

ALINYA F 68

ALN-F68 - SURFACE MOUNT LED EXTRUSION

Elegant & Bespoke

The Alinya range from Vision Lighting enriches a space with clean, unobtrusive illumination. Incorporating a unique reflector and diffuser system the Alinya F 68 provides an even light distribution and efficacy of 148Lm/W.

Quality internal componentry, ensure a high lifetime, and reduced maintenance cost.

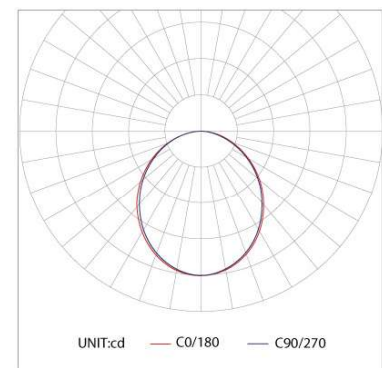
Manufactured in-house by Vision Lighting, the Alinya range is available in custom lengths and angles as required, with an expedient turnaround.

Designed for surface mounting, the Alinya F 68 is the perfect complement for education, hospital, and office lighting applications.



PRODUCT SPECIFICATIONS

ALN-F68	
Wattage:	10W/m - 28W/m
Efficacy:	148Lm/W
CCT:	3000K / 4000K
Dimming:	DALI available
Material:	Extruded Aluminium
Diffuser:	Opal Polycarbonate
Reflector:	Ultra-white Polycarbonate
IP Rating:	IP44
Mounting:	Surface Mount



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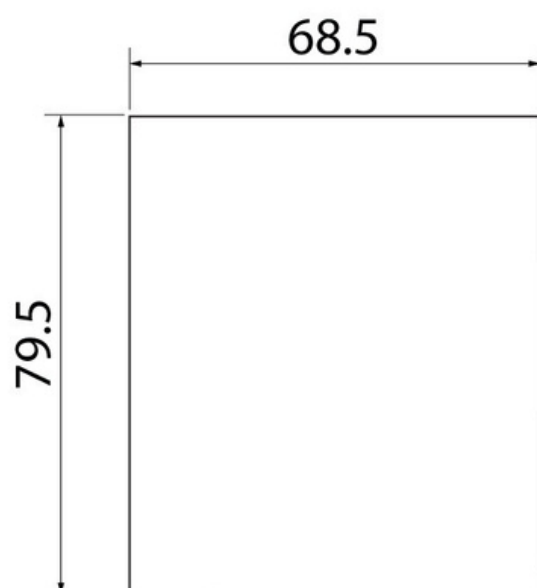
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CODING MATRIX

Family	Power	Lm (3K9)	Lm (4K9)	CCT/CRI	Colour	Dimming
ALN-F68 Surface mount	-10W	1207	1076	3K9 3000K CRI90	WT White	(Blank) Non-Dimmable
	-15W	1846	1646	4K9 4000K CRI90	BK Black	-DA DALI
	-20W	2338	2084			
	-25W	2813	2507			
	-30W	3436	3025			

(Lumens per metre)

DIMENSIONAL DIAGRAM



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.



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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 68 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 68 Series 4000K Ra>80					
Electrical & Photometric					
If (Forward Current)	280mA	350mA	420mA	480mA	550mA
Lumen/m	1749Lm/m	2171Lm/m	2597Lm/m	2949Lm/m	3499Lm/m
Power/m	11.4W	14.3W	17.2W	19.8W	23.7W
Efficacy	153Lm/W	152Lm/W	151Lm/W	149Lm/W	148Lm/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		

OPTIONAL ACCESSORIES

Alinya extrusion is available with both emergency spittfires and sensors in-built. Spittfires compliant to AS2293. Either DALI or mains switching sensors are available.

