



LIGHTING SYSTEM

Energyline Robust uses a 75mm wide system to enable architectural lines in exterior applications, with IP65 and IK08 protection.

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

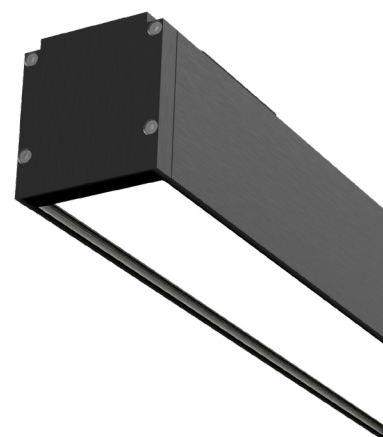
SUSTAINABILITY

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

High efficacy, up to 110lm/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

Water resistant plug and play joining system

NO BUGS INSIDE

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

IP65 IK08 protection

No dust ingress

Light leak 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 ROBUST DIRECT

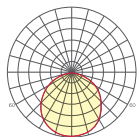
SURFACE | SUSPENDED

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

STEP ①	②	③	④	⑤	⑥	⑦	⑧	⑨
Length (mm)	Mounting method	Direct Diffuser	Direct Lumens/m	CRI	CCT	Controls	Colour	Corrosion Protection
Specify required length or attach a drawing Single sections available in lengths up to 2850mm. Longer lengths supplied as abutted sections.	Ceiling Surface	Polycarbonate Diffuser	1000	80	3000K	Fixed Output	Texture White	Standard ⁵
	Rod - Flat Ceiling ¹		2000	90	3500K	DALI Dimming	Black Sand	Extreme
	Rod - Angle Ceiling ¹		3000 ²	95	4000K	Casambi Wireless	Custom	
			Custom ³		2700-6500 TW	Other		
					Other			

DISTRIBUTIONS

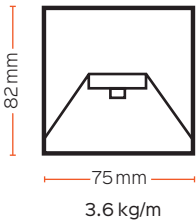
Polycarbonate Diffuser



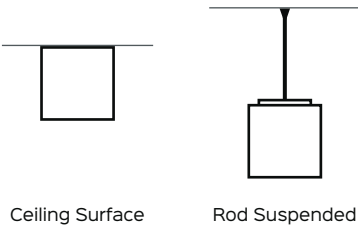
WATTAGE INFO⁴

LUMENS/m	WATTAGE (W/m)
1000	9.6
2000	19.2
3000	28.8

PROFILE DIMENSIONS



MOUNTING



IMPORTANT INFORMATION		FACTORY NOTES	
EFFICACY	Up to 110 Lm/W	¹ Supplied with one meter rod suspensions as standard	
COLOUR	Consistent light quality within 3 MacAdams	² May utilise high output lumen package light engine, consult factory for details	
LIFETIME	Greater than L80 B10 >72,000 hours	³ Custom outputs available on request	
SWITCHING CYCLES	>100,000	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.	
IP PROTECTION	IP65	⁴ Estimates based on Dali dimmable 80Ra fittings with polycarbonate diffuser, values given are variable due to build configuration of lengths and drivers	
WARRANTY	10 years	Power feed at end of luminaire via IP68 entry point	
LIFETIME DRIVER	>100,000 hrs (standard outputs)	Robust is a direct only profile and must be installed with diffuser facing downwards	
DESIGN LIFE	15+ years	Should not be fully immersed in water, subjected to intense hose downs as part of a cleaning regime or installed in direct sunlight	
		⁵ Standard corrosion protection based on installation minimum 100m from high tide mark	



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ENERGYLINE ROBUST RECESSED

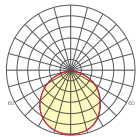
RECESSED

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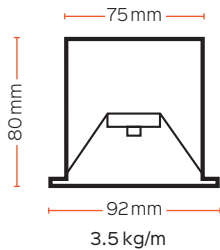
Polycarbonate Diffuser



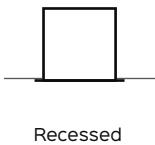
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