



DESIGN INTENTION

For added protection (above our standard IP5x protection) Energyline is available in IP54 for added protection from water.

IP54 rated Energyline is perfect for lighting in bathrooms, under retail canopies or other exterior canopies where there is protection from rain or pressure washing.

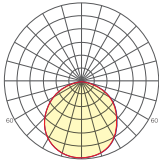
DESIGNING IN ENERGYLINE 55, 75 OR 108

PROFILE	55, 75 and 108 in direct only profiles
MOUNTING	Surface Mount via Bracket system Suspended via Wire or Rod Recessed Wall Mount via Bracket
LENGTHS	Maximum section length up to 4600mm (NZ) or 2850mm (AUS) Long lengths achieved with abutted sections with separate power feeds as standard
DIRECT LIGHTING	Satin Diffuser
IMPACT PROTECTION	IK08 option available

FACTORY NOTES

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

Light Distribution --



IP54 PROTECTION

The IP (international protection - IEC standard 60529) standard establishes the resistance of a product against the intrusion of solid particles (such as parts of the body and dust) as well as liquids.

First Characteristic Numeral	DEGREE OF PROTECTION AGAINST SOLID BODIES E.G. DUST		Second characteristic numeral	DEGREE OF PROTECTION AGAINST INGRESS OF WATER	
	Short Description	Brief Details of Objects which will be "Excluded" from the Enclosure		Short description	Details of the type of protection provided by the enclosure
0	Non-protected	No special protection	0	Non-protected	No special protection
1	Protected against solid objects greater than 50mm	A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter.	1	Protected against dripping water	Dripping water (vertically falling drops) shall have no harmful effect
2	Protected against solid objects greater than 12mm	Fingers or similar objects not exceeding 80mm in length. Solid objects exceeding 12mm in diameter.	2	Protected against dripping water when tilted up to 15°	Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position
3	Protected against solid objects greater than 2.5mm	Tools, wires, etc of diameter or thickness greater than 2.5mm. Solid objects exceeding 2.5mm in diameter.	3	Protected against spraying water	Water falling as a spray at an angle of up to 60° from the vertical shall have no harmful effect
4	Protected against solid objects greater than 1.0mm	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment	4	Protected against splashing water	Water splashed against the enclosure from any direction shall have no harmful effect
5	Dust-protected	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment			

ENERGYLINE

customer@energyline.net | +64 3 982 5284 | energyline.net