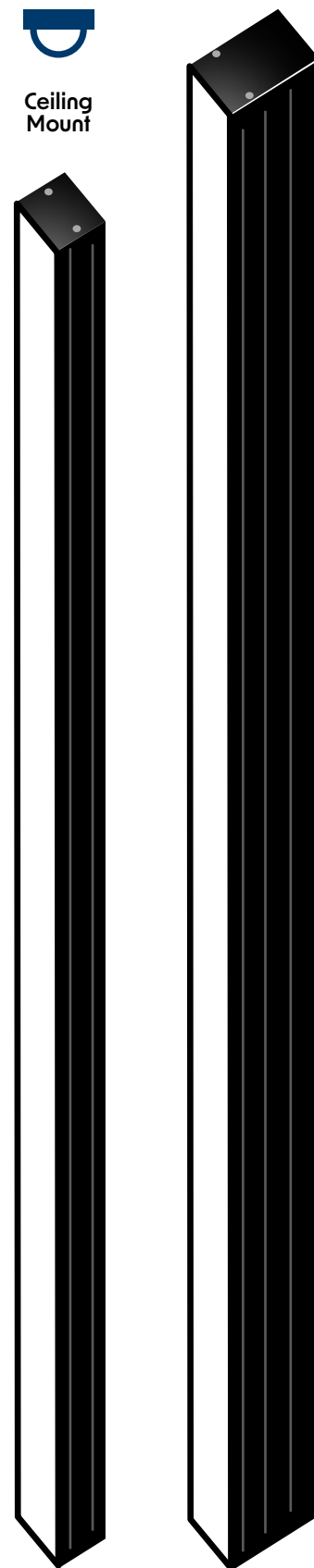
40°C
L80 B10
F10 70K hrs

All LEDrail 4000 fitting options

Name	Length	40°C	40°C	40°C	40°C
104	1150	2684lm/ 24w	3760lm/ 33w	4400lm/ 40w	5280lm/ 48w
105	1400	3355lm/ 30w	4700lm/ 42w	5500lm/ 51w	6600lm/ 60w
106	1680	4026lm/ 36w	5640lm/ 50w	6600lm/ 61w	7920lm/ 72w
108	2240	5368lm/ 48w	7520lm/ 66w	8800lm/ 81w	10560lm/ 96w
110	2800	6710lm/ 60w	9400lm/ 83w	11000lm/ 101w	13200lm/ 120w

All LEDrail 8000 fitting options

Name	Length	40°C	40°C	40°C	40°C
104	1150	2684lm/ 24w	3760lm/ 33w	4400lm/ 40w	5280lm/ 48w
105	1420	3355lm/ 30w	4700lm/ 42w	5500lm/ 51w	6600lm/ 60w
106	1720	4026lm/ 36w	5640lm/ 50w	6600lm/ 61w	7920lm/ 72w
107	2000	4697lm/ 42w	6580lm/ 58w	7700lm/ 71w	9240lm/ 84w
108	2280	5368lm/ 48w	7520lm/ 66w	8800lm/ 81w	10560lm/ 96w



LEDrail 4000:
Remote driver
Single Channel

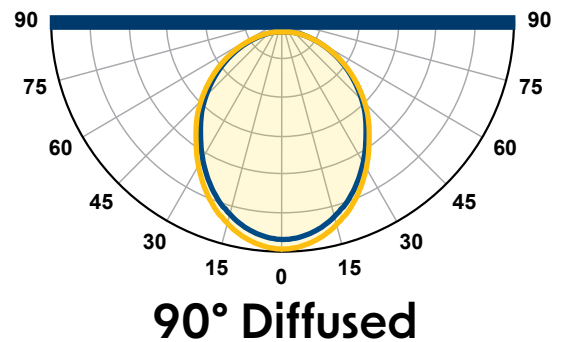
LEDrail 8000:
Built in driver
Double Channel

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

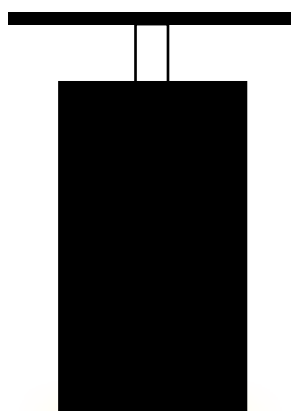
The LEDrail 4000 & 8000 family are simple to install with a few different mounting options. Please specify your preference when ordering your LEDrails

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



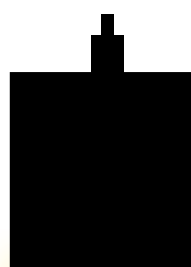
Recessed Mount

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



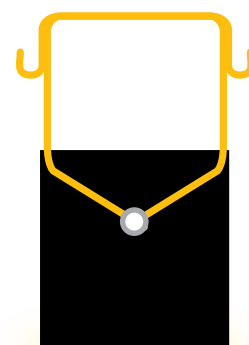
Ceiling Mount

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:

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 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.








Features

Standard across the LEDrail 4000 & 8000 range.

-  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
-  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 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.

Lights on

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

Torch Bulkhead
Heavy industrial areas.

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



RETROFIT



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: 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 44
Converting old HID
tech to LED

Standard
Height: 8m
IP: 00
Temp: 30°C

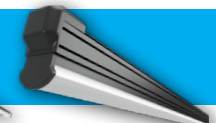
Retrofit 22
Converting old HID
bulkhead to LED

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

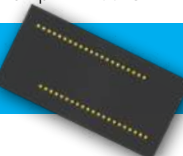
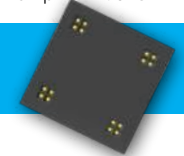
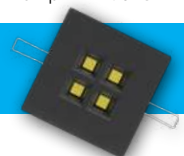
Standard
Height: 2.5-10m
IP: 40
Temp: 35°C

LEDrail 4LCO
Shops, Production
facilities, showrooms 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



EX



Downlighter
Offices, retail and
hospitality settings.

Standard
Height: 0.15m
IP: 40
Temp: 30°C

Panel 600x600
Offices, healthcare,
educational facilities.

Standard
Height: 0.6m
IP: 40
Temp: 30°C

Panel 1200x600
Offices, commercial,
educational settings.

Standard
Height: 0.6m
IP: 40
Temp: 30°C

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

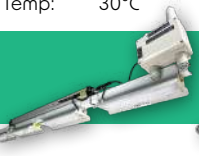
EX DUSTPROOF
Warehouses, Car
parks, Corridors, Mills.

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
Height: 2-10m
IP: 65
Temp: 40°C

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.