VL5 Nano

Specification code: AP-SL-VL5N-[CCT]

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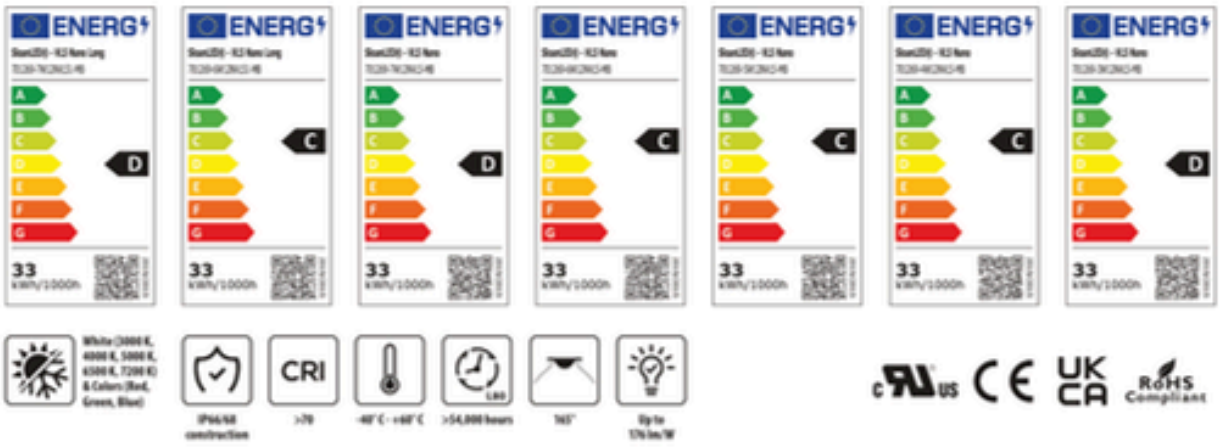

UK distributor

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Discuss your project with our Applelec Projects team:
applelecprojects.co.uk | projects@applelec.co.uk | 01274 77 44 77

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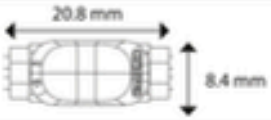
Specifications

MODEL	LEDS	L x W x H	OPTIMAL CAN DEPTH
Nano & Nano Long (12VDC)	1	20.8 mm x 8.4 mm x 8.6 mm	25 - 55 mm

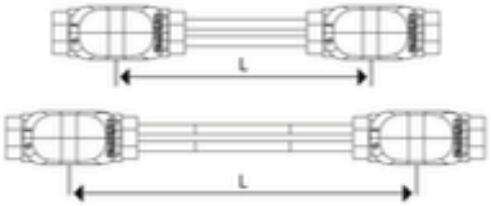


MODEL	MODS/M	CCT/NM	PART NUMBER	CRI	POWER/MOD	LUMENS/MOD (NOMINAL)	EFFICACY	MODS/CHAIN	PACKAGING
Nano	25	3000 K	701269-3WT2NVL5-MB	>70	0.22 W	35	Up to 176 lm/W	150	6.0 m (150 modules) per daisy chain, 7 bags per carton
		4000 K	701269-4WT2NVL5-MB			38			
		5000 K	701269-5WT2NVL5-MB			38			
		6500 K	701269-6WT2NVL5-MB			39			
		7200 K	701269-7WT2NVL5-MB			38			
		Red (625 nm)	701269-RD12NVL5-MB		0.13 W	4.9	38 lm/W		
		Green (527 nm)	701269-GR12NVL5-MB			13.5	104 lm/W		
		Blue (470 nm)	701269-BL12NVL5-MB			3.0	23 lm/W		
Nano Long	18.2	6500 K	701269-6WT2NVL51-MB	>70	0.22 W	39	Up to 176 lm/W	150	8.3 m (150 modules) per daisy chain, 7 bags per carton
		7200 K	701269-7WT2NVL51-MB						

Module spacing

Nano (12VDC) ..... 40 mm maximum module spacing, 19.2 mm wire length

Nano Long (12VDC) ..... 55 mm maximum module spacing, 34.2 mm wire length



Viewing angle ..... 165°

Operating temperature ..... -40° C to +60° C

Optional dimming ..... 0-10 V, PWM, and resistor dimming via SloanLED dimmable drivers

Fastening ..... Peel-n-stick

Protection class ..... IP66/68 construction

Binning ..... 3-Step MacAdam Ellipse

Wire gauge ..... 22 AWG

Lifetime rating ..... >54,000 hours

Warranty ..... Life of Sign / 10-year limited labor

Power Supply Capacity

12 VDC POWER SUPPLY	VL5 NANO White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	VL5 NANO Red, Green, Blue	VL5 NANO LONG White (7200 K, 6500 K)
30 W	5.0 m / 125 mods	8.3 m / 207 mods	6.9 m / 125 mods
60 W	10.0 m / 250 mods	16.6 m / 415 mods	13.8 m / 250 mods

Luminous Intensity Distribution

Density Guidelines

SIZE	CAN DEPTH	MM ON CENTER STANDARD FACE	MM ON CENTER DARK VINYL	MM ON CENTER PERF. VINYL	WATTS PER MODULE	MODS PER M² STANDARD FACE	MODS PER M² DARK VINYL
Nano (Face-lit) Whites	40 mm	40	30	20	0.22	625.0	833.3
	50 mm	60	Test	Test		416.7	Test
Nano (Face-lit) Colors	40 mm	40	30	20	0.13	625.0	833.3
	50 mm	60	Test	Test		416.7	Test
Nano (BlockLED)*	30 mm	45	Test	Test	0.22	555.6	Test

* 30 mm BlockLED; 12 mm routed out, indirect illumination (modules facing white reflective backtray). Single row coverage 50 mm.

Notes:

- Test results based on Plexiglas WW071 3 mm acrylic, 30% translucency.
- It is recommended that you first test LED density in sample letters/cabinet to evaluate brightness, uniformity and color.
- Should you have questions or require assistance in testing, please contact your SloanLED customer service representative.
- > Symbol represents greater than. < Symbol represents less than. ≥ Symbol represents greater than or equal to.
- For multiple rows, calculate half of the row spacing given from the table and start first row offset that distance from return.
- Products can be used in can depths deeper or shallower than listed above, but testing is recommended.

These guidelines are intended to provide only an approximation of product required for your sign, assuming an optimal balance of performance and cost. SloanLED is not responsible for the actual results based on the use of these guidelines.