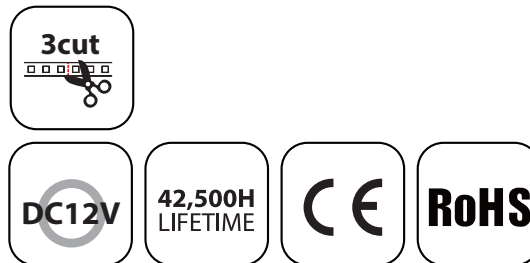




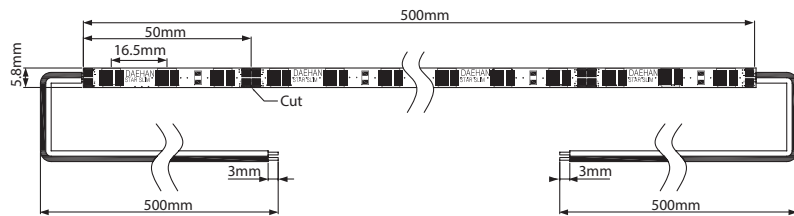
**RIGID LED BAR**



- Guaranteed lifetime up to 42,500 hours with 70% lighting output  
\*24 hour constant load may result less operating hours with lower lighting output. Estimated lifetime is based on normal usage of 10 hours per day.
- Uniform color temperature by strictly controlled system
- Efficiently balanced structure
- Extremely small and light solution for low-profile lighting panels
- Energy efficient
- Easy on-site installation
- Can be cut and rejoined every 3 LED lamps

**PHYSICAL**

Length : 500mm  
 Width : 5.8mm  
 Thickness : 3mm  
 Weight : 20g  
 Lamp Pitch : 16.5 mm



**OPTICAL CHARACTERISTICS**

Model	Luminous Intensity (lm)			Color Temperature (Kelvin)			Viewing Angle 2θ <sub>1/2</sub>
	Min	Typical	Max	Min	Typical	Max	
SLIM N050 CW	500	560	610	9,000K	10,000K	11,000K	120
SLIM N050 DW	500	560	610	5,000K	6,500K	7,000K	120
SLIM N050 WW	470	530	580	2,700K	3,000K	3,200K	120

\*CRI (Color Rendering Index) for white product types is 70 / \*Spectral width at half of the peak intensity / \*Luminous Flux measuring equipment is CAS140B  
 \*Viewing angle is the off axis angle from lamp centerline where the luminous intensity is half of the peak value / \*CCT 5% tester tolerance  
 \*Dominant wavelength is derived from the CIE 1931 Chromaticity diagram and represents the perceived color  
 \*Color temperature for white is strictly controlled by bin rank system and it consists of three ranks which should not be used simultaneously.  
 \*Available colors : red, green, blue

**PHYSICAL**

Model	Current Dissipation	Power Consumption	Operating Power	Maximum Serial Connection
SLIM N050	550mA	6.60W	DC12V	2EA (1 Meter)

Electronic dimming control supported

**THERMAL**

Cooling : Ambient air  
 Operating temperature : -20~50°C  
 Storage temperature : -20~60°C

**SAFETY FEATURES**

Non-weatherproof : Ideal for Indoor Application

**CONSTRUCTION**

LED Lamp : 5050 Package  
 PCB : FR-4, quad layered  
 Number of LED lamps per unit : 30

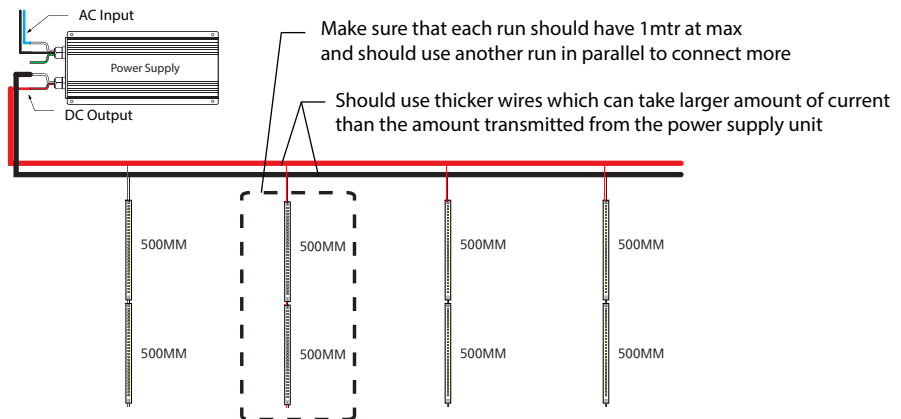
**APPLICATIONS**

Panel lighting  
 Linear lighting  
 Border lighting  
 Point-Of-Purchasing signage  
 Art & sculpture and cove lighting  
 Replacement for conventional lighting system  
 Shop Fitting

**APPROVAL**

EN 55015/A2 : 2009  
 EN 61547/2009  
 EN 62031/2008  
 EN 62471/2006

**WIRING GUIDE**



*Specifications subject to change without notice*