

V-Wash II RGBW

The RGBW version of V-Wash II



DC24V

Semioutdoor
IP44

24W/m

Ra85
(for 2700K)

Dimmable

FEATURES

- Linear LED fixture with controlled beam angle (16° and 20x40°)
- Suitable for architectural wall-wash lighting
- LED Colour Red Green Blue and CCT 2700K
- Slim & compact casing body (Dia. 24mm x Length)

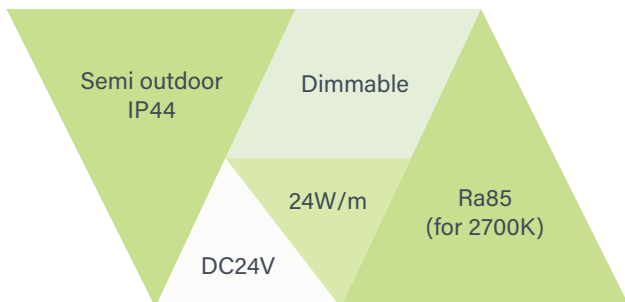


Effect of 16deg beam type
20cm away from the wall

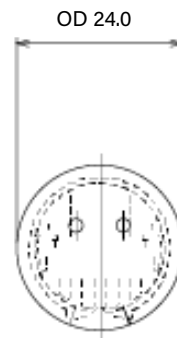
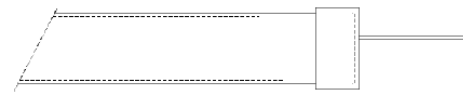
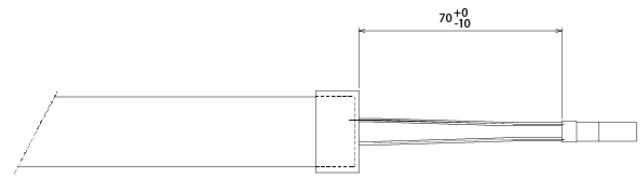


Effect of 20x40deg beam type
20cm away from the wall

BASIC SPECIFICATION



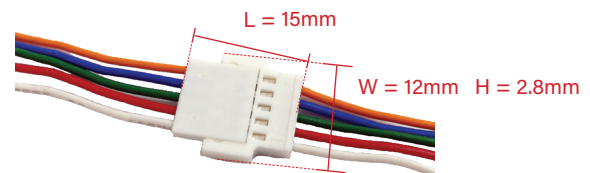
MECHANICAL DRAWING



※ Final design subject to change without prior notice

Male-Female Connector

(Standard Spec comes with this connector)



White Cable = Common Positive (+)

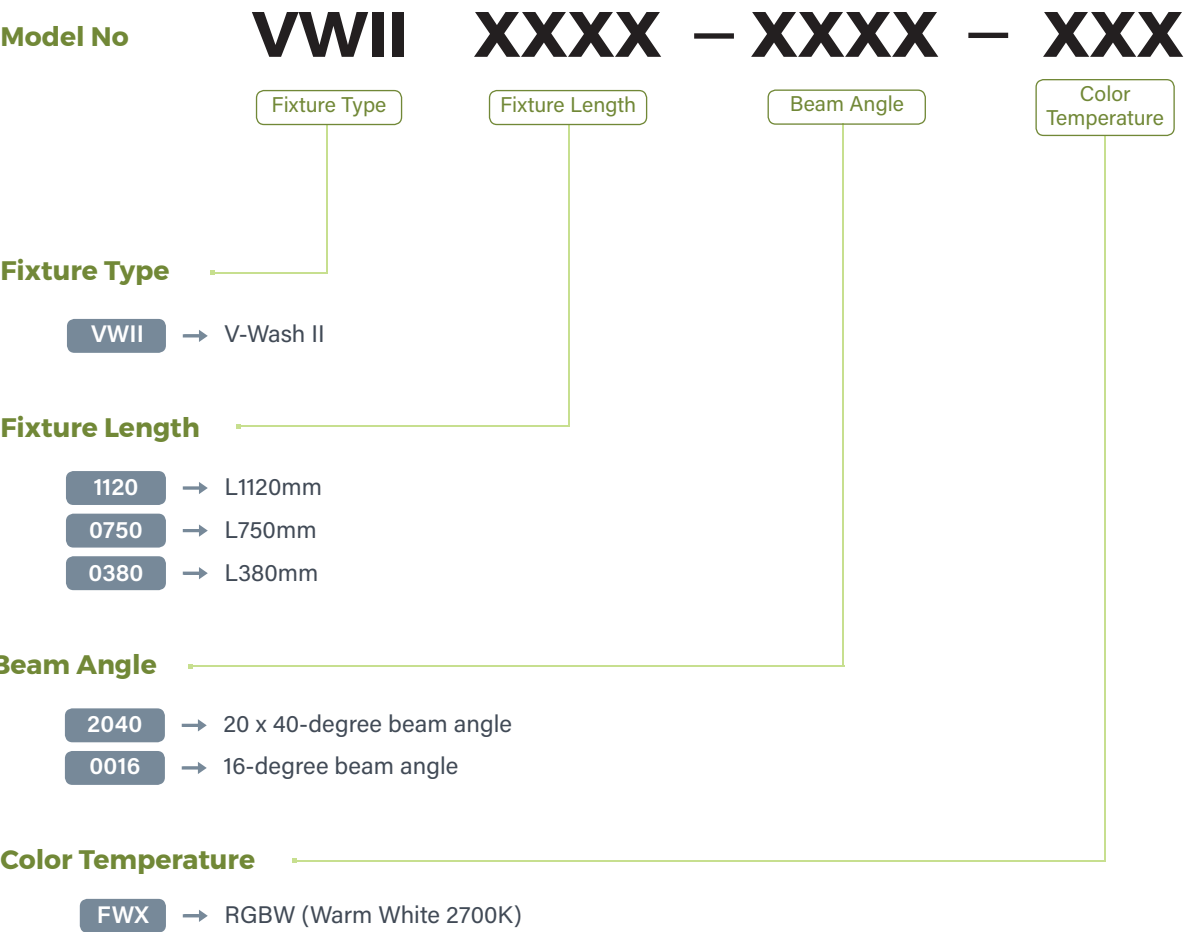
Red Cable = Red (-)

Green Cable = Green (-)

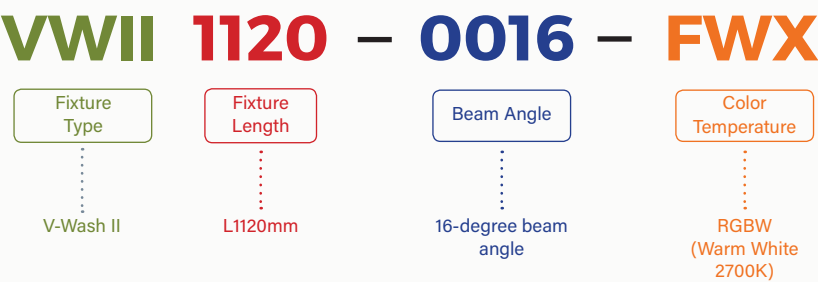
Blue Cable = Blue (-)

Orange Cable = Warm White (-)

MODEL NO



Example

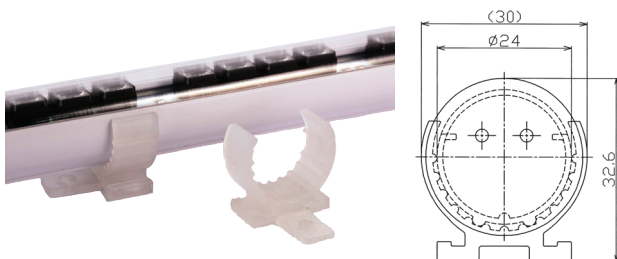


PRODUCT SPECIFICATIONS						
Product Name	V-Wash II RGBW 2040 (20 x 40° beam)			V-Wash II RGBW 0016 (16° beam)		
Model No.	VWII0380-2040-FWX (L380mm)	VWII0750-2040-FWX (L750mm)	VWII1120-2040-FWX (L1120mm)	VWII0380-0016-FWX (L380mm)	VWII0750-0016-FWX (L750mm)	VWII1120-0016-FWX (L1120mm)
Input Voltage	24.0Vdc (TDK Lambda's model recommended)					
Power Consumption	9.0 W	18.0 W	27.0 W	9.0 W	18.0 W	27.0 W
Dimension (mm)	380*Dia24.0	750*Dia24.0	1120*Dia24.0	380*Dia24.0	750*Dia24.0	1120*Dia24.0
Weight	176 grams	350 grams	525 grams	176 grams	350 grams	525 grams
Casing Body	Aluminium heatsink with Polycarbonate Tube					
LED Beam Angle	20 x 40°	20 x 40°	20 x 40°	16°	16°	16°
Operating Temperature	-10°C~40°C	-10°C~40°C	-10°C~40°C	-10°C~40°C	-10°C~40°C	-10°C~40°C
Maximum Length of Series Connection	2.5 meter	2.5 meter	2.5 meter	2.5 meter	2.5 meter	2.5 meter
Option Parts	Polycarbonate Rotatable (Angle-adjustable) Mounting Bracket					
No of LEDs	24	48	72	24	48	72
Power Supply Unit	24.0Vdc (* TDK Lambda brand)					
Dimming Control	●					
Lumens (typical @ Full Output)	253	507	762	265	531	797
Available LED Color						
Daylight 6500K *Build-to-order	●	●	●	●	●	●
Cool White 4000K	●	●	●	●	●	●
3500K *Build-to-order	●	●	●	●	●	●
Light Warm 3000K	●	●	●	●	●	●
Standard Warm 2700K	●	●	●	●	●	●
Dark Warm 2200K *Build-to-order	●	●	●	●	●	●
RGBW Full Color	●	●	●	●	●	●

OPTIONAL ACCESSORIES

1 Mounting Clip Bracket Adjustment Angle Type

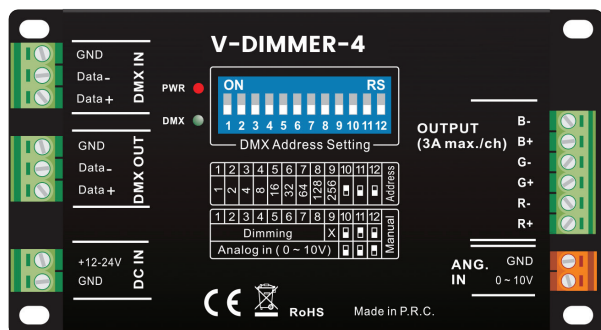
Model: MC-ADJVWII



2 V-Dimmer-4

(4-Channel DMX Interface Driver Module)

- 24Vdc input/output
- 4 Channel (for R-G-B + Warm White)
- Maximum Load 1.5A per channel @25°C
- Total 6A Load @25°C (= Maximum 8 meter of Full Colour + Warm Fixture)
- DIP Switch (DMX mode)
- 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

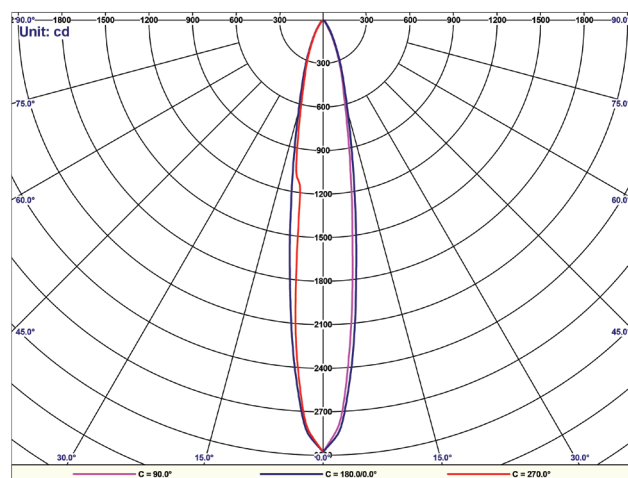


PHOTOMETRICS

1 16°

Model No: VWII0750-0016-FWX

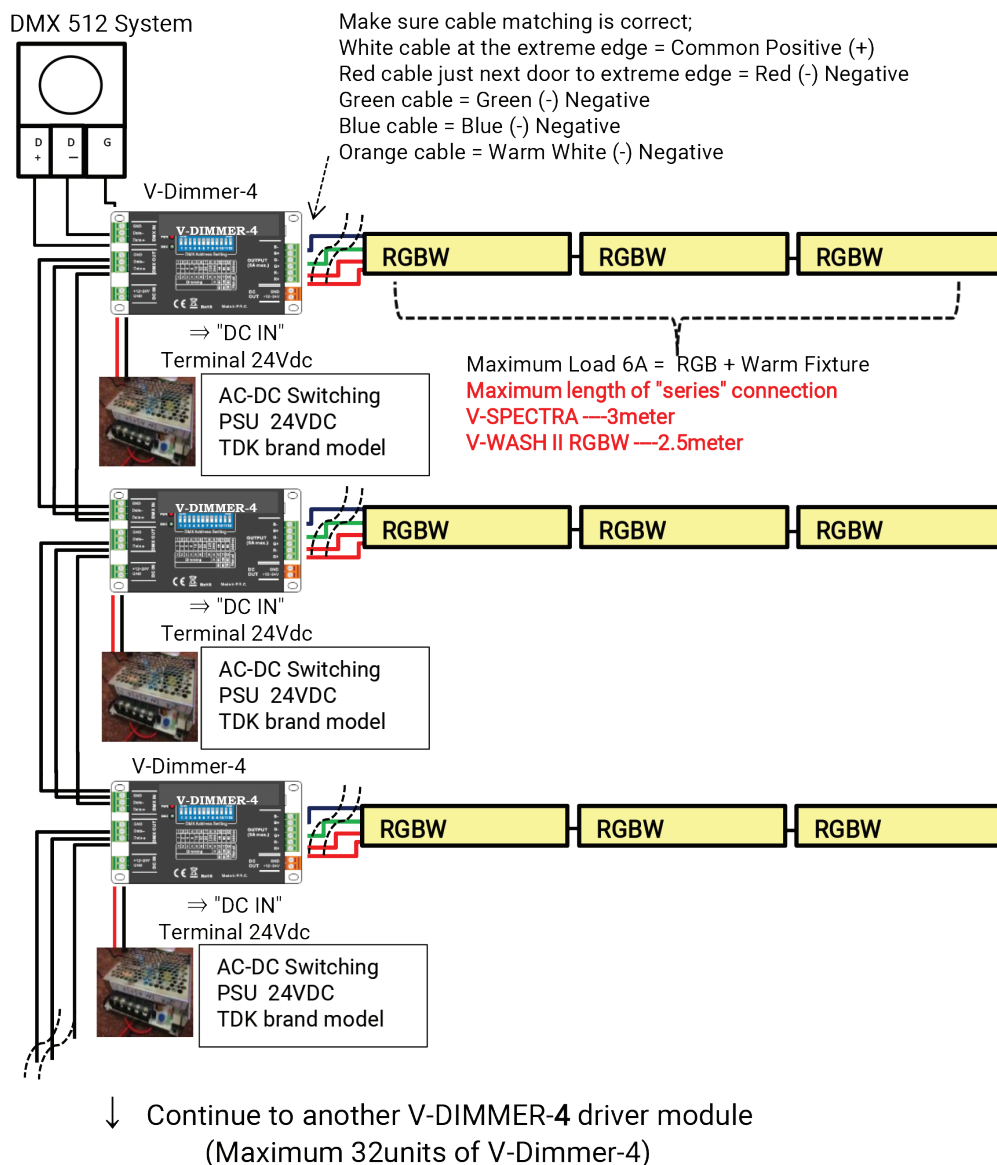
Luminaire flux: 531 l m



※For IES data, please contact our sales staff or distributor

TYPICAL SCHEMATIC WIRING (UNDER DMX 512 SYSTEM)

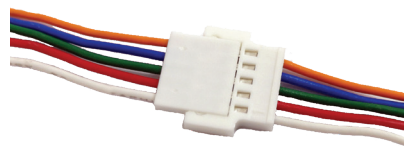
Typical Schematic Wiring (Under DMX 512 System)



Caution 1

Make sure polarity [positive (+) & negative (-)] and wires as per R•G•B•W colour are correct before switching on. Take note white colour wire is positive (+) / common wire, and red•green•blue and prange colour wires are negative(-) for red (-), green (-), blue (-) & warm white (-) respectively. Reverse connection may damage LED circuit.

Orange = for Warm White (-)
 Blue = for Blue LED (-)
 Green = for Green LED (-)
 Red = for Red LED (-)
 White = Plus (+) / Common (+)



Caution 2

For extension wire from switching power supply unit to LED, use **AWG16(1.309mm²)** or thicker wire, provided distance between power supply unit and 1st LED is within 6 meter.

Should distance between power supply unit and 1st LED exceeds 6 meter, please consult us individually on case-by-case basis, so that we will propose suitable wire gauge as well as wiring layout.