

ENERGYLINE 44

CUSTOMISED LIGHTING SYSTEM

Energyline 44 brings a wide range of optics, grazing and louvre solutions for delivering light where you need it, without compromising on customisation options including any length, mitres and custom finishes.

OUR APPROACH TO PRODUCT DESIGN

ATTENTION TO DETAIL

Designed for people to enjoy spaces, by people who care about visual comfort and wellbeing

Design life of 15+ years

Light tight end caps

Thorough quality assurance checks from start to finish

SUSTAINABILITY

The best way to be sustainable is to use a product that lasts.

High efficacy, up to 130lm/W

Sustainable aluminium

Recyclable packaging

RAPID INSTALLS

Quick and simple mounting systems reduce liability and ensure no LEDs are compromised

No need to remove the gear tray

Retain ESD compliance

Delivered in clearly labelled sections

NO BUGS INSIDE

Same great finish in 10 years as the day luminaires are installed

IP4x as standard

No dust ingress

Light leak and diffuser expansion control



We believe sustainability starts with products that are built to last, create real value and change the lives of those who use them.

Sustainable products reduce waste and provide synergy with our economy, environment and society.

Our 10 year warranty serves as a promise that our NZ made products are free from defects in materials and workmanship.



ENERGYLINE

customercare@energyline.net | +64 3 982 5284 | energyline.net

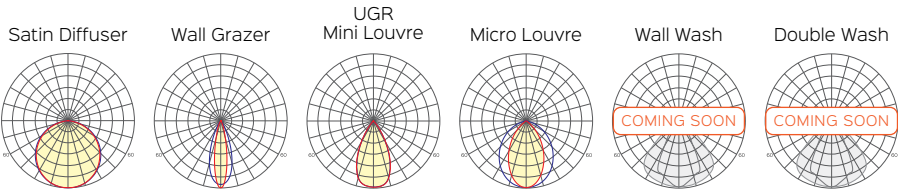
ENERGYLINE 44 DIRECT

SURFACE | SUSPENDED | WALL

The following steps explain how to specify your ENERGYLINE 44. This system offers high performance and full customisation capability.

STEP ①	②	③	④	⑤	⑥	⑦	⑧	⑨
Length (mm)	Mounting method	Direct Diffuser or Optic	Direct Lumens/m	% of Direct Lumens/m for Indirect*	CRI	CCT	Controls	Colour
Specify required length or attach a drawing	Ceiling Surface	Satin Diffuser	1000	30%	90	2700K	Fixed Output	Texture White
	Wall Mount	UGR Mini Louvre ⁴	1500	50%		3000K	DALI Dimming	White
	Wire Suspended	Micro Louvre	2000	100%		3500K	Casambi Wireless	Black Sand
	Rod - Flat Ceiling	Wall Grazer Optic	2500 ¹	Custom		4000K		
	Rod - Angle Ceiling	Wall Wash Optic	3000			Other	Other	Custom
	Rod and Wire	Double Wash Optic	Custom ²					
		Other						

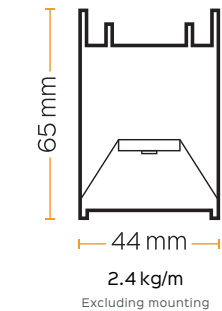
DISTRIBUTIONS



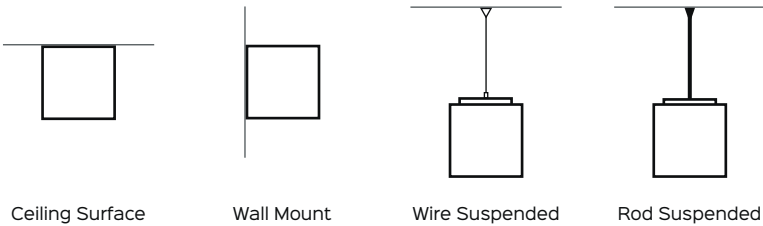
WATTAGE INFO³

LUMENS/m	WATTAGE (W/m)
1000	12.4
1500	18.7
2000	24.9
2500	31.1
3000	37.3

PROFILE DIMENSIONS



MOUNTING



IMPORTANT INFORMATION

EFFICACY	Up to 130 lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	L80 B10 > 102,000hrs L90 B10 52,000hrs
SWITCHING CYCLES	>100,000
IP PROTECTION	IP4X
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
FLICKER	PstLM ≤1.0 SVM ≤0.4
DESIGN LIFE	15+ years

FACTORY NOTES

- For information on upgrades/accessories, refer to our design guides
- ¹May utilise high output lumen package light engine, consult factory for details
- ²Custom outputs available on request
- Lumen maintenance values are calculated by IEC 62717:2014 incorporating (L) and (B). Allow 5% reduction in luminous flux for 3000K. Custom luminous fluxes available, consult factory.
- ³Estimates based on Dali dimmable 90Ra 4000K fittings with satin diffuser, values given are variable due to build configuration of lengths and drivers
- ⁴Mini Louvre shade supplied in black as standard, consult factory for other options
- ⁵Average installation time varies by mounting, excludes electrical terminations

Sustainability options:  Carbon Offsetting



ENERGYLINE

customer@energyline.net | +64 3 982 5284 | energyline.net

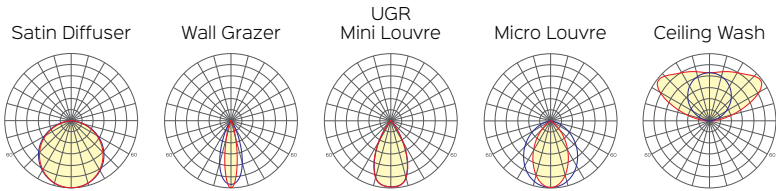
ENERGYLINE 44 DIRECT/INDIRECT

SUSPENDED | WALL

The following steps explain how to specify your ENERGYLINE 44. This system offers high performance and full customisation capability.

STEP ①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
Length (mm)	Mounting method	Direct Diffuser or Optic	Direct Lumens/m	Indirect Diffuser or Optic	% of Direct Lumens/m for Indirect*	CRI	CCT	Controls	Colour
Specify required length or attach a drawing	Ceiling Surface	Satin Diffuser	1000	Ceiling Wash	30%	90	2700K	Fixed Output	Texture White
	Wall Mount	UGR Mini Louvre ⁴	1500		50%		3000K	DALI Dimming	
	Wire Suspended	Micro Louvre	2000		100%		3500K	Casambi Wireless	Black Sand
	Rod - Flat Ceiling	Wall Grazer Optic	2500 ¹		Custom		4000K		
	Rod - Angle Ceiling	Wall Wash Optic	3000				Other	Other	Custom
	Rod and Wire	Double Wash Optic	Custom ²						
	Recessed	Other							

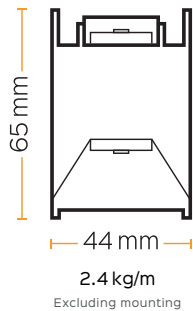
DISTRIBUTIONS



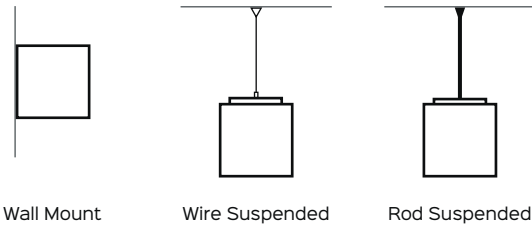
WATTAGE INFO³

LUMENS/m DIRECT	WITH 30% UP (W/m)	WITH 50% UP (W/m)
1000	15.2	17.1
2000	30.4	34.1
3000	45.6	51.2

PROFILE DIMENSIONS



MOUNTING



IMPORTANT INFORMATION

EFFICACY	Up to 130 lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	L80 B10 > 102,000hrs L90 B10 52,000hrs
SWITCHING CYCLES	>100,000
IP PROTECTION	IP4X
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
FLICKER	PstLM ≤1.0 SVM ≤0.4
DESIGN LIFE	15+ years

FACTORY NOTES

For information on upgrades/accessories, refer to our design guides

¹May utilise high output lumen package light engine, consult factory for details

²Custom outputs available on request

³For example, if 2000lm/m is selected for the down light component, 30% for the uplight will be 600lm/m; 50% for uplight will be 1000lm/m

Lumen maintenance values are calculated by IEC 62717:2014 incorporating (L) and (B). Allow 5% reduction in luminous flux for 3000K. Custom luminous fluxes available, consult factory.

⁴Estimates based on Dali dimmable 90Ra 4000K fittings with satin diffuser, values given are variable due to build configuration of lengths and drivers

⁴Mini Louvre shade supplied in black as standard, consult factory for other options

*Average installation time varies by mounting, excludes electrical terminations

Sustainability options:  Carbon Offsetting



ENERGYLINE

customer@energyline.net | +64 3 982 5284 | energyline.net