

V-Slim Dotless 3.8W

Super-slim profile of just W7.9 mm x H11.9 mm with built-in plug-in connector that allows head-to-head fixture-to-fixture connection.

Suitable for cabinet, niche lighting or other furniture applications.

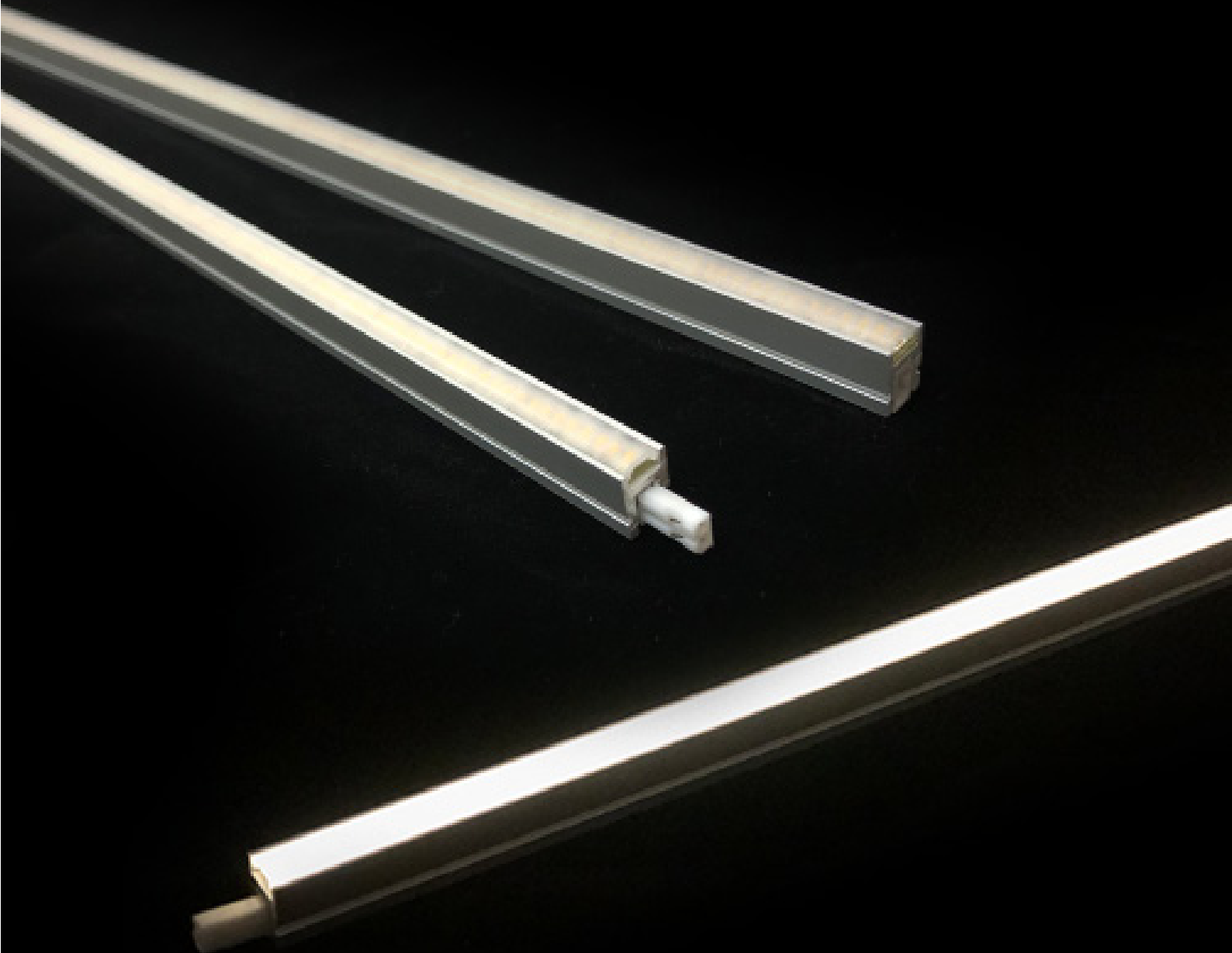
DC24V

3.8W/m

Indoor

Ra90 (min.)

Dimmable
(DMX, DALI,
0-10V)

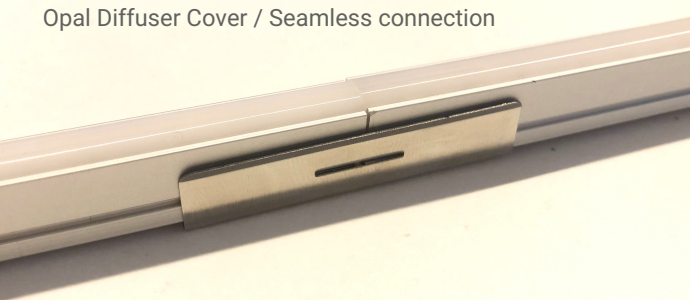


FEATURES

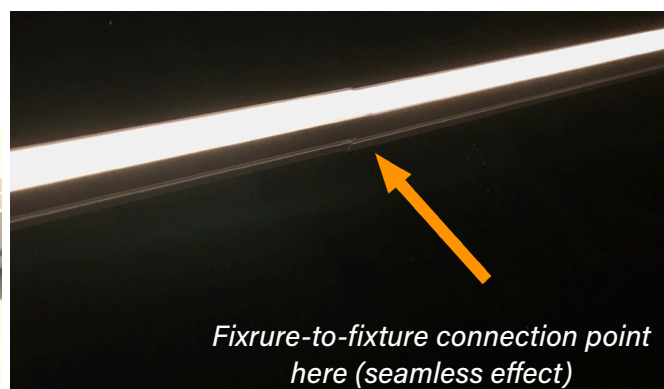
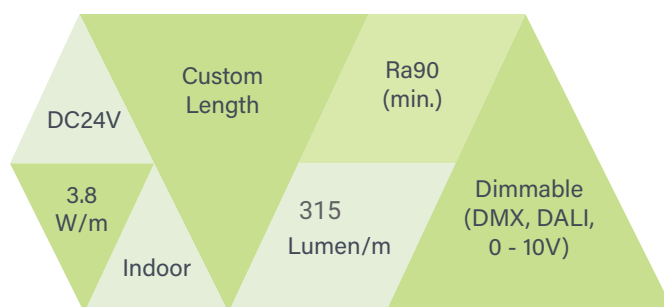
- Ultra-slim profile W7.9 mm x H11.9mm.
- Built-in connector that allows head-to-head seamless connection.
- Available in CCT 2700K, 3000K and 4000K.
- Reliable/High-efficiency NICHIA LED chip with reverse-polarity protection circuit.
- Minimized voltage drop due to wires running through the whole housing.



Opal Diffuser Cover / Seamless connection



BASIC SPECIFICATION



PRODUCT SPECIFICATIONS

Product Name	V-Slim Dotless (3.8W/m)				
Model No.	VSD0245-XXXX-3.8W	VSD0557-XXXX-3.8W	VSD0870-XXXX-3.8W	VSD0991-XXXX-3.8W	VSD1147-XXXX-3.8W
Input Voltage	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc
Power Consumption	0.9 W	2.1 W	3.3 W	3.8 W	4.4 W
Dimension (mm)	245*7.9*12(H)	557*7.9*12(H)	870*7.9*12(H)	991*7.9*12(H)	1147*7.9*12(H)
Weight	60 grams	110 grams	159 grams	179 grams	208 grams
Casing Body	Aluminium Heatsink with UV-resistant Polycarbonate Semi-Frosted Diffuser				
LED Beam Angle	110°	110°	110°	110°	110°
Operating Temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C
Max. Length of Series Connection	4 meter	4 meter	4 meter	4 meter	4 meter
Option Parts	Metal Mounting Bracket 0° (Flat) Type				
No of LEDs	98	224	350	399	462
Power Supply Unit (Gear-Driver)	Contant-Voltage Switching Power Supply (TDK Lamba, Sold Separately)				
Lumens (typical @ CCT 3000K)	77	175	274	313	362

Model No

VSDXXXX – XXXX – 3.8W

Fixture Type & Fixture Length

Color Temperature

Wattage

Fixture Type & Fixture Length

- VSD1147** → V-Slim Dotless L1147mm
- VSD0991** → V-Slim Dotless L991mm
- VSD0817** → V-Slim Dotless L817mm
- VSD0661** → V-Slim Dotless L661mm
- VSD0331** → V-Slim Dotless L331mm
- VSD0870** → V-Slim Dotless L870mm
- VSD0557** → V-Slim Dotless L557mm
- VSD0245** → V-Slim Dotless L245mm

** Above stated fixture length does not include connectors.*

Color Temperature

- 40XX** → LED Color 4000K
- 35XX** → LED Color 3500K, Build-to-order
- 30XX** → LED Color 3000K
- 27XX** → LED Color 2700K

** The last two code "XX" stands for color binning code
(by NICHIA Japan's LED binning) as per MacAdam Step 3 basis*

Wattage Type

- 3.8W** → 3.8W per meter

Example

VSD0331 – 27XX – 3.8WFixture Type &
Fixture Length

Color Temperature

Wattage

V-Slim Dotless L331mm

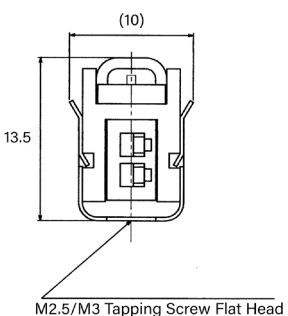
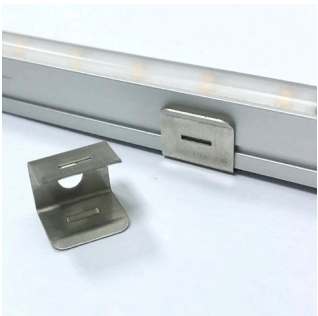
LED Color 2700K

3.8W/m Type

OPTIONAL ACCESSORIES

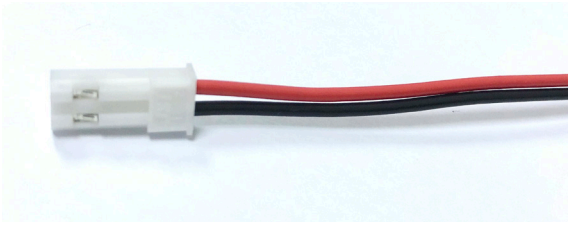
1 Mounting Clip Bracket 0° Flat Type

Model: MMC-VS-0DEG

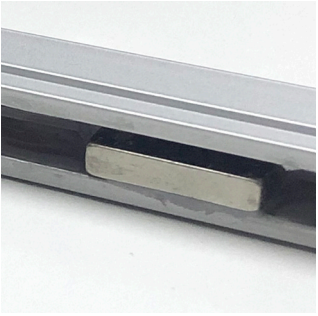


2 Male Harness Connector with L500mm Cable

* Required for first LED Fixture leading to PSU driver

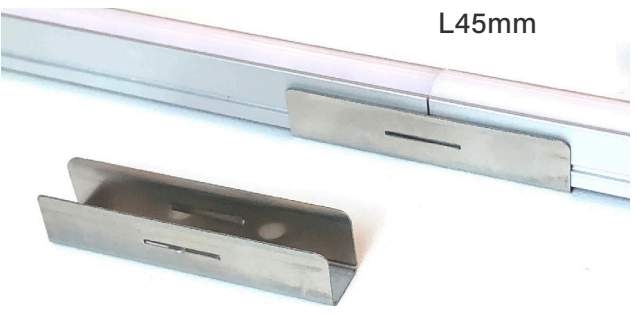


3 Magnet (Fixture Built-in)



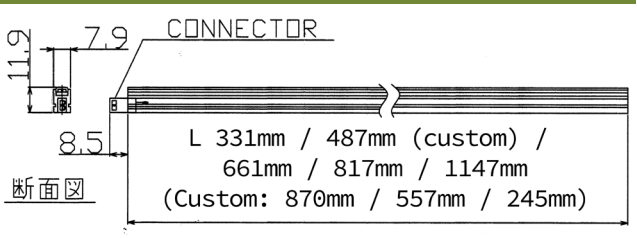
4 Fixture-to-Fixture Bracket

Model: MMC-VS-L45



- + Use M2.5/M3 flat head tapping screw (x2)
- + The same profile as metal mounting clip bracket (0deg)

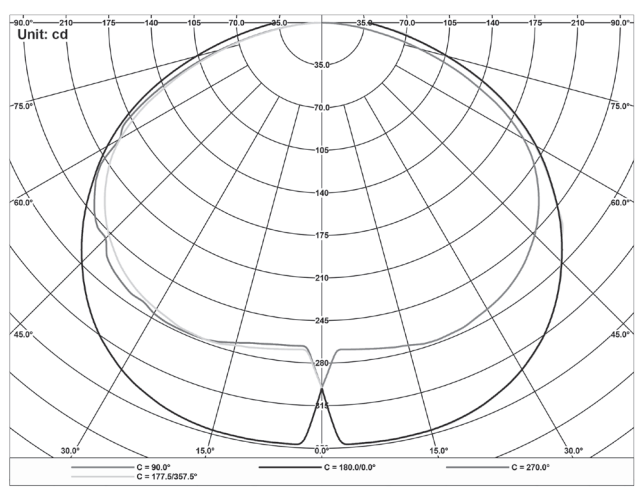
MECHANICAL DRAWING



PHOTOMETRICS

BROWNIE Lab 190214

Model: VSD1147-27XX-3.8W (L1147mm) CRI Ra90 (min)
Flux 362 lm



5. Metal Plate for Magnet Installation

