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Leading Manufacturer of
LED Applied Products

INTERONE

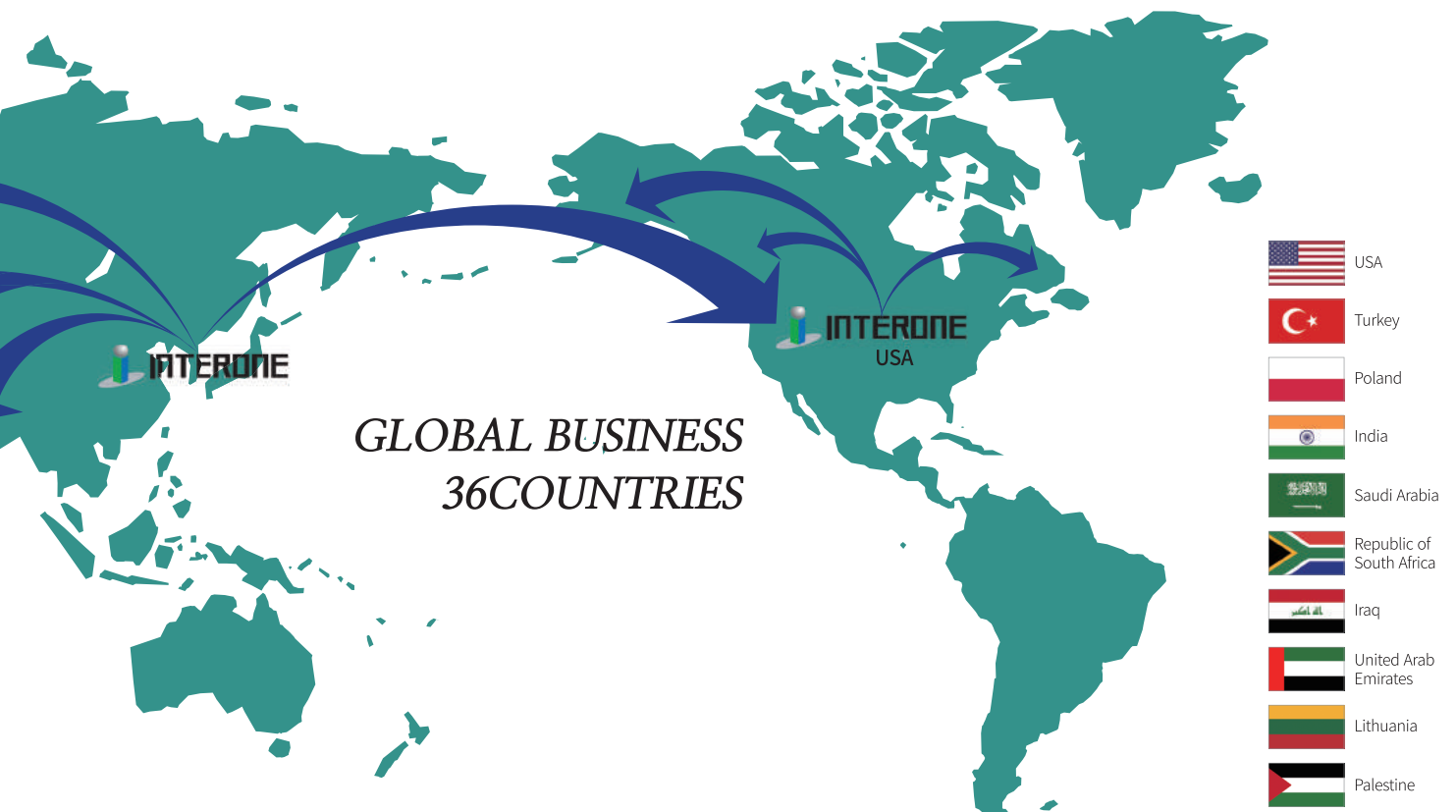
ABOUT US

Interone is a leading manufacturer specializing in LED modules in South Korea who invented LED modules in 2001 opening a new stage for the lighting industries. Our patented LED circuit was the first in the industry of Korea to achieve recognition and has earned a reputation not only for technical excellence but also for the superior quality worldwide.

Today, Interone is making a commitment to research and develop alternative lights to fulfill such demands by utilizing and adopting LED, which will lead to a new era for direct and indirect illumination. All our products are made in Korea using Samsung, LG or genuine Korean chips at our own facility. Our genuine reputation is result of fully automated production lines with quality control for zero defects.

Our top priority in the business is to work together with our partner companies who create valuable projects by using our authentic products. Interone will continue to lead standard in the industry by moving forward and expanding our innovative products. Interone USA was then established in California in August 2015 to better serve our customers in the North America territory.





 **INTERONE** Fully Automated Productions for Zero Defects!

SMT



Bolting



Printing



Ultrasonic Welding



Aging





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1xLED (VER.5)

Z1U-V05(Edge Module)



Z1U-V05-a7

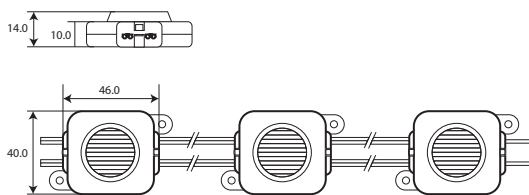


Z1S-V05-a6

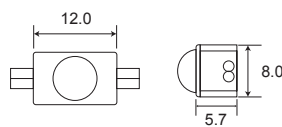


Dimensions

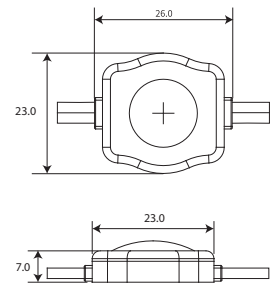
Z1U-V05(Edge Module)



Z1S-V05-a6



Z1U-V05-a7



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z1U-V05 (Edge Module)	DC12V	3W	250mA	35x11	16g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	46 x 40 x 14 mm	option
Z1S-V05-a6		0.24W	20mA	160°	1g				12 x 8 x 5.7 mm	25mm (1 inch) UL 24 AWG Pair
Z1U-V05-a7		1.2W 1.5W	100mA 125mA	170°	4g				26 x 23 x 7.0 mm	80mm (3.15 inch) UL 18 AWG Pair

2xLED (VER.5)



Z2U-V05-a2



Z2U-V05-a6

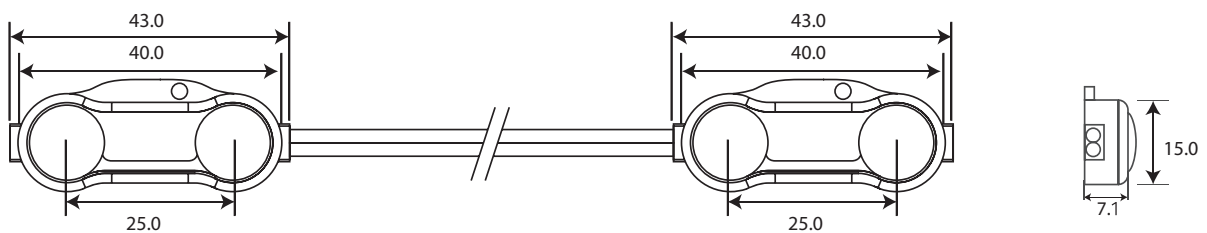


Z2U-V05-a4



Dimensions

Z2U-V05



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z2U-V05-a2	DC12V	0.48W 0.72W	40mA 60mA	125°	5g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	43 x 15 x 7.1 mm	65mm (2.56 inch) UL 18 AWG Pair
Z2U-V05-a4				140°						
Z2U-V05-a6				160°						

3xLED (VER.5)



Z3U-V05-a2



Z3U-V05-a6



Z3U-V05-a4

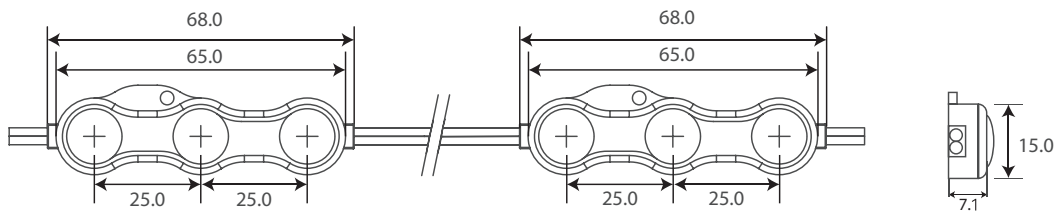


Z3U-V05-a7



Dimensions

Z3U-V05



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3U-V05-a2	DC12V	0.72W 1.14W	60mA 95mA	125°	7g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	68 x 15 x 7.1 mm	80mm (3.15 inch) UL 18 AWG Pair
Z3U-V05-a4				140°						
Z3U-V05-a6				160°						
Z3U-V05-a7				170°						

4xLED (VER.5)



Z4U-V05-a4



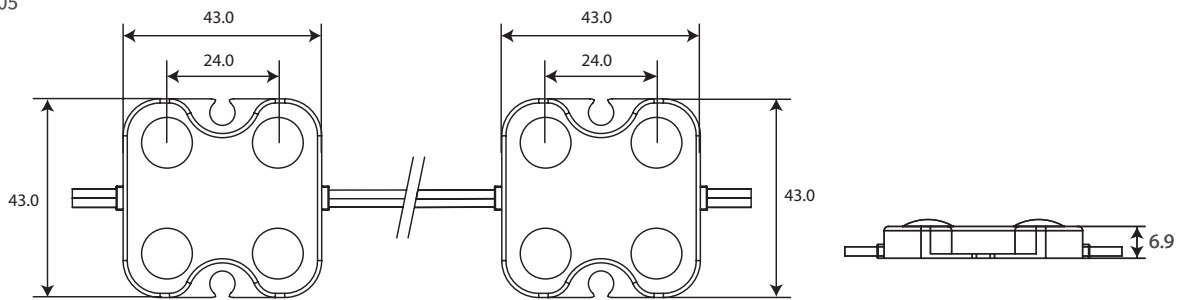
Z4U-V05-a6



LENS TYPE

Dimensions

Z4U-V05



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z4U-V05-a4	DC12V	1.44W	120mA	140°	12g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	43 x 43 x 6.9 mm	100mm (3.94 inch) UL 18 AWG Pair
Z4U-V05-a6		2.28W	190mA	160°						

RGB (VER.5)

Z3U-V5F-a2



Z3U-V5F-a6



Z4U-V5F-a4

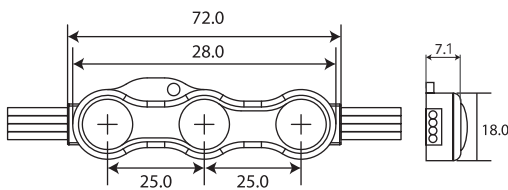


Z4U-V5F-a6

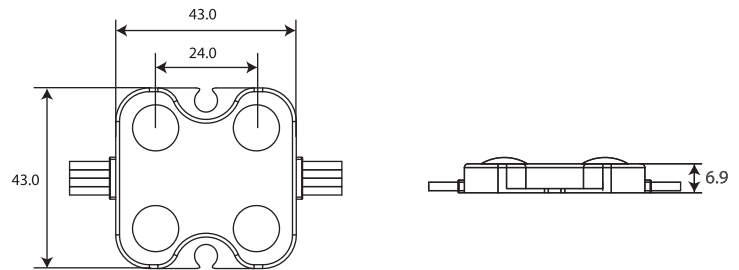


Dimensions

Z3U-V5F



Z4U-V5F



Unit : mm

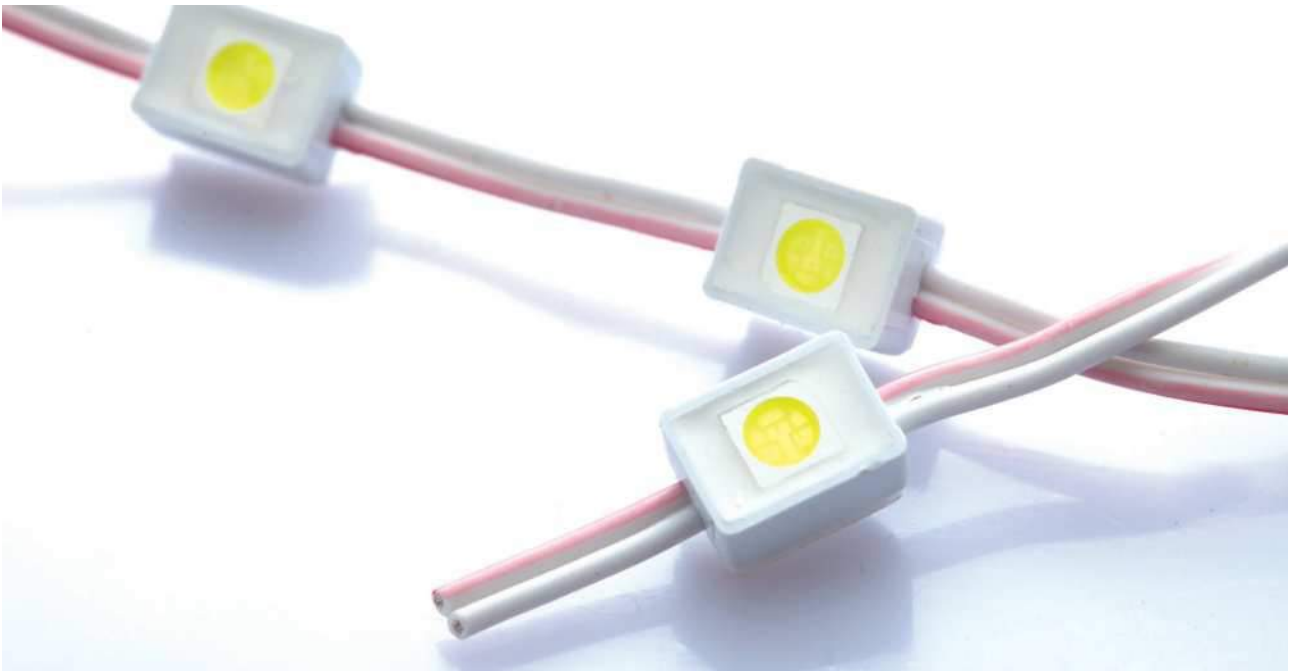
Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3U-V5F-a2	DC12V	0.72W	60mA	125°	9g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	72 x 18 x 7.1 mm	95mm (3.74 inch) UL 18 AWG Pair
Z3U-V5F-a6				160°						100mm (3.94 inch) UL 18 AWG Pair
Z4U-V5F-a4		1.44W	120mA	140°	13g				43 x 43 x 6.9 mm	
Z4U-V5F-a6				160°						

1xLED (VER.3)

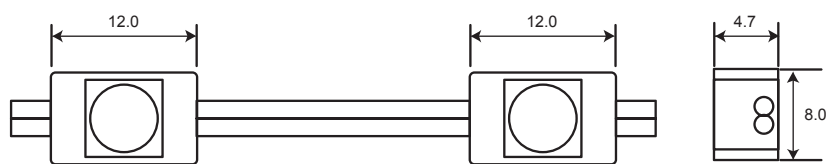


Z1S-V03



Dimensions

Z1S-V03



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z1S-V03	DC12V	0.24W	20mA	125°	1g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	12 x 8 x 4.7 mm	25mm (1inch) UL 24 AWG Pair

LENS TYPE

EPOXY TYPE

2xLED (VER.3)



Z2S-V03



Z2M-V03

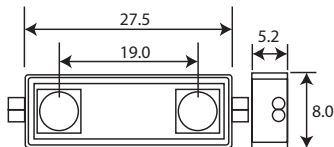


Z2L-V03

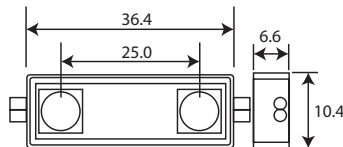


Dimensions

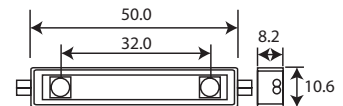
Z2S-V03



Z2M-V03



Z2L-V03



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z2S-V03	DC12V	0.48W	40mA	125°	3g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	27.5 x 8 x 5.2 mm	42mm (1.6 inch) UL 18 AWG Pair
Z2M-V03					4.5g				36.4 x 10.4 x 6.6 mm	70mm (2.8 inch) UL 18 AWG Pair
Z2L-V03					5g				50 x 10.6 x 8.2 mm	80mm (3.15 inch) UL 18 AWG Pair

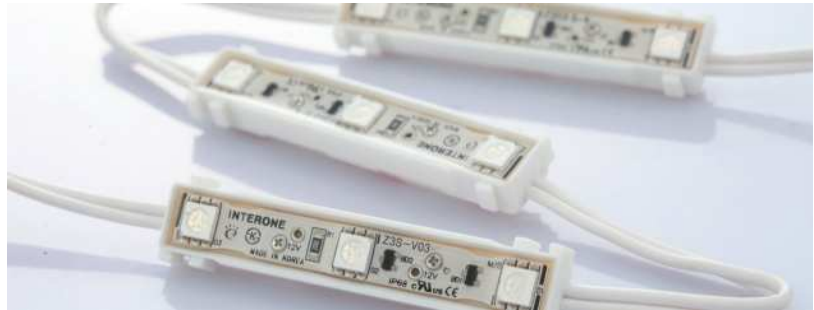
3xLED (VER.3)



Z3T-V03



Z3S-V03



Z3M-V03

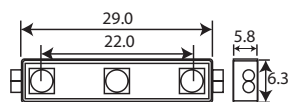


Z3L-V03

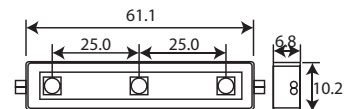


Dimensions

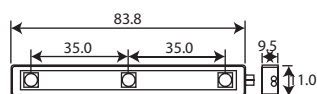
Z3T-V03



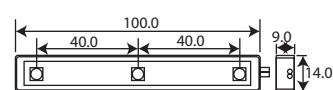
Z3S-V03



Z3M-V03



Z3L-V03



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3T-V03	DC12V	0.24W 0.48W	20mA 40mA	125°	5g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	29 x 6.3 x 5.8 mm	22mm (0.9 inch) UL 18 AWG Pair
Z3S-V03					12g				61.1 x 10.2 x 6.8 mm	80mm (3.15 inch) UL 18 AWG Pair
Z3M-V03					15g				83.8 x 11 x 9.5 mm	100mm (3.94 inch) UL 18 AWG Pair
Z3L-V03					18.5g				100 x 14 x 9 mm	

4xLED (VER.3)

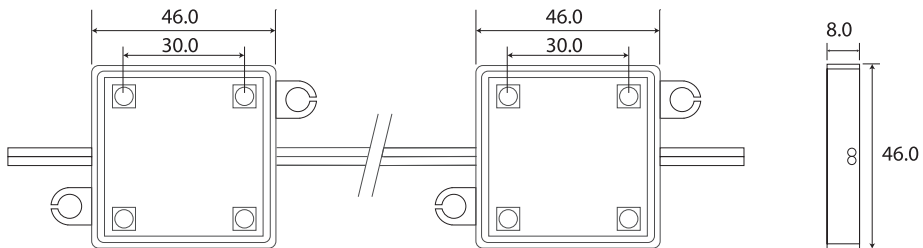


Z4U-V03



Dimensions

Z4U-V03



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z4U-V03	DC12V	0.96W	80mA	125°	24g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	46 x 46 x 8 mm	100mm (3.94 inch) UL 18 AWG Pair

3xLED (VER.6)



EPOXY TYPE

Z3U-V06

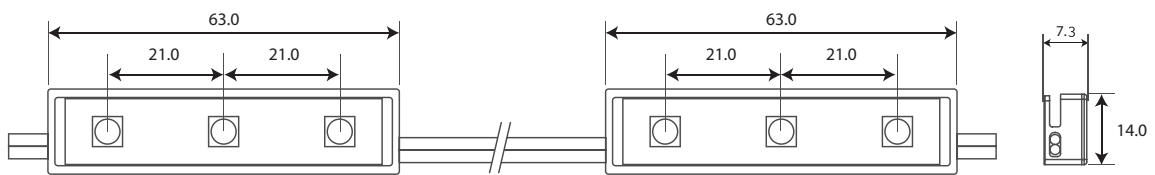


Z3U-V06-64



Dimensions

Z3U-V06



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3U-V06-64	DC12V	0.72W	60mA	125°	7g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	63 x 14 x 7.3 mm	64mm (2.5 inch) UL 18 AWG Pair
Z3U-V06-90										90mm (3.5 inch) UL 18 AWG Pair

BangBang (VER.3)

Z3U-V3B-F(RGB)

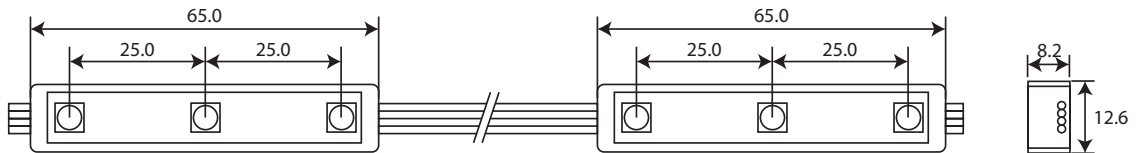


Z3U-V3B-W(White)



Dimensions

Z3U-V3B



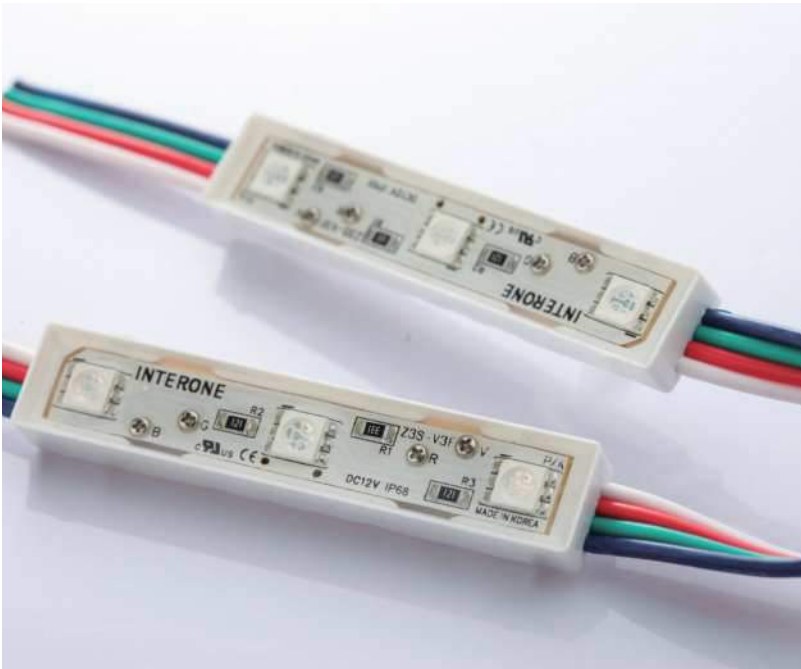
Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3U-V3B	DC12V	0.72W	60mA	125°	8g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	65 x 12.6 x 8.2 mm	80mm (3.15 inch) UL 18 AWG Pair

RGB (VER.3)

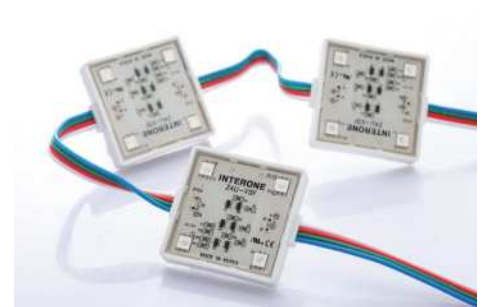
Z3S-V3F



Z3L-V3F



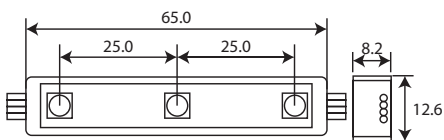
Z4U-V3F



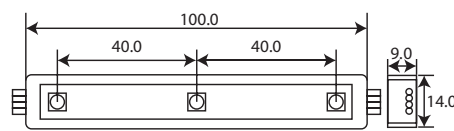
EPOXY TYPE

Dimensions

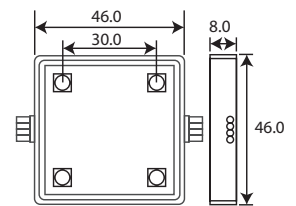
Z3S-V3F



Z3L-V3F



Z4U-V3F



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3S-V3F	DC12V	0.72W	60mA	125°	13g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	65 x 12.6 x 8.2 mm	80mm (3.15 inch) UL 18 AWG Pair
Z3L-V3F					20.5g				100 x 14 x 9 mm	100mm (3.94 inch) UL 18 AWG Pair
Z4U-V3F		1.44W	120mA		26g				46 x 46 x 8 mm	

3xLED (DMX)

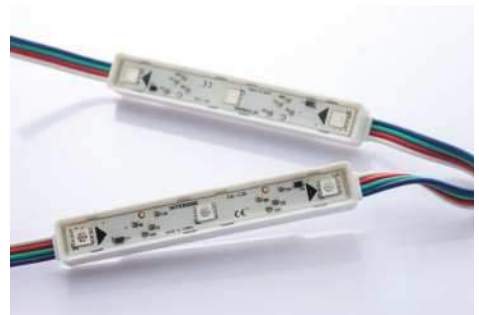
Z3S-C3D-F(RGB)



Z3S-C3D-W(White)

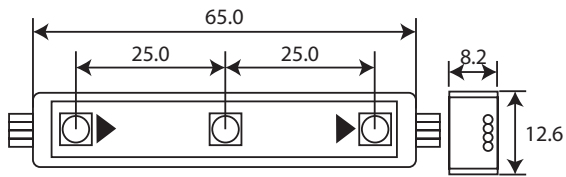


Z3L-C3D-F(RGB)

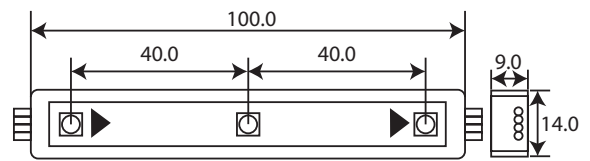


Dimensions

Z3S-C3D



Z3L-C3D



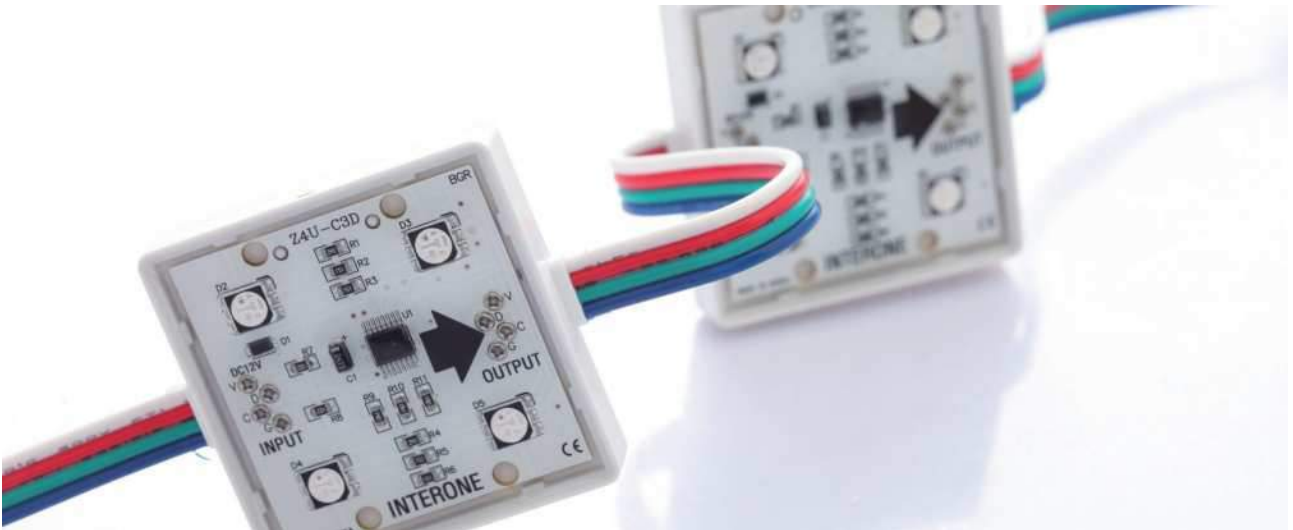
Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z3S-C3D	DC12V	0.72W	60mA	125°	13g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	65 x 12.6 x 8.2 mm	80mm (3.15 inch) UL 18 AWG Pair
Z3L-C3D					20.5g				100 x 14 x 9 mm	100mm (3.94 inch) UL 18 AWG Pair

4xLED (DMX) & DMX Bar

Z4U-C3D

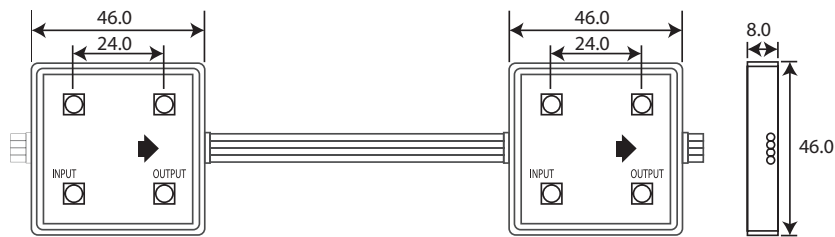


DMX BAR



Dimensions

Z4U-C3D



Unit : mm

Specification

Model	Operation Voltage	Power Consumption	Current	Viewing Angle	Weight	Operation Temperature	Storage Temperature	Water Proof	Dimensions	Wire Length
Z4U-C3D	DC12V	1.44W	120mA	125°	26g	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	IP68	46 x 46 x 8 mm	100mm (3.94 inch) UL 18 AWG Pair

Model	Operation Voltage	Power Consumption	Current	Operation Temperature	Storage Temperature	1 Bar LED	Dimensions
DMX Bar	DC12V	5.76W	480mA	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 75°C (-40°F ~ 167°F)	24ea	500 x 16 x 3 mm

Controller

FCC-1



FCC-1S



FCC-3



FCC-5



FCC-8



Specification

Model	RGB CONTROLLER				
	FCC-1	FCC-1S	FCC-3	FCC-5	FCC-8
Input Power	DC12~15V				
Output Type	PWM				
Output Capacity	MAX 200W	MAX 200W	MAX 600W	MAX 1000W	MAX 1200W
Fixed Mode	8 Mode	-	4 Mode	7 Mode	4 Mode

FCD-A



FCD Series

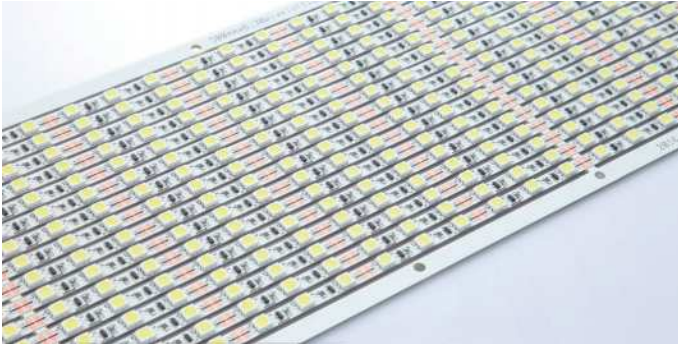


Specification

Model	DMX CONTROLLER				
	FCD-A	FCD-300	FCD-500	FCD-800	FCD-1000
Input Power	DC12~15V				
Output Type	Data , Clock				
Output Capacity	MAX 4,096ea	MAX 300ea	MAX 500ea	MAX 800ea	MAX 1000ea
Fixed Mode	5 Scene	6 Mode	6 Mode	6 Mode	6 Mode

Bar

PCB Bar



Specification

Model	PCB Bar
Voltage	DC12V
Power Consumption	7.2W
Current	600mA
Operation Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Length	500mm
1 Bar LED	30ea

Strip Bar



Specification

Model	STRIP BAR-500	STRIP BAR-1000
Voltage	DC12V	
Power Consumption	7.2W	14.4W
Current	600mA	1200mA
Operation Temp	-20°C ~ 60°C (-4°F ~ 140°F)	
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)	
Length	500mm	1000mm
1 Bar LED	30ea	60ea

Snow Fall



Specification

Model	500	1000	1500	2000
Voltage	DC12V			
Power Consumption	5W	10W	15W	20W
Current	420mA	840mA	1260mA	1680mA
Operation Temp	-20°C ~ 60°C (-4°F ~ 140°F)			
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)			
Length	500mm	1000mm	1500mm	2000mm
1 Bar LED	24ea	48ea	72ea	96ea

Slim Bar



Specification

Model	SLIM BAR
Voltage	DC12V
Power Consumption	8.65W
Current	720mA
Operation Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Length	500mm
1 Bar LED	36ea

LED Tube & LED Flood Light etc.

LED Tube / Outdoor T8



Indoor T8



LED TUBE	Color Temperature	Working Voltage	Power	Dimension	Luminous Flux	Power Factor	CRI	Operation Temperature	Base
Outdoor T8	9000K	AC85~265V	18W	Φ24*1198mm	1800lm ±5%	0.95	≥80	-20°C ~ +45°C -4°F ~ 113°F	G13
Indoor T8	2800K~9000K	AC100~265V	22W	Φ26*1198mm	2400lm ±5%	≥0.90	≥80	-20°C ~ +50°C -4°F ~ 122°F	G13

LED Flood Light / IO-FL030



Specification

Operation Voltage	AC90~277V / 50~60Hz
Power	30W
Luminous Flux	2500lm
Operation Temperature	-20°C ~ 40°C (-4°F ~ 104°F)
Storage Temperature	-25°C ~ 45°C (-13°F ~ 113°F)
Water Proof	IP65
Dimensions	170 x 199 x 92
Housing	Aluminum Die-cast

Wire



Cap



Plastic Track



Power Supply

IOP300W12



Features

- Constant voltage type
- AC input voltage range : AC200-240
- CE Approved.
- 60-300W Single output.
- Protections : Overload/Over voltage/Short circuit/Over temp.
- Working temperature :-40~45°C @100%,75°C @75%load.
- IP68 design for outdoor installations.
- 100% full load burn-in test.
- Suitable for LED lighting and moving sign applications.
- 2 years warranty.

Model	Output			Input Voltage(A)	Dimension (mm)
	Watt(W)	Volt(V)	Amp(A)		
IOP60W12	60	12	5	AC200-240V	170.5 x 42.5 x 38
IOP100W12	100	12	8.4		193 x 48.1 x 37.6
IOP150W12	150	12	12.5		212 x 56.7 x 42.3
IOP200W12	200	12	16.6		209 x 74 x 46.5
IOP300W12	300	12	25		248 x 74 x 46.5

Features

- Waterproof Converter (IOP-W1 Series)
- Single output, 60~150W
- Constant voltage design
- AC Input voltage 100-120V
- Protection : Over load / Over voltage / Short circuit / Over temperature (100W and 150W only)
- IP68 design for outdoor installation
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- Class 2 power unit (60W only)
- Plastic(60W) or Metal(100~150W) case
- 2 years warranty.

Model	Output	Volt(V)	Amp(A)	Input Voltage(A)	Approval	Weight	Dimension (mm)
	Watt(W)						
IOP60W12U	60	12	5	100-120VAC	UL	0.7 Lbs	6.7 x 1.7 x 1.5
IOP100W12U	100	12	8.4	100-120VAC	UL	1.5 Lbs	8.2 x 2.2 x 1.7
IOP150W12U	150	12	12.5	100-120VAC	UL	2.1 Lbs	8.2 x 2.9 x 1.8

Terms and Conditions

▪ Materials

Every effort is made by Interone to stock and distribute merchandise of the highest quality for the Sign industry and to back up all guarantees.

▪ Shipment

We make a special effort to ship every order as earliest as possible. All order terms are FOB Korean port.

▪ Claims

Count the pieces in each shipment immediately upon arrival and check against the freight bill and packing list. Lost or damaged merchandise is the responsibility of the carrier, and in case of loss or damage, obtain a notation on the freight bill at the time of delivery. The Claim Agent of the delivering carrier must be notified within 24 hours for official inspection. The Claim Agent will advise as to the method of filing the claim.

▪ Prices

Our prices are subject to change without notice. All prices provided do not include any applicable taxes nor freight costs.

▪ Warranties

Interone warrants that the goods are free from manufacturing defects in material and workmanship under normal use and service for 3 years from sales on all single color modules, 1 year on RGB and DMX modules and 2 years on power supplies. Warranties do not extend beyond the original end user. Claimant must furnish proof of date of purchase and Interone's sole liability with respect to any defect shall be for the replacement of the defective goods. Under no circumstances shall Interone be held liable for replacement of any defective products beyond the stated, expressed or implied warranties of the product manufacturers. Also, under no circumstances shall Interone be held liable for any cost incurred by the product, whether in warranty or out of warranty.

▪ Custom Products

All orders for custom fabricated products shall be accompanied by all instructions required by the product manufacturer in order to insure correctness of the job. Under no circumstances shall Interone be liable for the correctness of any custom product. All specifications are subject to change without notice. All trademarks are the property of their respective owners.

▪ Returns Policy

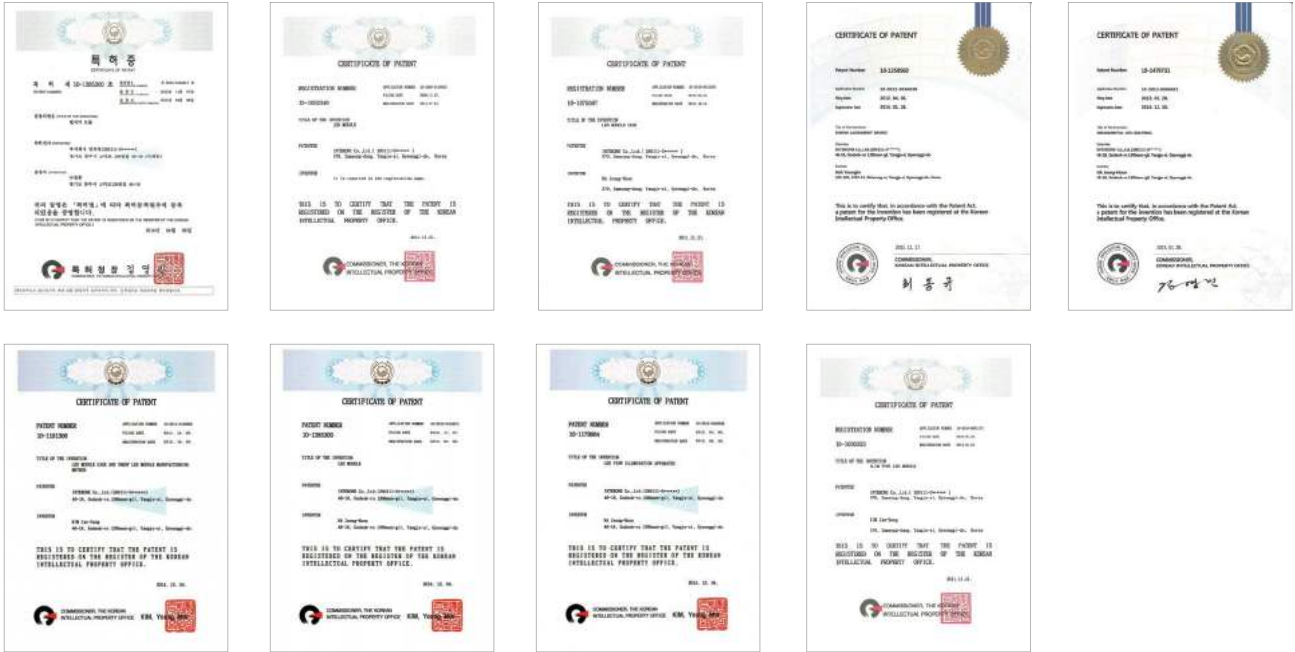
In the event that a stock product is received and does not meet expectations or provide satisfaction it may be returned to Interone. The policy for this process is to contact Interone in order to be issued a RGA number for the product. All returns of stock product must be shipped pre-paid, in resalable condition and are subject to inspection upon return for damage. Returns made after 30 days may be subject to a restocking fee. Custom or non-stock products are subject to a return fee as determined by the Interone.

▪ Payment Terms

Standard payment term is by T/T or L/C unless open account terms are agreed prior to sale. If open net 30 day term is agreed but becomes past due a service charge of 1.5% per month will be imposed until full payment is made.

Certification

Patent



Quality Certification



TERMS AND CONDITIONS

CERTIFICATION

Products Series

Lens Type (Version 5)

1xLED



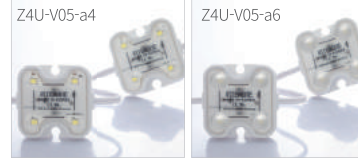
2xLED



3xLED



4xLED

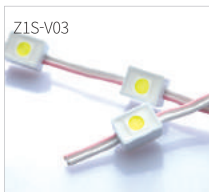


RGB



Epoxy Type (Version 3 & 6)

1xLED



2xLED



3xLED



4xLED



Version 6



BangBang



RGB



DMX (Cluster)

3xLED



4xLED & DMX Bar



Others

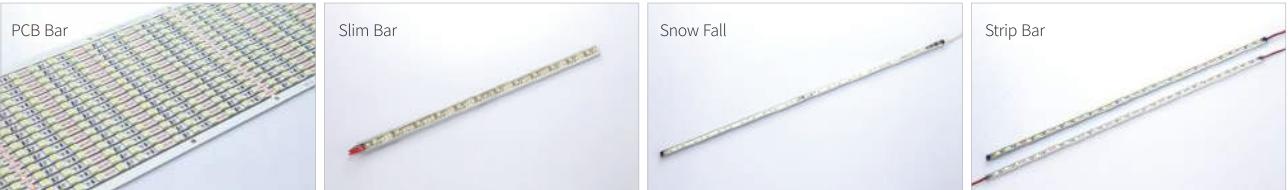
RGB Controller



DMX Controller



Bar



LED Tube & LED Flood Light etc.



Wire



Power Supply

