V-Slim

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.
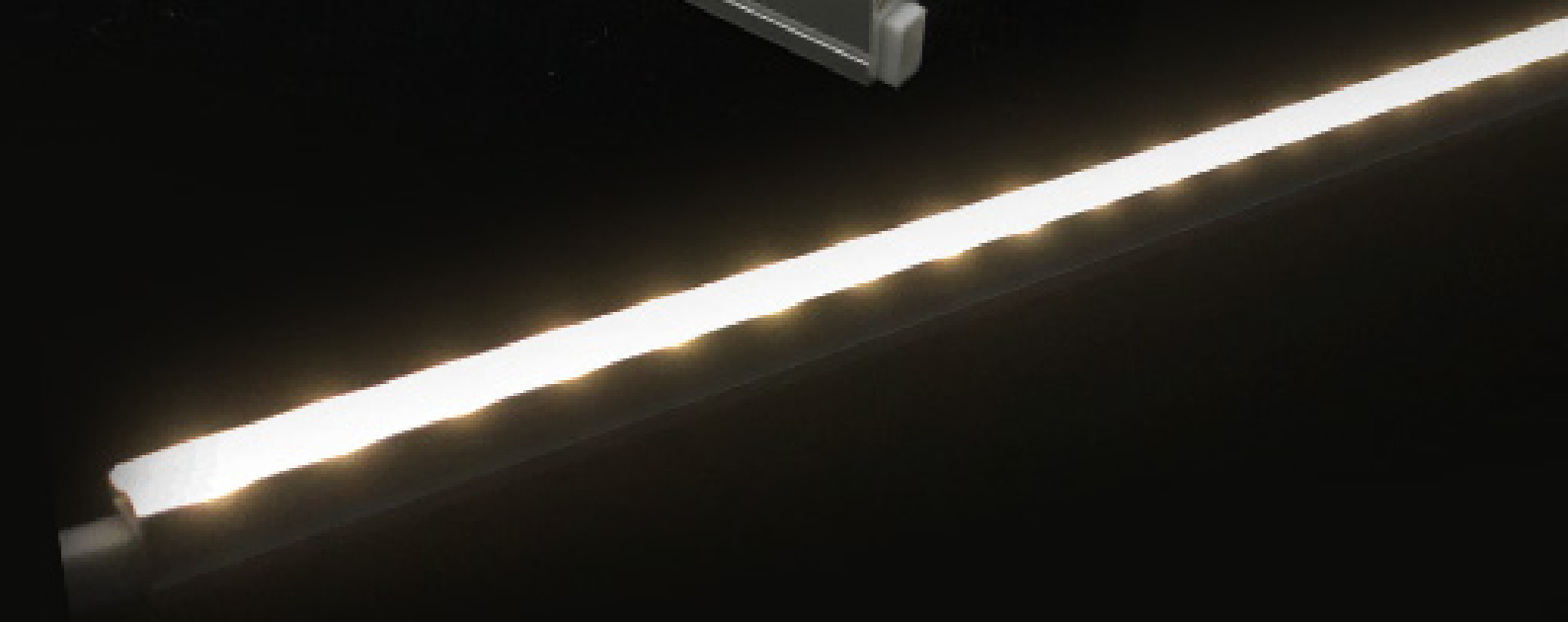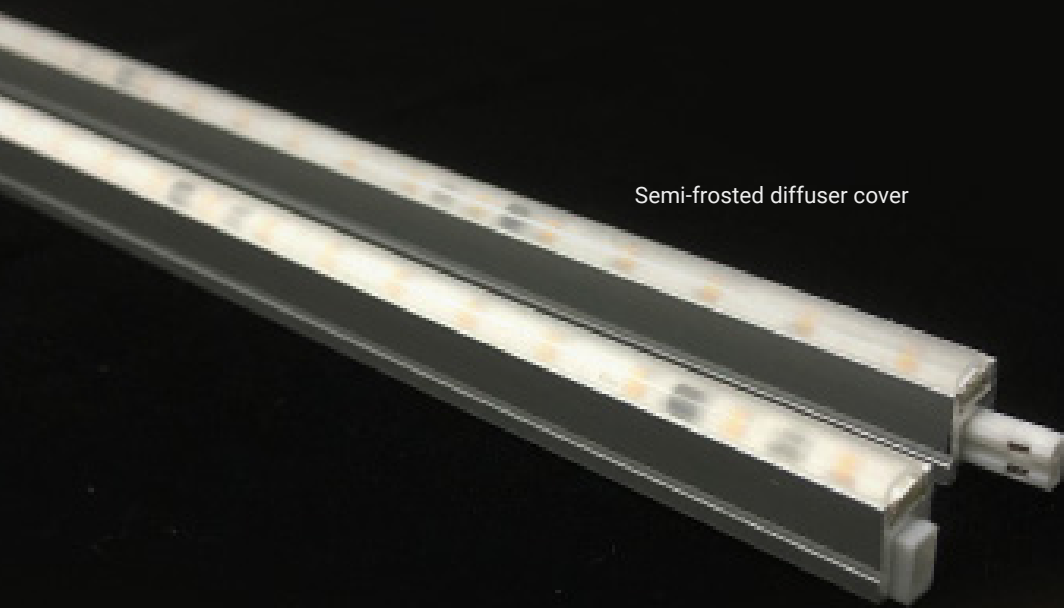
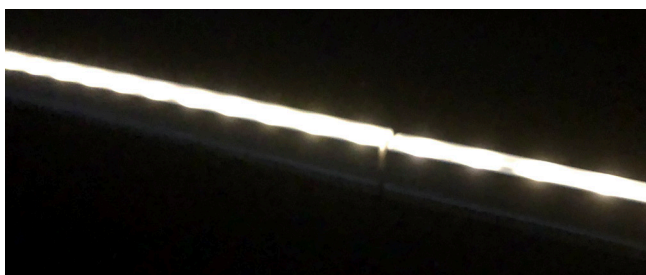| DC24V | 12.0W/m | Indoor | Ra85 typ. | Dimmable (DMX, DALI, 0-10V) |

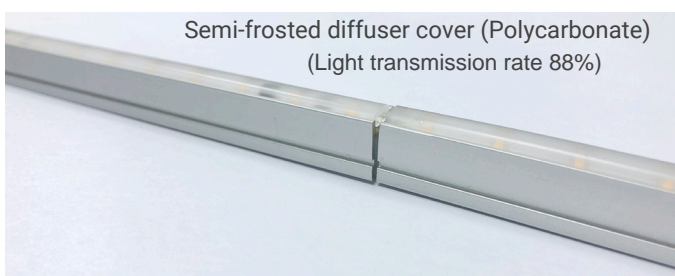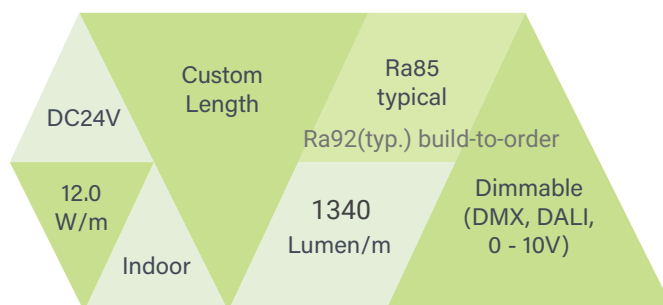CRI Ra92(typical) build-to-order

Semi-frosted diffuser cover

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.
- Binning control: MacAdam 3 step (single-binning)

BASIC SPECIFICATION

DC24V | Custom Length | Ra85 typical
Ra92(typ.) build-to-order
12.0 W/m | Indoor | 1340 Lumen/m | Dimmable (DMX, DALI, 0 - 10V)

Semi-frosted diffuser cover (Polycarbonate)
(Light transmission rate 88%)

PRODUCT SPECIFICATIONS

Product Name	V-Slim				
Model No.	VS0331-XXXX	VS0661-XXXX	VS0826-XXXX	VS0991-XXXX	VS1156-XXXX
Input Voltage	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc
Power Consumption	4 W	8 W	10 W	12 W	14 W
Dimension (mm)	331*7.9*12(H)	661*7.9*12(H)	826*7.9*12(H)	991*7.9*12(H)	1156*7.9*12(H)
Weight	60 grams	118 grams	144 grams	171 grams	198 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	28	56	70	84	98
Power Supply Unit (Gear-Driver)	Contant-Voltage Switching Power Supply (TDK Lamba, Sold Separately)				
Lumens (typical @ CCT 3000K)	445	890	1113	1336	1558

+ Semi-frosted diffuser cover (Polycarbonate resin) light transmission rate 88%

+ LM80 test report available upon request

+ MacAdam 3 step (single-binning)

MODEL NO

Model No

VSXXXX — XXXX

Fixture Type & Fixture Length

Color Temperature

-H : High CRI Ra90(min) type(custom-made)
("-H: at the end of the model code)

Fixture Type & Fixture Length

VS1156	→	V-Slim L1156mm
VS0991	→	V-Slim L991mm
VS0826	→	V-Slim L826mm
VS0661	→	V-Slim L661mm
VS0331	→	V-Slim L331mm

* Above stated fixture length does not include connectors.

Color Temperature

40XX	→	LED Color 4000K (Ra85 typical)
35XX	→	LED Color 3500K, Build-to-order (Ra85 typical)
30XX	→	LED Color 3000K (Ra85 typical)
27XX	→	LED Color 2700K (Ra85 typical)

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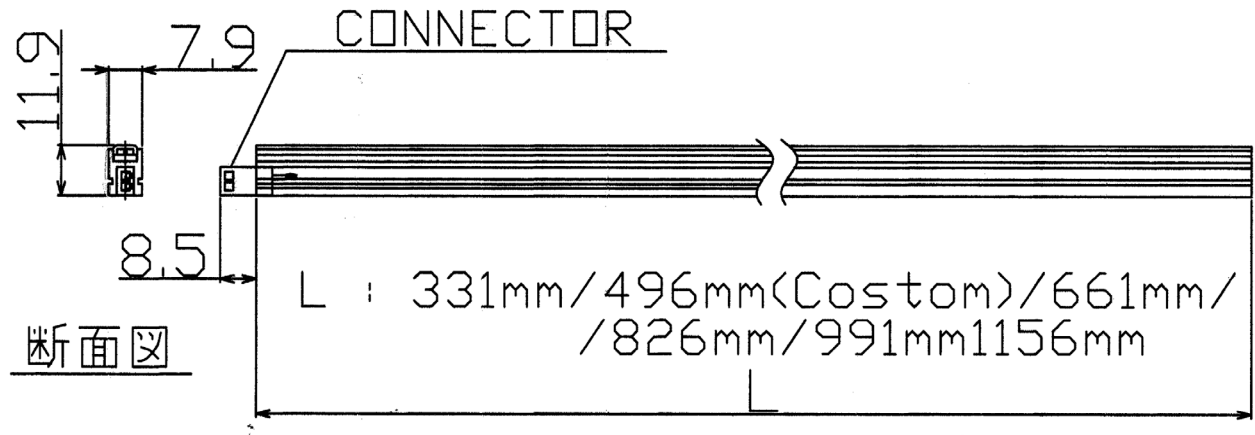(by NICHIA Japan's LED binning) as per MacAdam Step 3 basis*

Example

VS0331 — 27XX

Fixture Type &
Fixture Length

V-Slim L331mm

Color Temperature
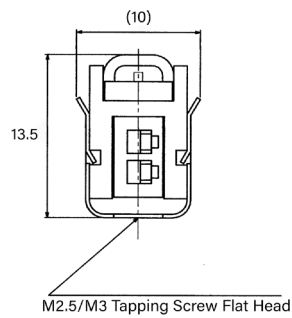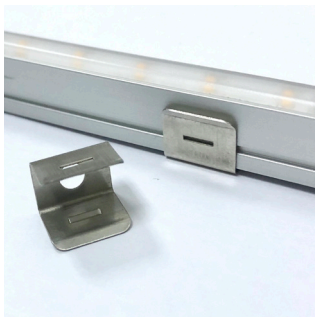
LED Color 2700K
(Ra85 typical)

MECHANICAL DRAWING

CONNECTOR

11.9
7.9
8.5
断面図

L : 331mm/496mm(Costom)/661mm/
/826mm/991mm1156mm

OPTIONAL ACCESSORIES

1 ▸ Mounting Clip Bracket 0° Flat Type

Model: MMC-VS-0DEG

(10)
13.5

M2.5/M3 Tapping Screw Flat Head

2 ▸ Male Harness Connector with L500mm Cable

* Required for first LED Fixture leading to PSU driver
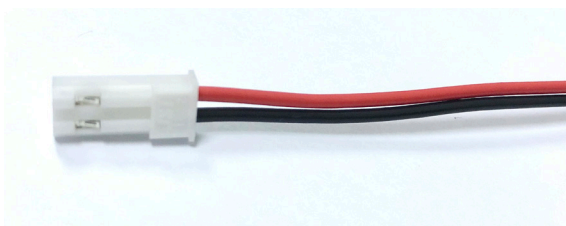
3. Magnet (fixture Built-in)

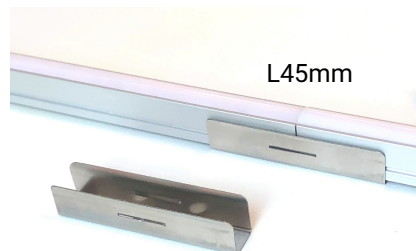4. Metal plate for magnet installation

Dimension: L75mm x W7.6mm x thickness 2.0mm
(comes with flat head tapping screw)

PHOTOMETRICS

BROWNIE Lab 190214

Unit: cd

Model VS0991-30XX (L991mm
Flux 1336Lm

5. Fixture-to-fixture Bracket

Model: MMC-VS-L45

L45mm

+ Use M2.5/M3 flat head tapping screw (x 2)
+ The same profile as metal mounting clip bracket(0deg)