LEDrail 4000 & 8000

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

Lights on. Job done.

4kv

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

IP 40

Indoor

PMMA

Acrylic Lens

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 unsighlty 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.

GET IT ON
Google Play

Download on the
App Store

Design & Tested here

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

Specifications

From dealerships to boardrooms.

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

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

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

IP 40
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**
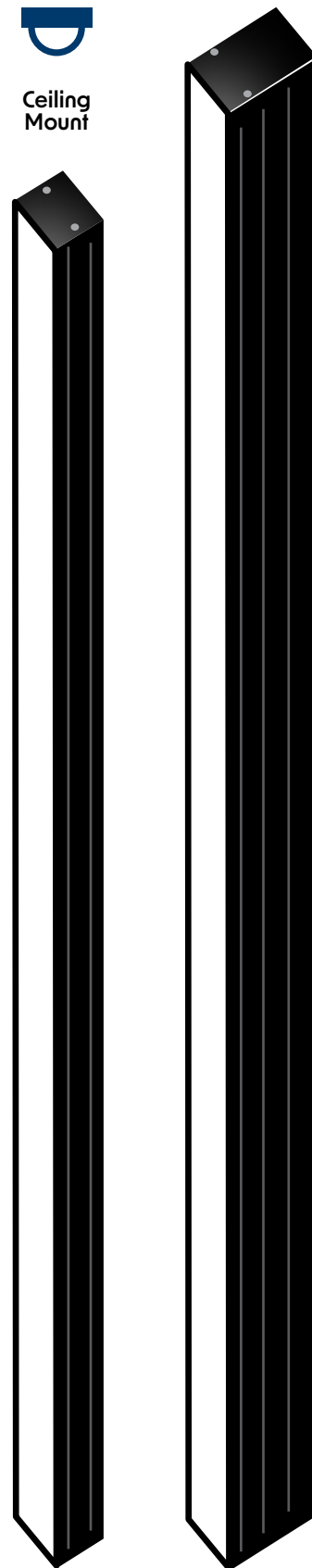
LEDrail 4000:
Remote driver

LEDrail 8000:
Built in driver

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.

90° Diffused
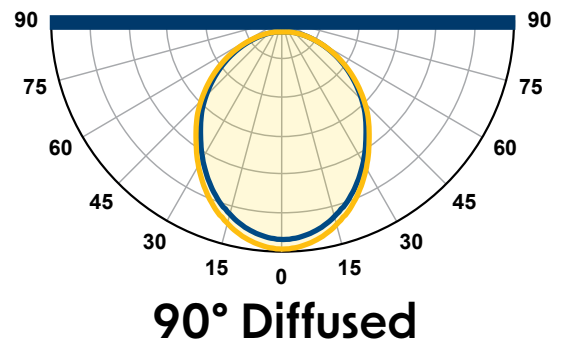
A Closer Look

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.

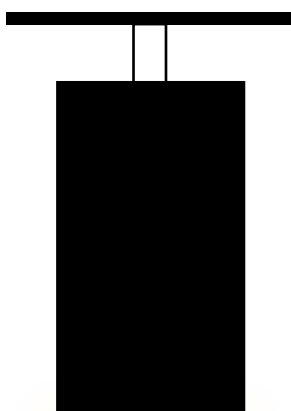# Installation

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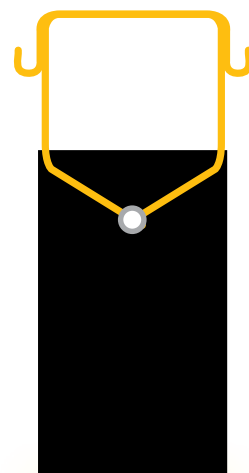A simple system to mount your new fittings directly to most ceilings.

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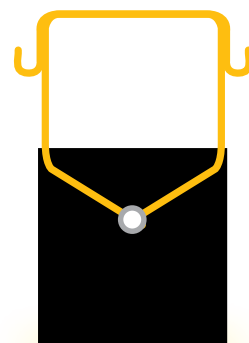A beautiful mounting option where most of the fitting isn't visible to let the light really shine.

Ceiling Mount
A simple system to mount your new fittings directly to most ceilings.
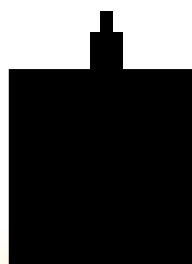
Suspended Mount
For hanging the fitting at your desired height.

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.

IP 40 — Indoor.

kV — 1kV-2kV standard voltage surge protection.

AL — Recyclable aluminum.

PMMA — Acrylic diffuser.

Serviceable: All units are serviceable and all parts replaceable.

KELVIN — Colour temperature 5600K

CRI — Colour rendition index 80+

L&B — LED Life rating

Earth connection and CLASS I insulation fixture.

Ceiling mount

Floating mount

Suspended by chain or steel cable

∞ Infinity Diffuser

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

QMS-LR40-EWBR-240319   QMS-LR80-EWBR-240319

Extras

Optional Extras.

Casambi bluetooth technology.
Bluetooth

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

LUMEN / WATT — Excellent Luminous Efficacy (Lm/W)

4kv — 4kV surge protection upgrade available

10kv — 10kV replaceable surge protection. module

.IES — IES files available.

Designed and Manufactured by **energywise®**

**Better Light
Through Research.**

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SABS APPROVED   ISO9001 CERTIFIED   GMP

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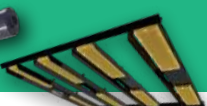
Standard
Height: 2.5 -8m
IP: 65
Temp: 40°C

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.