

ENERGYLINE 108S



UP TO 131 lm/W

LED

no compromise



warranty

60598



ASNZS

IP50



Manufacture

Energyline 108S is custom manufactured in New Zealand from locally extruded aluminium and the latest European electronic components. Lengths are made to order with various output options.

Installation

Installation is by surface mount to ceiling or wall with Energyline bracket or luminaires can be suspended on threaded rod or wire suspensions. Installation does not require internal access to the luminaire.

Connection

Electrical connection is by Energyline flex with ceiling rose for suspended luminaires or recessed flush box for surface mount luminaires.

How to Specify

Follow the steps below to specify your requirements, or talk to Energylight for custom requirements.

STEP 1: Select Code/Colour	STEP 2: Select Length (mm)	STEP 3: Select lumen/m	STEP 4: Select colour temperature & CRI	STEP 5: Select Control	STEP 6: Select Installation	STEP 7: Select Extras
108S-SL (silver ano)	Specify required length	1100	4000K 80Ra	Fixed Output	Ceiling Surface	LED Downlight
108S-WH (white)		1700	3000K 80Ra	DALI Dimmable	Wall Surface	Emergency (see p6)
108S-BL (black)		2300	4000K 90Ra		Rod Suspension	DALI Sensor
		3000	3000K 90Ra		Wire Suspension	
			Tunable White (TW)			

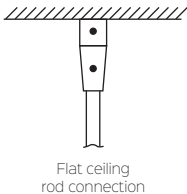
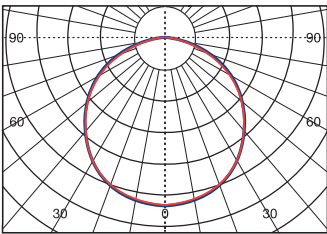
Lumen output and power consumption

lm/m*	W/m	Efficacy (lm/W)	L80 B10
1100	9	125	> 60,000h
1700	13	127	> 60,000h
2300	19	122	> 60,000h
3000	23	131	> 60,000h
2000 (TW)	23	86	50,000h

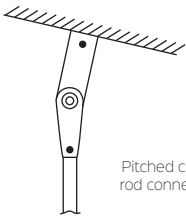
* Luminous flux, power and efficacy based on 4000K CRI 80Ra 1120mm test. Allow 5% reduction in luminous flux for 3000K. Custom luminous fluxes available, consult factory.

Light and Lifetime

Luminous flux is within 3 MacAdams. LED lumen maintenance values are calculated by IEC 62717:2014 incorporating lumen maintenance (L) and (B).



Flat ceiling
rod connection



Pitched ceiling
rod connection

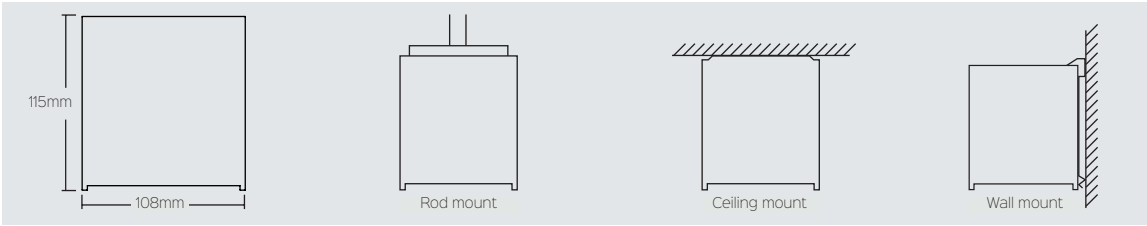
IP54
OPTIONAL

MAX CONTINUOUS
LENGTH OF 4500MM

Rod suspension



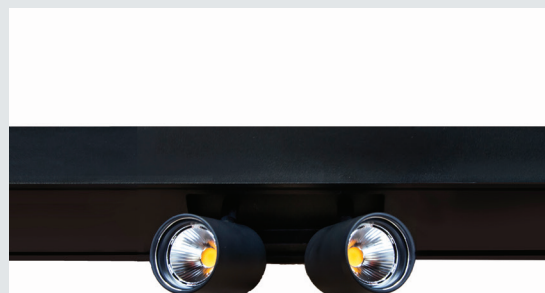
Wire suspension





DOWNLIGHT

- ▶ 22° beam
- ▶ 3000K, CRI 90
- ▶ L70 50,000 hr
- ▶ 355lm each
- ▶ Switched / DALI



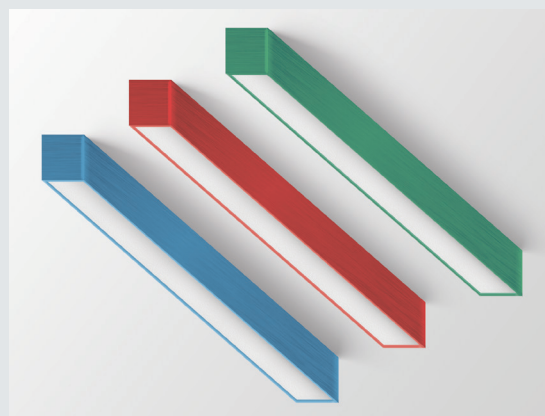
SPOTLIGHT

- ▶ Single or Twin
- ▶ 22° beam
- ▶ 3000K
- ▶ Custom colour optical rings
- ▶ 1200lm each
- ▶ L70 55,000 hrs
- ▶ Switched / DALI



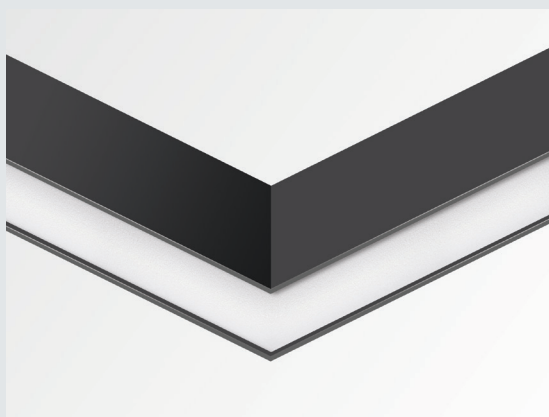
CUSTOM LUMEN OUTPUTS

- ▶ Custom lumen output options
 - ▶ Variable direct / indirect %
- NOTE: Consult factory for options & photometry



CUSTOM COLOUR

- ▶ Customise Energyline to a colour of your choice
- NOTE: Consult factory prior to selection



MITRE

- ▶ 45° - 179° standard mitre
- ▶ < 45° consult factory
- ▶ Mitre corners welded, pressed & powder coated



CROSS

- ▶ 90° Standard
- ▶ Custom angle consult factory
- ▶ Intersection welded, pressed & powder coated



T SHAPE

- ▶ 90° standard
- ▶ Custom consult factory
- ▶ Intersection welded, pressed & powder coated



WALL INTERSECTION

- ▶ Supplied in 2 sections
- ▶ Complex details, consult factory



QUICK FIX SURFACE

- ▶ Allows for uneven ceiling surface, simple install and mounting close to adjacent walls
- ▶ Minimum ceiling clearance
- ▶ No internal access required



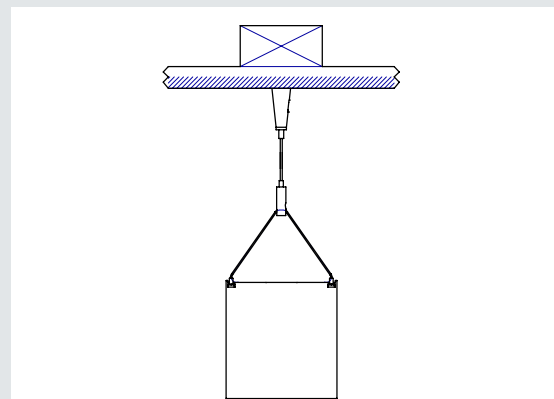
WALL MOUNT BRACKET

- ▶ 75H
- ▶ 108H
- ▶ Bracket with internal fixing
- ▶ No removal of gear tray required
- ▶ Remove diffuser with tool



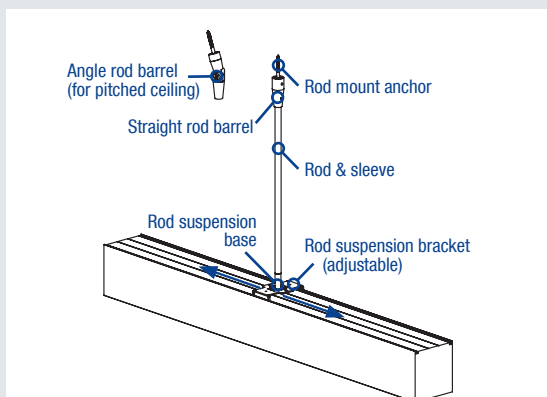
QUICK FIX WALL

- ▶ 55H
- ▶ 75S
- ▶ External locking bar
- ▶ 55S
- ▶ 108S
- ▶ No internal access required



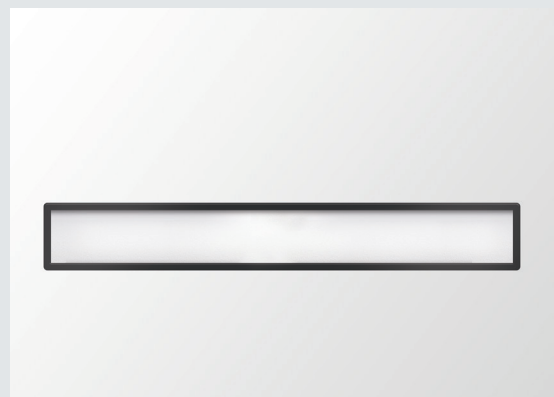
QUICK FIX WIRE

- ▶ Easy installation
- ▶ No internal access required
- ▶ Minimum impact



ROD SUSPENSION SYSTEM

- ▶ 6mm rod
- ▶ Up to 6m drop
- ▶ Seismic wire attachments
- ▶ No internal access required
- ▶ Colour matched to fixture



QUICK FIX RECESS

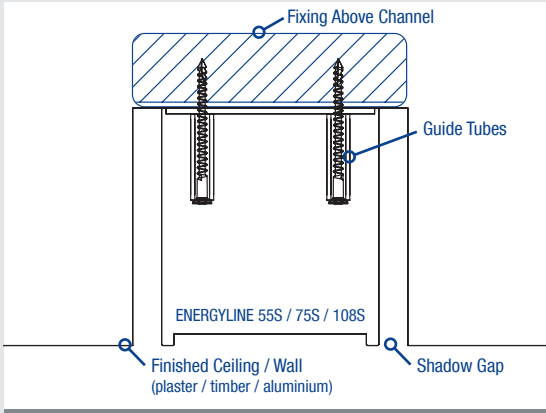
- ▶ Custom mounting options available. Consult factory
- ▶ No removal of gear tray required
- ▶ Remove diffuser with tool



WAGO JUNCTION BOX INCLUDED

RECESSED CEILING ROSE

- Smooth look
- Multiple core
- Includes WAGO terminal box



QUICK FIX CHANNEL

- Removal of diffuser with tool
- Fixed mounting points
- No removal of gear tray required
- Consult factory



Design emergency lighting with Clevertronics Lifelight Pro integrated to Energyline with the certainty of compliance. Lifelight Pro integration to Energyline has passed independent testing to AS/NZS:2293 and extensive inhouse testing at Clevertronics Australia for long life battery.

Compliant in all Energyline 75 and 108 luminaires. Minimum length applies, consult factory.

Emergency Light	Lifelight™ Pro light (non-maintained)
AS/NZ:2293 Classification	CO = D63 C90 = D63
Battery	LP Premium Lithium Iron Phosphate battery
Monitoring	Manual test DALI Clevertest Zoneworks
IP	20
Colour	White Energyline = white head Black Energyline = black head Silver Energyline = white head Custom Colour Energyline = white or black head
Warranty and lifetimes	Battery <ul style="list-style-type: none"> • 2 year warranty • 7 year design lifetime Controller <ul style="list-style-type: none"> • 2 year warranty • 100,000 hour lifetime

Alternative options available on request. Subject to compliance by others. Consult factory.