

LED Progress Bar Light ONN-X2M-USB

Introduction:

1. With the characteristics of all LED products: energy saving and environmental protection, long life, is the inevitable trend of the future water lamp;
2. The luminous uniform, soft monochrome water effect standard models: red; Yellow; Green; Can also be customized to do magic seven colors, simple and generous, exquisite and beautiful;
3. Small volume, saving space.

Application:

automation equipment, machine tool equipment, robot warning lights, etc.

Warranty: 2 years

Certification: CE, RoHS



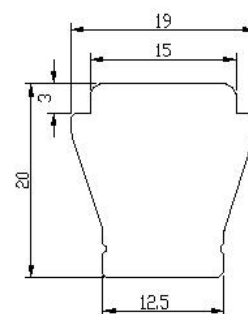
Ordering code:

ONN - XM2 - D4 - 238 - RYG - Progress Bar - USB					
1	2	3	4	5	6
1. Model No.	ONN-X2M				
2. Voltage	D: DC 5V				
3. Length	122,132,142~942 (each section adds by 10mm)				
4. Color	R: Red Y: Yellow G:Green				
6. Progress Bar	Progress bar display				
6. Mounting type	USB				

Parameter:

Input voltage(current)	DC24V
IP rating	IP65
Beam angle	110 deg
Color	Red, Yellow, Green, RYG, White
Material	PC + Aluminum PCB
Lifetime	50,000 hours
Working temperature/ humidity	-20~45℃ / 10%-90%
Storage temperature/ humidity	-40~70℃ / 10%-90%
Installation	Clips installation/ Recess installation

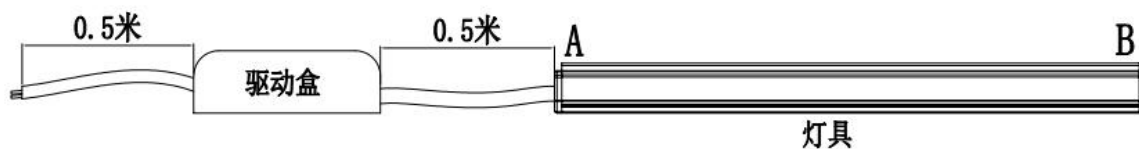
Dimension(mm)



External dimension(mm):

Length of lamp	120	130	140	150	160	170	180	190	200	~	930	940
length of the hole	116	126	136	146	156	166	176	186	196	~	926	936
Luminous surface width	15											
Hole width	16											

* Note: One driver for one luminance is standard, but one driver can be designed to connect multiple luminaries. Make sure the lamp is connected to the drive power supply, otherwise it may burn the lamp. For a single lamp more than two meters, 5V power supply needs to be added.



Operation

1. Plug the light into a USB port.
2. Open Device Manager - Right click, System Tools - Device Manager - Double-click Ports (COM & LPT) to view the COM port number.
3. Launch the USB RGB light debug driver: commassistant.exe
4. Configure settings:
 - Select the COM port (matching the number viewed in Step 2)
 - Baud rate: 9600
 - Data bits: 8
 - Stop bits: 1
 - Parity: None - Check Hexadecimal
 then paste the corresponding code into the blank area (include spaces between hex groups). Click "Manual Send" to control colors & buzzer.
5. After testing, close the software and unplug the USB.
 - Example: Send: 01 02 00 00

Before delivery the color, speed and direction of water can be adjusted according to demand (there are standard videos and custom effects for reference)

	Standard	Custom 1 fast speed	Custom 2 Slow speed		
water velocity	20	10	40		
Water lamp bead	15	5	20		
Spacer bead	3	5	1		
Standard flow direction (red) : B→A (yellow) : A→B (green) : A→B can be customized according to customer needs					

Use software to send instruction (9600 Baud, hexadecimal) to control lamp.

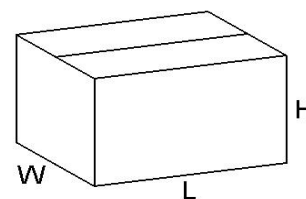
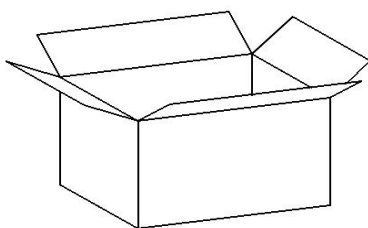
HEX Group 1	HEX Group 2	HEX Group 3	HEX Group 4
Layer	Lighting Mode	Flash frequency	End
01	02	01	00

e.g: 01 02 00 00 → The first layer of the green light steady on.

HEX Group 1	Layer		HEX Group2	Lighting Mode
01	1		0x01	Light off
02	2		0x02	Green light
03	3		0x03	Blue light
04	4		0x04	Red light
... ..			0x05	Cyan light
9	9		0x06	Yellow light
0A	10		0x07	Magenta light
0B	All		0x08	White light
			HEX Group2	Flash frequency
			0x00	Steady
HEX Group 4			0x01	Fast flash
0x00	End		0x02	Slow flash

Package info

Product Length (mm)	940
NW/pc(Kg)	0.155
Quantity (PCS)/Carton	96
GW/Carton (Kg)	17.3
Carton Size (L*W*H) mm	1260*210*200



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