

ENERGYLINE

ROBUST

OPTIMISED LIGHTING SOLUTION

Energyline Robust uses a 75mm wide system to enable architectural lines in exterior applications, supplied in IP65 with IK08 or IK10 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 142lm/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 with IK08 or IK10 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.



ENERGYLINE

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Version 4.5 - 3/09/2026

ENERGYLINE ROBUST- IK08

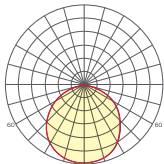
SURFACE | SUSPENDED | RECESSED | WALL

These steps explain how to specify your ENERGYLINE Robust. This system delivers all of our core product values in solutions optimised for manufacturing and installation.

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 2800mm. Longer lengths supplied as abutted sections.	Ceiling Surface	Polycarbonate Diffuser	1000	80	2700K	Fixed Output	Texture White	Standard ³
	Rod - Flat Ceiling ¹		1500	90	3000K	DALI Dimming	Black Sand	Extreme
	Rod - Angle Ceiling ¹		2000		3500k	Casambi Wireless		
	Recess		2500 ¹		4000k			
	Wall		3000 ¹		Tuneable White			
			3500 ¹					

DISTRIBUTIONS

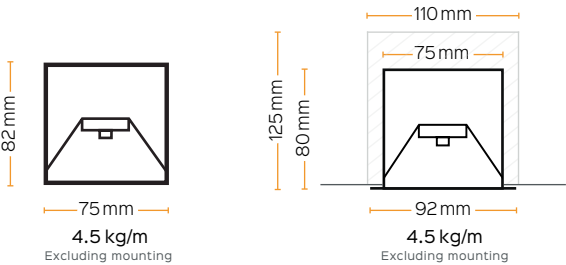
Polycarb Diffuser



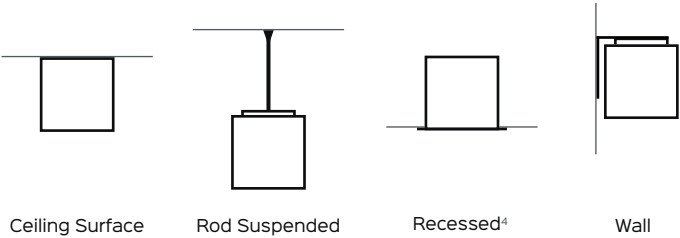
WATTAGE INFO²

LUMENS/m	WATTAGE (W/m)
1000	9.1
2000	18.2
3000	27.2

PROFILE DIMENSIONS AND REQUIRED RECESS MOUNTING CLEARANCE



MOUNTING



IMPORTANT INFORMATION

EFFICACY	Up to 125 Lm/W
COLOUR	Consistent light quality within 3 MacAdams
LIFETIME	L80 B10 > 102,000hrs L90 B10 52,000hrs
SWITCHING CYCLES	>100,000
IP PROTECTION	IP65
WARRANTY	10 years
LIFETIME DRIVER	>100,000 hrs (standard outputs)
FLICKER	PstLM ≤1.0 SVM ≤0.4
DESIGN LIFE	15+ years
COI CYANOISIS	<3.3 in 4000K CRI 90 (if specified)

FACTORY NOTES

¹May utilise high output lumen package light engine, consult factory for details
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.
²Estimates based on Dali dimmable 80Ra 4000K fittings with polycarbonate diffuser, values given are variable due to build configuration of lengths and drivers
Power feed at end of luminaire via IP68 entry point
Lengths are manufactured to a tolerance ± 1mm/m
Robust is a direct only profile and must be installed with diffuser facing downwards
Should not be fully immersed in water, subjected to intense hose downs as part of a cleaning regime or installed in direct sunlight
³Standard corrosion protection requires installation to be more than 100m from high tide mark. Extreme corrosion protection installation to be more than 10m from high tide mark.
⁴Due to nature of recessed mechanism, flat ceiling required for seamless installation

Sustainability options:



Carbon Offset



Low Smoke
Zero Halogen



CASAMBI



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ENERGYLINE ROBUST- IK10

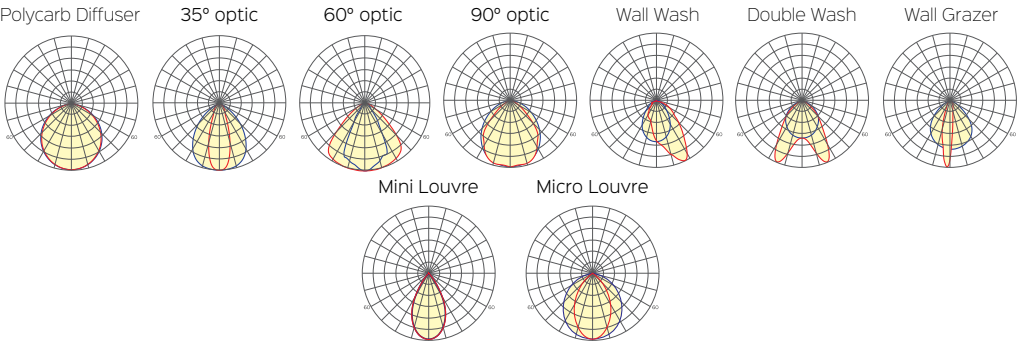
SURFACE | SUSPENDED | RECESSED | WALL

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STEP ①	②	③	④	⑤	⑥	⑦	⑧	⑨
Length (mm)	Mounting method	Direct Diffuser or Optic	Direct Lumens/m	CRI	CCT	Controls	Colour	Corrosion Protection
Specify required length or attach a drawing	Ceiling Surface	Polycarb Diffuser	1000	80	2700K	Fixed Output	Texture White	Standard ³
	Rod - Flat Ceiling ¹	Wall Wash Optic	1500	90	3000K	DALI Dimming	Black Sand	Extreme
	Rod - Angle Ceiling ¹	Double Wash Optic	2000		3500K	Casambi Wireless		
Single sections available in lengths up to 2400mm. Longer lengths supplied as abutted sections.	Recess	Wall Grazer Optic	2500 ¹		4000K	Other		
	Wall	35° 60° 90° optic	3000 ¹		Tuneable White			
		Mini Louvre	3500 ¹					
		Micro Louvre						

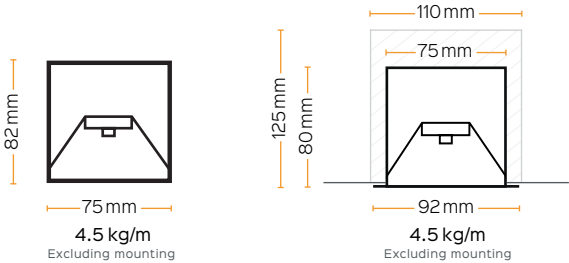
DISTRIBUTIONS

WATTAGE INFO²

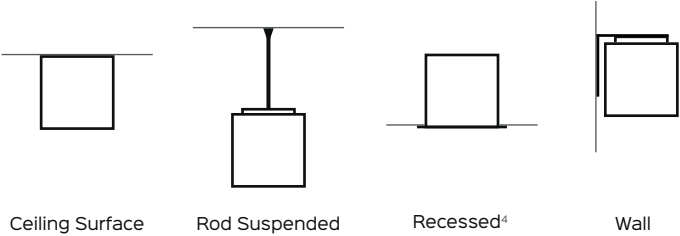


LUMENS/m	WATTAGE (W/m)
1000	8.3
2000	16.7
3000	25.0

PROFILE DIMENSIONS AND REQUIRED RECESS MOUNTING CLEARANCE



MOUNTING



IMPORTANT INFORMATION

EFFICACY	Up to 125 Lm/W
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