

# Specification for M3C Series Modules

## Model: M3C1X

### Product Image:



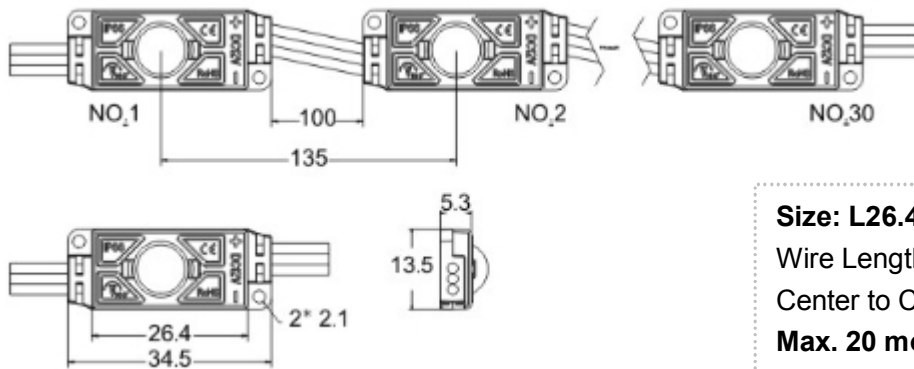
### Applications:

It is suitable for 4-8cm depth signage  
Mini size, suitable for Mini channel letter

### Features:

1. 1chip 2835SMD LED mounted
2. Waterproof with PVC overmolded housing.
3. DC12V
4. Lens creates 160 wide view angle
5. Certificate: CE,RoHS
6. Warranty: 3years

### Drawing:



**Size: L26.4 X W13.5 X H5.3 mm**  
Wire Length: 100mm  
Center to Center: 135mm  
**Max. 20 modules per string**

### Specification:

Model No.	M3C1W	M3C1R	M3C1G	M3C1B	M3C1Y
Color	W	R	G	B	Y
Color Temperature(K) Wavelength(nm)	3000/6000/9000	620-625	525-530	465-470	585-590
Working Voltage	DC12V				
Beam Angle	160 degree Viewing Angle				
Brightness(lm)	20	6	12	3	5
Working Current(mA/pcs)	20	20	20	20	20
Power(W/pcs)	0.24	0.24	0.24	0.24	0.24
Operating Temperature	-25°C - 60°C				
Storage Temperature	-30°C - 70°C				
Weight	5.3 g/pcs				
IP Grate	IP 66				

## Specification for M3C Series Modules

### Model: M3C2X

#### Product Image



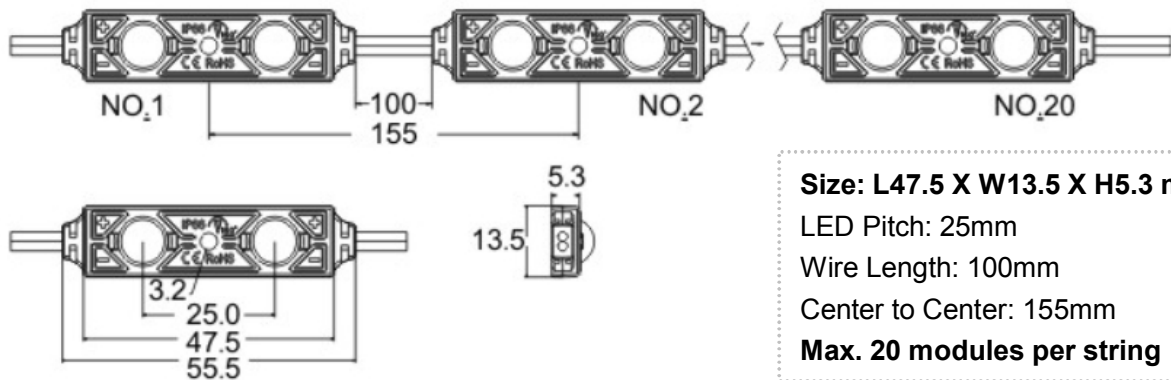
#### Applications:

It is suitable for 5-15cm depth signage  
Medium size, suitable for Medium channel letter

#### Features:

1. 2chip 2835SMD LED mounted
2. Waterproof with PVC overmolded housing.
3. DC12V
4. Lens creates 160 wide view angle
5. Certificate: CE,RoHS
6. Warranty: 3years

#### Drawing



**Size: L47.5 X W13.5 X H5.3 mm**  
LED Pitch: 25mm  
Wire Length: 100mm  
Center to Center: 155mm  
**Max. 20 modules per string**

#### Specification:

Model No.	M3C2W	M3C2R	M3C2G	M3C2B	M3C2Y
Color	W	R	G	B	Y
Color Temperature(K) Wavelength(nm)	3000/6000/9000	620-625	525-530	465-470	585-590
Working Voltage	DC12V				
Beam Angle	115 degree Viewing Angle				
Brightness(lm)	40	12	24	6	10
Working Current(mA/pcs)	60	60	60	60	60
Power(W/pcs)	0.72	0.72	0.72	0.72	0.72
Operating Temperature	-25°C- 60°C				
Storage Temperature	-30°C- 70°C				
Weight	8 g/pcs				
IP Grate	IP 66				

## Specification for M3C Series Modules

### Model: M3C3X

#### Product Image



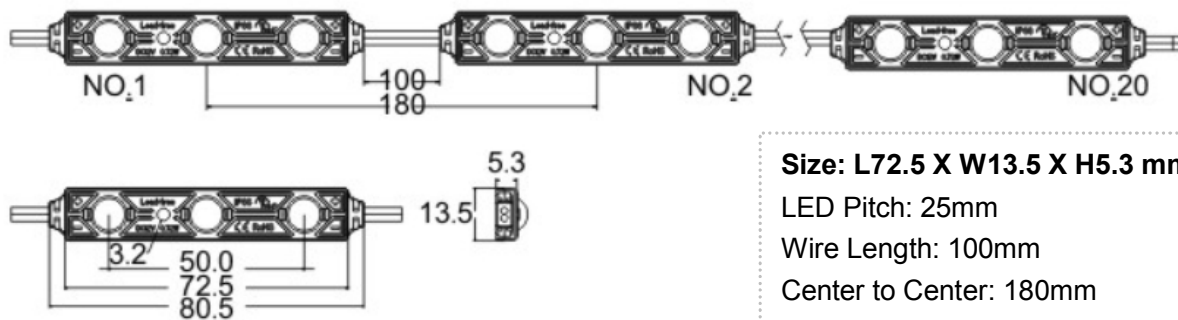
#### Applications:

It is suitable for 5-15cm depth signage  
Big size, suitable for big channel letter

#### Features:

1. 3chip 2835SMD LED mounted
2. Waterproof with PVC overmolded housing.
3. DC12V
4. Lens creates 160 wide view angle
5. Certificate: CE,RoHS
6. Warranty: 3years

#### Drawing



**Size: L72.5 X W13.5 X H5.3 mm**

LED Pitch: 25mm

Wire Length: 100mm

Center to Center: 180mm

**Max. 20 modules per string**

#### Specification:

Model No.	M3C3W	M3C3R	M3C3G	M3C3B	M3C3Y
Color	W	R	G	B	Y
Color Temperature(K) Wavelength(nm)	3000/6000/9000	620-625	525-530	465-470	585-590
Working Voltage	DC12V				
Beam Angle	115 degree Viewing Angle				
Brightness(lm)	60	18	36	9	15
Working Current(mA/pcs)	60	60	60	60	60
Power(W/pcs)	0.72	0.72	0.72	0.72	0.72
Operating Temperature	-25°C - 60°C				
Storage Temperature	-30°C - 70°C				
Weight	11 g/pcs				
IP Grade	IP 66				