

ENERGYLINE 108

LIGHTING SYSTEM

Energyline 108 is a larger scale profile for open spaces and glare-free lighting.

108 is a highly customisable system, suited to larger scale spaces, providing lower luminance due to the wider luminous opening.

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 135lm/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

IP5x 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.



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ENERGYLINE 108 DIRECT

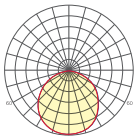
SURFACE | SUSPENDED | WALL

The following steps explain how to specify your ENERGYLINE 108. This system offers high performance and full customisation capability.

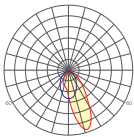
STEP ①	②	③	④	⑤	⑥	⑦	⑧
Length (mm)	Mounting method	Direct Diffuser or Optic	Direct Lumens/m	CRI	CCT	Controls	Colour
Specify required length or attach a drawing	Ceiling Surface	Satin Diffuser	1000	80	2700K	Fixed Output	Texture White
	Wall Mount	Wall Wash Optic	1500	90	3000K	DALI Dimming	Black Sand
	Wire Suspended	Double Wash Optic	2000	95	3500K	Casambi Wireless	Ano Silver
	Rod - Flat Ceiling	UGR Louvre: Black 80°	2500		4000K	Other	Custom
	Rod - Angle Ceiling	Other	3000 ¹		2700-6500 TW		
	Rod and Wire		3500 ¹		RGB+W		
			Custom ²		Other		

DISTRIBUTIONS

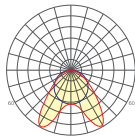
Satin Diffuser



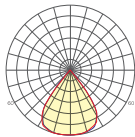
Wall Wash



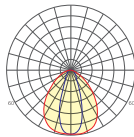
Double Wash



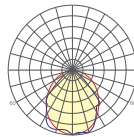
UGR Louvre



35° optic



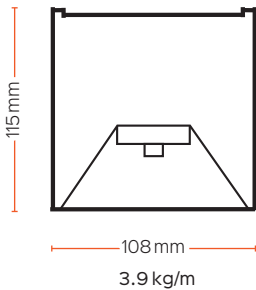
90° optic



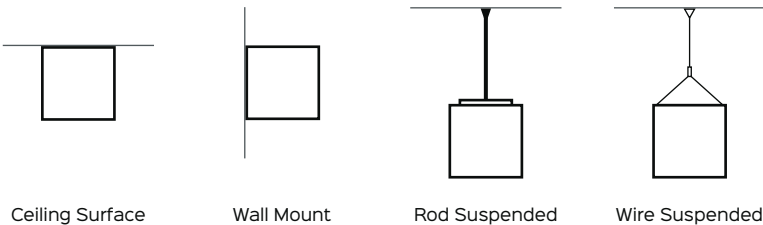
WATTAGE INFO³

LUMENS/m	WATTAGE (W/m)
1000	9.0
1500	12.0
2000	16.3
2500	20.8
3000	21.9
3500	26.4

PROFILE DIMENSIONS



MOUNTING



IMPORTANT INFORMATION

EFFICACY	Up to 135 Lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	Greater than L80 B10 >72,000 hours
SWITCHING CYCLES	>100,000
IP PROTECTION	IP5x
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
DESIGN LIFE	15+ years
COI CYONOSIS	<3.3 in 4000K CRI 90
MELONOPIC RATIO (MR)	Up to 1.1 in 6500K Tuneable White

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 80Ra fittings with satin diffuser, values given are variable due to build configuration of lengths and drivers



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ENERGYLINE 108 RECESSED

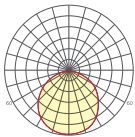
RECESSED

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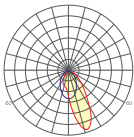
STEP ①	②	③	④	⑤	⑥	⑦
Length (mm)	Direct Diffuser or Optic	Direct Lumens/m	CRI	CCT	Controls	Colour
Specify required length or attach a drawing	Satin Diffuser	1000	80	2700K	Fixed Output	Texture White
	Wall Wash Optic	1500	90	3000K	DALI Dimming	Black Sand
	Double Wash Optic	2000	95	3500K	Casambi Wireless	Ano Silver
	35° Optic	2500		4000K	Other	Custom
	60° Optic	3000 ¹		2700-6500 TW		
	90° Optic	3500 ¹		RGB+W		
	Other	Custom ²		Other		

DISTRIBUTIONS

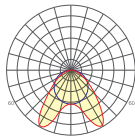
Satin Diffuser



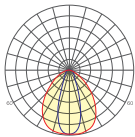
Wall Wash



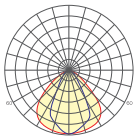
Double Wash



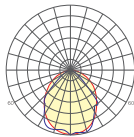
35° optic



60° optic



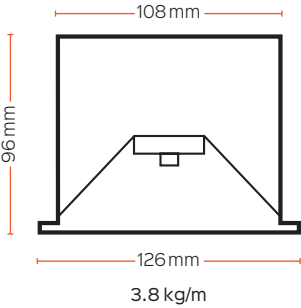
90° optic



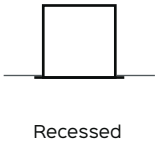
WATTAGE INFO³

LUMENS/m	WATTAGE (W/m)
1000	9.0
1500	12.0
2000	16.3
2500	20.8
3000	21.9
3500	26.4

PROFILE DIMENSIONS



MOUNTING



IMPORTANT INFORMATION

EFFICACY	Up to 135 Lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	Greater than L80 B10 >72,000 hours
SWITCHING CYCLES	>100,000
IP PROTECTION	IP5x
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
DESIGN LIFE	15+ years
COI CYONOSIS	<3.3 in 4000K CRI 90
MELONOPIC RATIO (MR)	Up to 1.1 in 6500K Tuneable White

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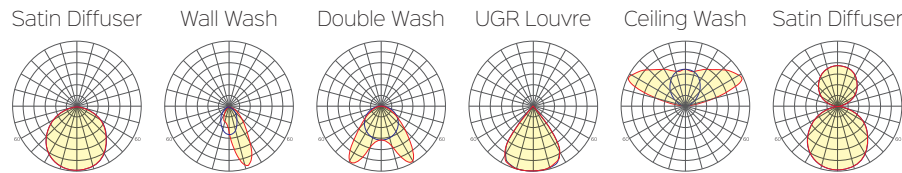
ENERGYLINE 108 DIRECT/INDIRECT

SUSPENDED | WALL

The following steps explain how to specify your ENERGYLINE 108. 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	Wall Mount	Satin Diffuser	1000	Satin Diffuser	30%	80	3000K	Fixed Output	Texture White
	Wire Suspended	Wall Wash Optic	2000		50%	90	3500K	DALI Dimming	
	Rod - Flat Ceiling	Double Wash Optic	3000 ¹	Ceiling Wash	100%	95	4000K	Casambi Wireless	Black Sand
	Rod - Angle Ceiling		Custom ²		Custom		2700-6500 TW		Ano Silver
	Rod and Wire	UGR Louvre: 80°					RGB+W	Other	
		Other					Other		Custom

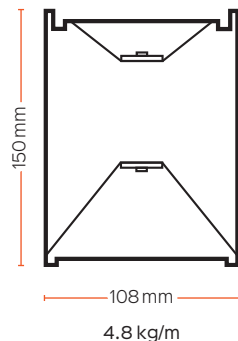
DISTRIBUTIONS



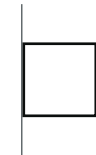
WATTAGE INFO³

LUMENS/m DIRECT	WITH 30% UP (W/m)	WITH 50% UP (W/m)
1000	12.1	14.1
2000	22.4	26.5
3000	31.1	37.2

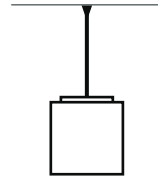
PROFILE DIMENSIONS



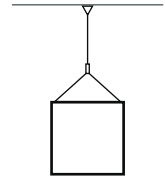
MOUNTING



Wall Mount



Rod Suspended



Wire Suspended

IMPORTANT INFORMATION

EFFICACY	Up to 120 Lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	Greater than L80 B10 >72,000 hours
SWITCHING CYCLES	>100,000
IP PROTECTION	IP5x
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
DESIGN LIFE	15+ years
COI CYONOSIS	<3.3 in 4000K CRI 90
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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

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