

# V-Cove II RGB

The RGB version of V-Cove II (pitch 15.2mm). Our V-Cove II RGB fixtures deliver high quality colour and dynamic effects in an energy-efficient manner.



DC24V

12W/m  
(max)

IP20

Indoor

105° Beam

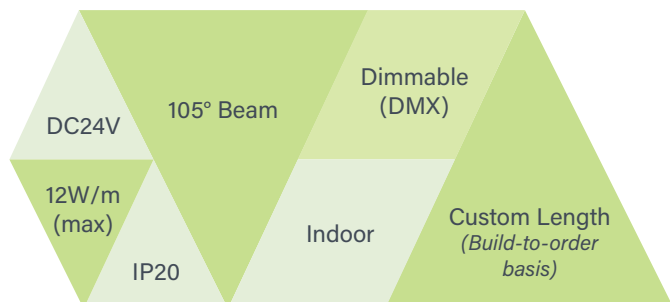
Dimmable  
(DMX)

Custom  
Length  
*(Build-to-order  
basis)*

## FEATURES

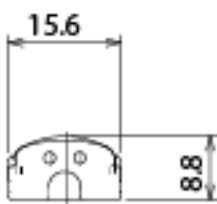
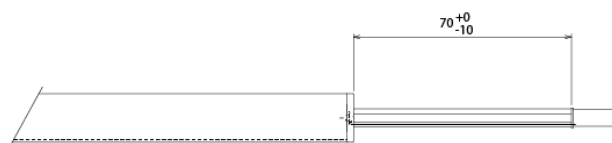
- For general cove lighting and niche indirect lighting,
- Available in CCT 2000K, 2500K, 2700K, 3000K, 3500K, 4000K, 6500K and RGB
- Excellent efficiency using NICHIA Japan LED with optimized circuit design and tight-controlled chip's Vf properties.

## BASIC SPECIFICATION

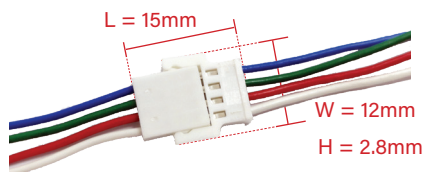


## MECHANICAL DRAWING

Fixture Length (Standard)  
L974mm/L652mm/L330mm



**Male-Female Connector**  
(Standard Spec comes with this connector)

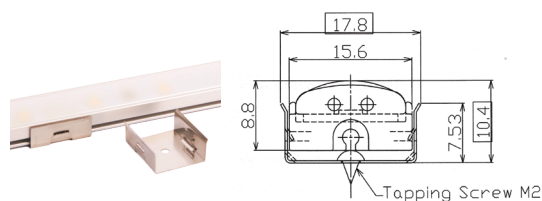


White Cable = Common Positive (+)  
Red Cable = Red (-)  
Green Cable = Green (-)  
Blue Cable = Blue (-)

## OPTIONAL ACCESSORIES

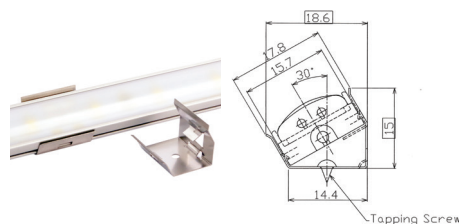
### 1 Metal Mounting Clip Bracket 0° Flat Type

Model: MMC-0DEG

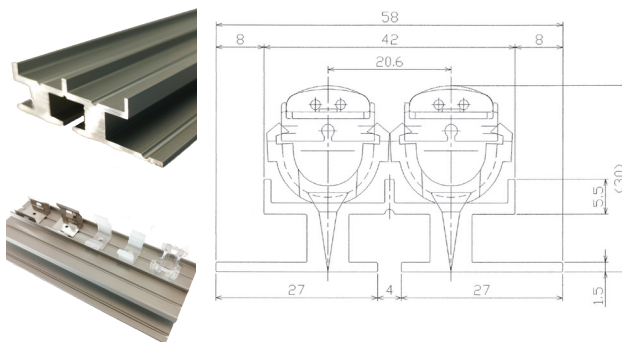


### 2 Metal Mounting Clip Bracket 30° Type

Model: MMC-30DEG



### 3 Aluminum Guide Rail



### 4 V-Dimmer-3

(3-Channel DMX Interface Driver Module)

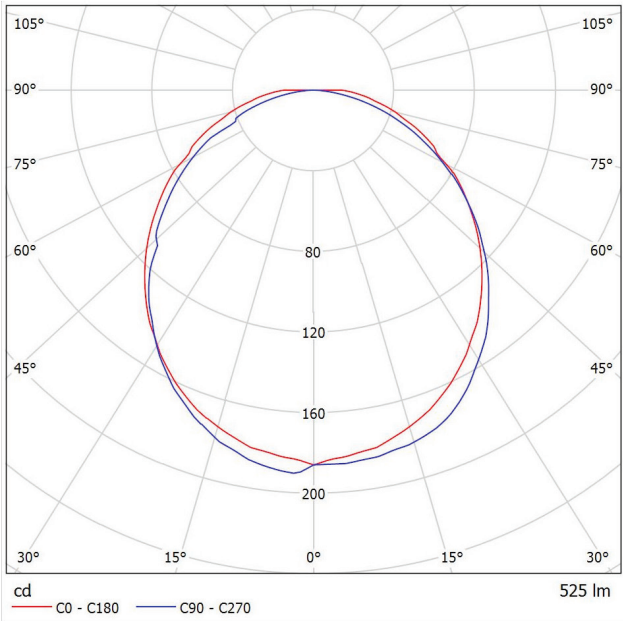
- 24Vdc input/output
- 3 Channel (for R•G•B)
- Maximum Load 2A per channel @25°C
- Total 6A Load @25°C (= Maximum 10 meter of Dot-Less RGB LED Fixture)
- DIP Switch (DMX mode / Auto Mode / Manual Mode are available)
- Address Setting by DIP Switch
- Synchronize up to 32 units in series with built-in program
- IP20
- DMX -512 (1990)
- Dimension 110mm x 60mm x 17.8mm (H)
- Weight 170 grams
- Operation Temperature: 0°C ~ 45°C



PHOTOMETRICS

BROWNIE Lab 190216 VCII0974-FCX

Article No.: VCII0974-FCX  
Luminous flux (Luminaire): 525 lm  
Luminous flux (Lamps): 525 lm  
Luminaire Wattage: 15.8 W  
Luminaire classification according to CIE: 100  
CIE flux code: 47 77 94 100 100  
Fitting: 1 x User defined (Correction Factor 1.000).



MODEL NO

Model No

VCII XXXX – FCX

Fixture Type      Fixture Length      FCX

Fixture Type

VCII → V-Cove II

Fixture Length

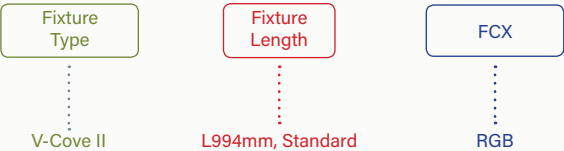
- 0974 → L974mm, Standard
- 0652 → L652mm, Standard
- 0330 → L330mm, Standard

FCX

FCX → RGB

Example

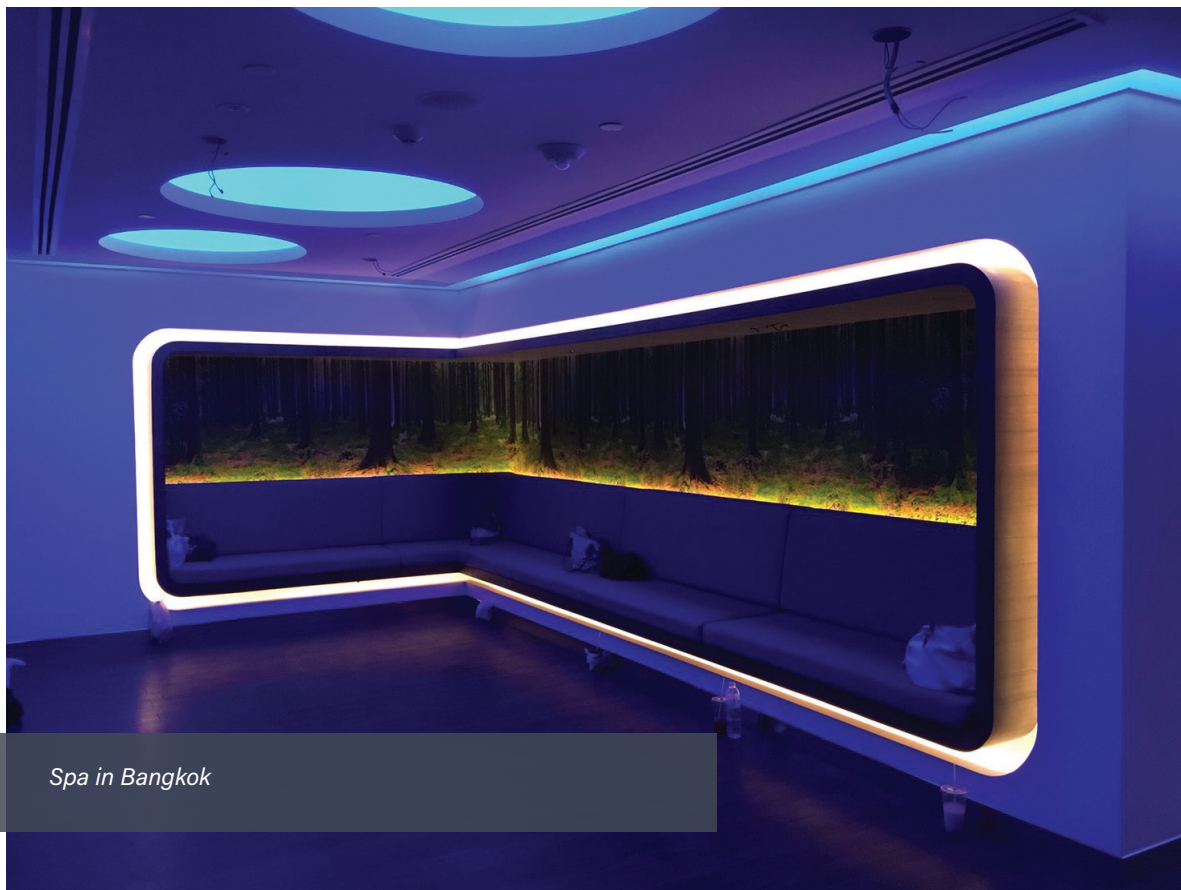
VCII 0974 – FCX



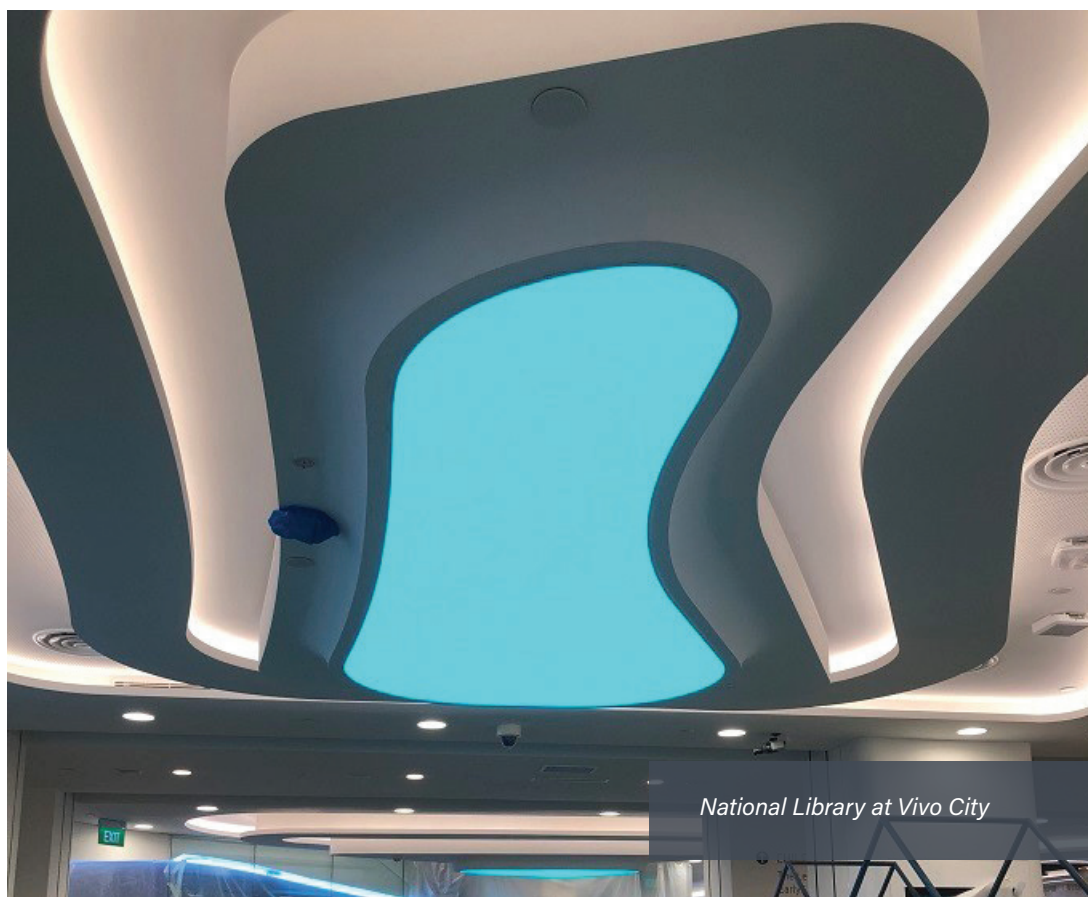
| PRODUCT SPECIFICATIONS            |                                                                          |                               |                               |                            |                          |                          |
|-----------------------------------|--------------------------------------------------------------------------|-------------------------------|-------------------------------|----------------------------|--------------------------|--------------------------|
| Product Name                      | V-Cove II P23 13.7W/m<br>(LED 23mm Pitch)                                |                               |                               | V-Cove II RGB 12W/m at Max |                          |                          |
| Model No.                         | VCII0330-xxxB-P23<br>(L330mm)                                            | VCII0813-xxxB-P23<br>(L813mm) | VCII0974-xxxB-P23<br>(L974mm) | VCII0330-FCX<br>(L330mm)   | VCII0652-FCX<br>(L652mm) | VCII0974-FCX<br>(L974mm) |
| Input Voltage                     | 24Vdc                                                                    | 24Vdc                         | 24Vdc                         | 24Vdc                      | 24Vdc                    | 24Vdc                    |
| Power Consumption                 | 4.6 W                                                                    | 11.4 W                        | 13.7 W                        | 4.0 W                      | 8.0 W                    | 12.0 W                   |
| Dimension (mm)                    | 330*15.6*8.8(H)                                                          | 813*15.6*8.8(H)               | 974*15.6*8.8(H)               | 330*15.6*8.8(H)            | 652*15.6*8.8(H)          | 974*15.6*8.8(H)          |
| Weight                            | 65 grams                                                                 | 156 grams                     | 186 grams                     | 65 grams                   | 130 grams                | 188 grams                |
| Casing Body                       | Aluminium Heatsink with UV-resistant Polycarbonate Semi-Frosted Diffuser |                               |                               |                            |                          |                          |
| LED Beam Angle                    | 105°                                                                     | 105°                          | 105°                          | 105°                       | 105°                     | 105°                     |
| Operating Temperature             | -10°C~45°C                                                               | -10°C~45°C                    | -10°C~45°C                    | -10°C~45°C                 | -10°C~45°C               | -10°C~45°C               |
| Max. Length of Series Connection  | 5 meter                                                                  | 5 meter                       | 5 meter                       | 3 meter                    | 3 meter                  | 3 meter                  |
| Option Parts                      | Mounting clip bracket 0° (flat) type / 30° fixed angle type              |                               |                               |                            |                          |                          |
| No of LEDs                        | 14                                                                       | 35                            | 42                            | 21                         | 42                       | 63                       |
| Power Supply Unit (Gear-Driver)   | 24Vdc<br>Constant-Voltage Switching Power Supply<br>(*TDK Lambda brand)  |                               |                               |                            |                          |                          |
| Dimming Control                   | *With recommended 0-10V/DMX compatible dimming driver unit               |                               |                               |                            |                          |                          |
| Lumens (typical @ full output)    | 430                                                                      | 1060                          | 1310                          | 175                        | 350                      | 525                      |
| Available LED Color               |                                                                          |                               |                               |                            |                          |                          |
| Daylight 6500K<br>*Build-to-order | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| Cool White 4000K                  | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| 3500K<br>*Build-to-order          | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| Light Warm 3000K                  | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| Standard Warm 2700K               | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| Dark Warm 2500K                   | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| Amber-Like Warm 2000K             | ●                                                                        | ●                             | ●                             | ●                          | ●                        | ●                        |
| RGB Full Color<br>*Build-to-order | NA                                                                       | NA                            | NA                            | ●                          | ●                        | ●                        |



## PROJECT REFERENCE



*Spa in Bangkok*



*National Library at Vivo City*