

ENERGYLINE

65

CUSTOMISED LIGHTING SYSTEM

Energyline 65 is packed full of features and redeveloped to deliver customisation in our best value platform. Energyline 65 is ideal for projects requiring controlled light distributions or microprism diffuser with ceiling wash optics for uniform ceiling illumination.

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 144lm/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

Accu-Join delivers seamless joins

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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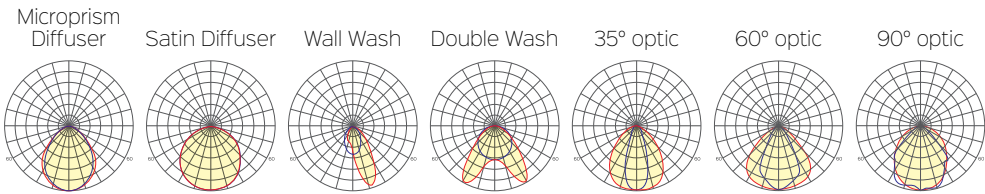
ENERGYLINE 65 DIRECT

SURFACE | SUSPENDED | WALL

These steps explain how to specify your ENERGYLINE 65. This system offers high performance and some 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	Microprism Diffuser	1000	80	2700K	Fixed Output	Texture White
	Wall Mount	Satin Diffuser	1250 ⁴	90	3000K	DALI Dimming	Black Sand
	Wire Suspended	Wall Wash Optic	1500	95	3500K	Casambi Wireless	Custom
	Rod - Flat Ceiling	Wall Grazer Optic	2000		4000K	Other	
	Rod - Angle Ceiling	Double Wash Optic	2500 ¹		Circadian ⁶		
	Rod and Wire	35° Optic	3000 ¹		2700-6500 TW		
		60° Optic	3500 ¹		RGB+W		
		Other	Custom ²		Other		

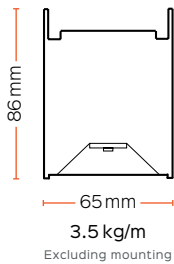
DISTRIBUTIONS



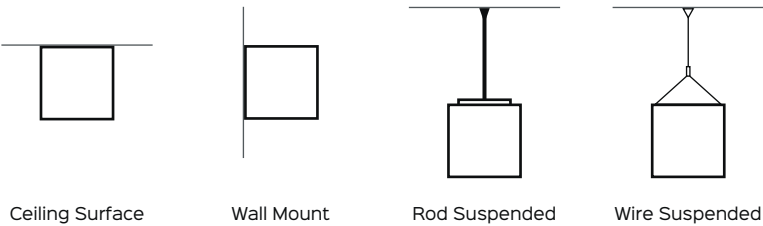
WATTAGE INFO³

LUMENS/m	WATTAGE (W/m)
1000	9.1
1250	11.4
1500	13.7
2000	18.2
3000	27.3

PROFILE DIMENSIONS



MOUNTING



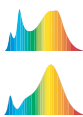
⁵Average install time 3-10 minutes per meter

IMPORTANT INFORMATION

EFFICACY	Up to 137 Lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	L80 B10 > 102,000hrs L90 B10 52,000hrs
SWITCHING CYCLES	>100,000
IP PROTECTION	IP5x
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
FLICKER	PstLM ≤1.0 SVM ≤0.4
DESIGN LIFE	15+ years
COI CYONOSIS	<3.3 in 4000K CRI 90 (if specified)

⁶CIRCADIEN - MELANOPIC SPECTRUM

	MR	M-DER	CCT
DAYTIME	0.9	0.81	4000k
NIGHTIME	0.46	0.41	2700k



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 4000K fittings with satin diffuser, values given are variable due to build configuration of lengths and drivers
- ⁴Microprism used in outputs up to 1250lm/m capable of UGR19 glare control
- ⁵Average installation time varies by mounting, excludes electrical terminations

Sustainability options: Carbon Offsetting Low Smoke Zero Halogen Declare Red List Approved



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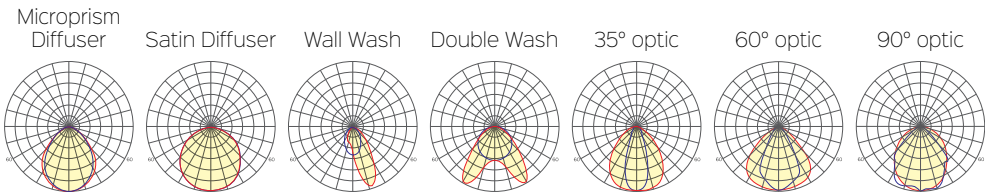
ENERGYLINE 65 RECESSED

RECESSED

These steps explain how to specify your ENERGYLINE 65. This system offers high performance and some customisation capability.

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	Microprism Diffuser	1000	80	2700K	Fixed Output	Texture White
	Satin Diffuser	1250 ⁴	90	3000K	DALI Dimming	Black Sand
	Wall Wash Optic	1500	95	3500K	Casambi Wireless	Custom
	Wall Grazer Optic	2000		4000K	Other	
	Double Wash Optic	2500 ¹		Circadian ⁶		
	35° Optic	3000 ¹		2700-6500 TW		
	60° Optic	3500 ¹		RGB+W		
	Other	Custom ²		Other		

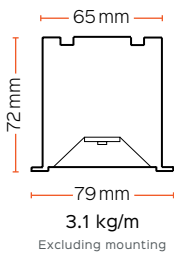
DISTRIBUTIONS



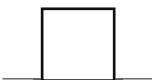
WATTAGE INFO³

LUMENS/m	WATTAGE (W/m)
1000	9.1
1250	11.4
1500	13.7
2000	18.2
3000	27.3

PROFILE DIMENSIONS



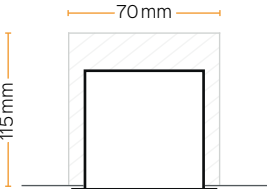
MOUNTING



Recessed

⁵Average install time 3-5 minutes per meter

REQUIRED MOUNTING CLEARANCE

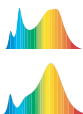


IMPORTANT INFORMATION

EFFICACY	Up to 137 Lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	L80 B10 > 102,000hrs L90 B10 52,000hrs
SWITCHING CYCLES	>100,000
IP PROTECTION	IP5x
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
FLICKER	PstLM ≤1.0 SVM ≤0.4
DESIGN LIFE	15+ years
COI CYONOSIS	<3.3 in 4000K CRI 90 (if specified)

⁶CIRCADIAN - MELANOPIC SPECTRUM

	MR	M-DER	CCT
DAYTIME	0.9	0.81	4000k
NIGHTTIME	0.46	0.41	2700k



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⁴Microprism used in outputs up to 1250lm/m capable of UGR19 glare control

⁵Average installation time excludes electrical terminations

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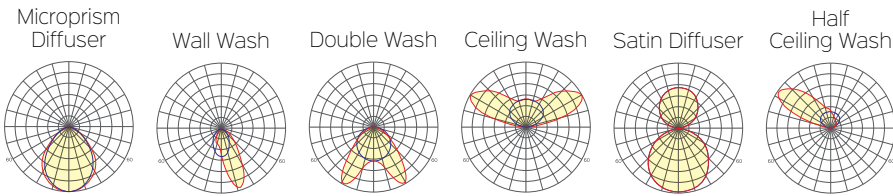
ENERGYLINE 65 DIRECT/INDIRECT

SUSPENDED | WALL

These steps explain how to specify your ENERGYLINE 65. This system offers high performance and some 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	Microprism Diffuser	1000	Satin Diffuser	30%	80	3000K	Fixed Output	Texture White
	Wire Suspended		1250 ⁴		50%	90	3500K	DALI Dimming	
	Rod - Flat Ceiling	Satin Diffuser	1500	Ceiling Wash	100%	95	4000K	Casambi Wireless	Black Sand
	Rod - Angle Ceiling	Wall Wash Optic	2000		Custom	Circadian ⁶			
	Rod and Wire	Double Wash Optic	2500	Half Ceiling Wash			2700-6500 TW	Other	Custom
			3000 ¹						
			Other		Custom ²				
							RGB+W		
							Other		

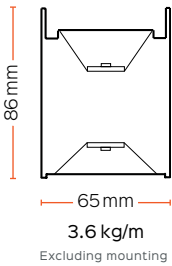
DISTRIBUTIONS



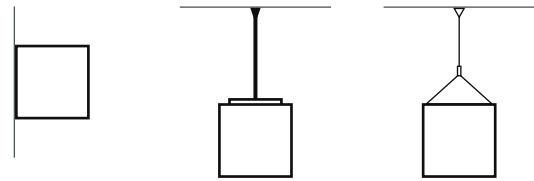
WATTAGE INFO³

LUMENS/m DIRECT	WITH 50% UP (W/m)	WITH 100% UP (W/m)
1000		16.6
2000	25.9	33.2
3000	38.9	49.7

PROFILE DIMENSIONS



MOUNTING



Wall Mount Rod Suspended Wire Suspended

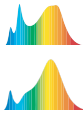
⁴Average install time 3-10 minutes per meter

IMPORTANT INFORMATION

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LIFETIME	L80 B10 > 102,000hrs L90 B10 52,000hrs
SWITCHING CYCLES	>100,000
IP PROTECTION	IP5x
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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
- 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 80Ra 4000K fittings with satin diffuser and ceiling wash, values given are variable due to build configuration of lengths and drivers
- ⁵Microprism used in outputs up to 1250lm/m capable of UGR19 glare control
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