

## ALINYA AYS

## ALW-F68 - SURFACE MOUNT EXTRUSION ASYMMETRIC DISTRIBUTION



This Australian designed, manufactured and assembled extrusion is devised to be mounted in hallways and corridors, enabling light to be directed onto the side walls.

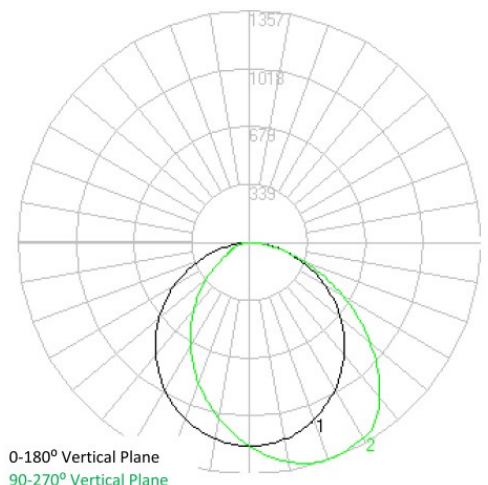
The extrusion thus provides unobtrusive illumination to the entire space without causing confrontation or visual discomfort for any occupants, particularly patients in a prone position in healthcare applications.

The Alinya AYS is available in length increments of 560mm, 140mm, and 70mm. This ensures we can manufacture to exact lengths, with minimal shadowing at the ends of the fitting.

Also available with tunable white or cyanosis LED componentry and is available in several finishes and mounting applications.

## PRODUCT SPECIFICATIONS

<b>Lumens per Metre:</b>	Variable 700Lm/m - 2800Lm/m (See Table)
<b>Efficacy:</b>	148Lm/W
<b>CCT:</b>	3000K / 4000K
<b>CRI:</b>	Ra>80
<b>Beam Angle:</b>	120 Degrees
<b>Dimming:</b>	On/Off / DALI
<b>Material:</b>	Aluminium
<b>Diffuser:</b>	Opal Polycarbonate
<b>Colour:</b>	White / Black
<b>IP Rating:</b>	IP44
<b>Mounting:</b>	Surface Mount
<b>Lifetime:</b>	>72,000 hours (L90B50+L80B10)



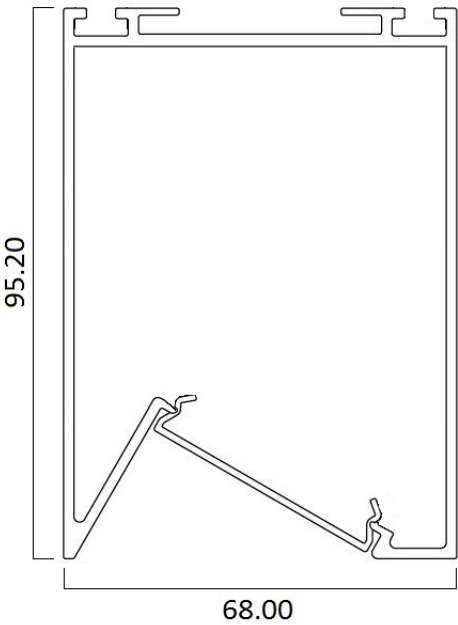
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### CODING MATRIX

Extrusion Type	CCT	Colour	Dimming
ALW-F68 Surface	-3K 3000K	-BK Black Powder Coat	(Blank) Non-Dimming
	-4K 4000K	-WT White Powder Coat	
		-GR Grey Powder Coat	
		-AN Anodised	
	-TW Tunable White 2700-6500K		-DA DALI

### DIMENSIONAL DIAGRAM



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### TUNABLE WHITE

The Alinya tunable white option allows CCT variation from 2700K - 6500K. Quality Lumiled chips are used in all of our boards.

Osram tunable drivers are controlled using DALI device type 8, for complete colour control using a single DALI address per driver.



### LENGTH INCREMENTS

The LED PCB boards come in length increments of 560mm, 140mm, and 70mm. This ensures we can manufacture to exact lengths.

Coupled with a best-in-class reflector and diffuser combination, any potential for shadowing on the diffuser is eliminated.



### ALINYA ASYMMETRIC SERIES PHOTOMETRIC DATA

Alinya series products can be manufactured specifically to any lumen output as required to meet project specifications.

This table shows performance characteristics for a typical low output and high output configuration.

Alinya Ays 68 Series 4000K Ra>80					
Electrical & Photometric					
If (Forward Current)	280mA	350mA	420mA	480mA	550mA
Lumen/m	1418Lm/m	1757Lm/m	2098Lm/m	2395Lm/m	2836Lm/m
Power/m	11.4W	14.3W	17.2W	19.8W	23.7W
Efficacy	124Lm/W	123Lm/W	122Lm/W	121Lm/W	120Lm/W
Max Linkable Length	5600mm	4620mm	3780mm	3360mm	2800mm
TM-21 Calculations					
L70B50 Calculated	254,800				
L70B50 Reported	>72,000				
L70B10 Calculated	126,000				
L70B10 Reported	>72,000				
L90B50 Calculated	80,200				
L90B50 Reported	>72,000				