

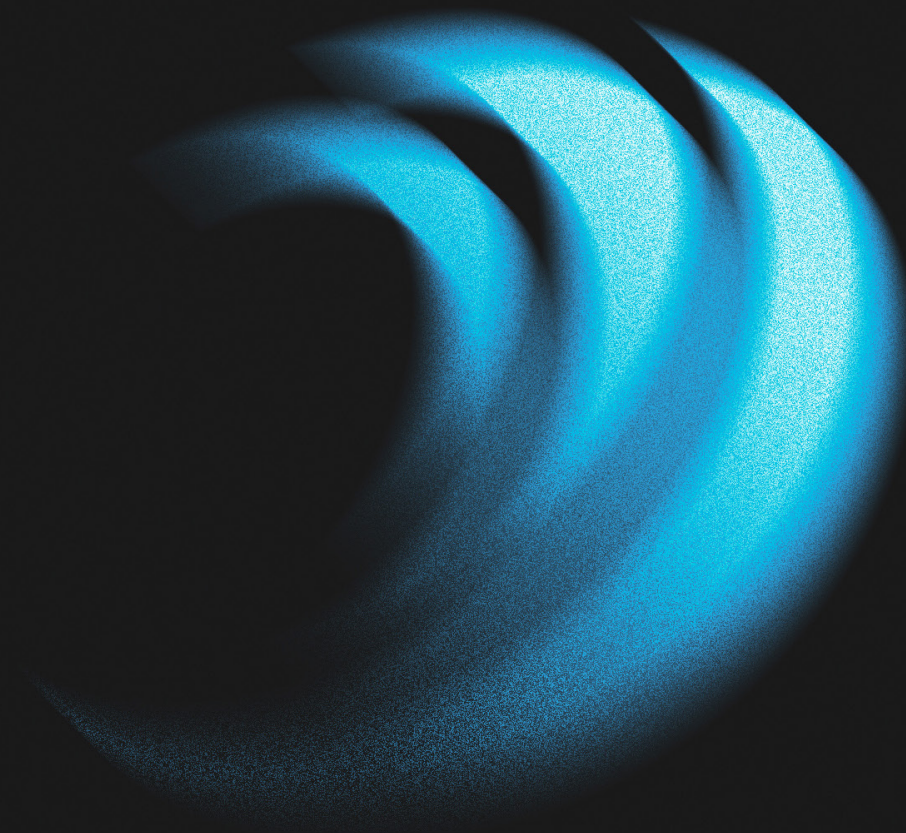


LED

STRIP LIGHT MFO3525

DC 24V

FLEXIBLE WALL WASHER





MFO3525-X3535-24-24-XX

Flexible Wall Washer

FEATURES

- Multiple lens angles available;
- Excellent attenuation performance and long lifespan;
- 3D bending design for easy installation
- Single color supports PWM, 0–10V, DALI, and DMX dimming.



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage	Lens Angle (°)	Color	Ra	CCT/Color Available	LM/m	LM/W	W/m
MFO3525-H3535-24-24-W	DC 24V	8/10/12/25/40/60/10°22/12°45/15°55	W	>80	4000K	2500	100	25
MFO3525-3535-24-24-RGBW DMX	DC 24V	12/25/40/60/10°22/12°45/15°55	R	--	620-625nm	196	28	7
			G	--	525-530nm	392	56	7
			B	--	465-470nm	84	12	7
			W	>80	3000K	392	56	7
			RGBW	--	--	1000	40	25

OTHER PARAMETERS

Model No.	LED Qty (pcs/m)	Standard Packing Length	Max Run	Min. Cutting Unit
MFO3525-H3535-24-24-W	24	5m	3m	333.3mm
MFO3525-3535-24-24-RGBW DMX	24	5m	6m	250mm

☐ Working Temperature: -20~+50°C ☐ Storage Temperature: -20~+70°C

Note:

- Test environment temperature is 25±2°C.
- The above data was measured under standard conditions and actual data may be different. We would update data without further notice.
- The above luminous flux data is based on corresponding light Color.
- If the selected LED chip is different, the color temperature and luminous flux will change accordingly.

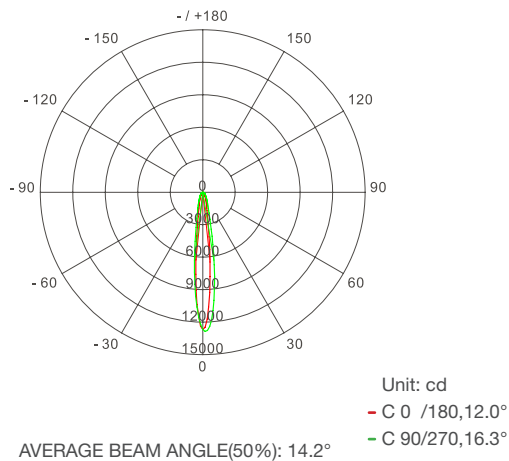
*Typical luminous flux and power error are ± 10%.

*The Max run length is based on one end power feed.

RECOMMENDED POWER SUPPLY UPON WORKING LENGTH

MFO3525-H3535-24-24-W

Operating Length (m)	1	2	3	4	5	6
Operation Voltage (DC V)	24.0					
Total current (A)	1.08	2.12	2.69	3.31	3.54	3.81
Total Power (W)	25.92	50.88	64.56	79.44	84.96	91.44
Head voltage (DC V)	24.0	23.9	23.9	23.9	23.8	23.8
Tail voltage (DC V)	23.9	23.6	23.2	22.9	22.6	22.2
Head current (mA)	365.96	348.94	340.43	336.17	327.66	327.66
Tail current (mA)	353.19	310.64	263.83	221.28	178.72	153.19
Head-to-tail voltage drop rate(%)	0.42	1.26	2.93	4.18	5.04	6.72
Head-to-tail current drop rate(%)	3.49	10.98	22.50	34.18	45.45	53.25
Single/Double feed	Single feed	Single feed	Single feed	Single feed	Double feed	Double feed



Flux Out: 345.5lm

0.02m	24889830,36591008lx	0.36cm
0.04m	6222458,9147752lx	0.73cm
0.06m	2765537,4065668lx	1.09cm
0.08m	1555614,2286938lx	1.46cm
0.10m	995593,1463640lx	1.82cm
0.12m	691384,1016417lx	2.19cm
0.14m	507956,746755lx	2.55cm
0.16m	388904,571735lx	2.92cm
0.18m	307282,451741lx	3.28cm
0.20m	248898,365910lx	3.64cm

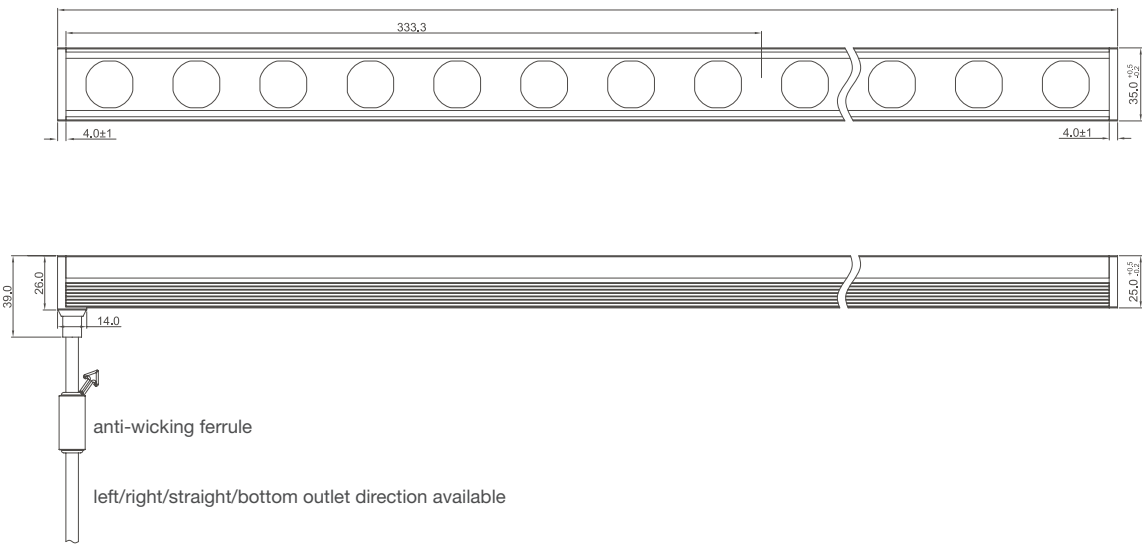
Height Eavg, Emax Beam Angle: 10.41° Diameter

Note: above data tested MFO3525-H3535-24-24-4000K RA80(12°) . For other data,please consult sales rep.

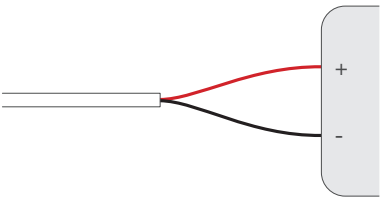
PROFILE DRAWINGS

mm [inch]

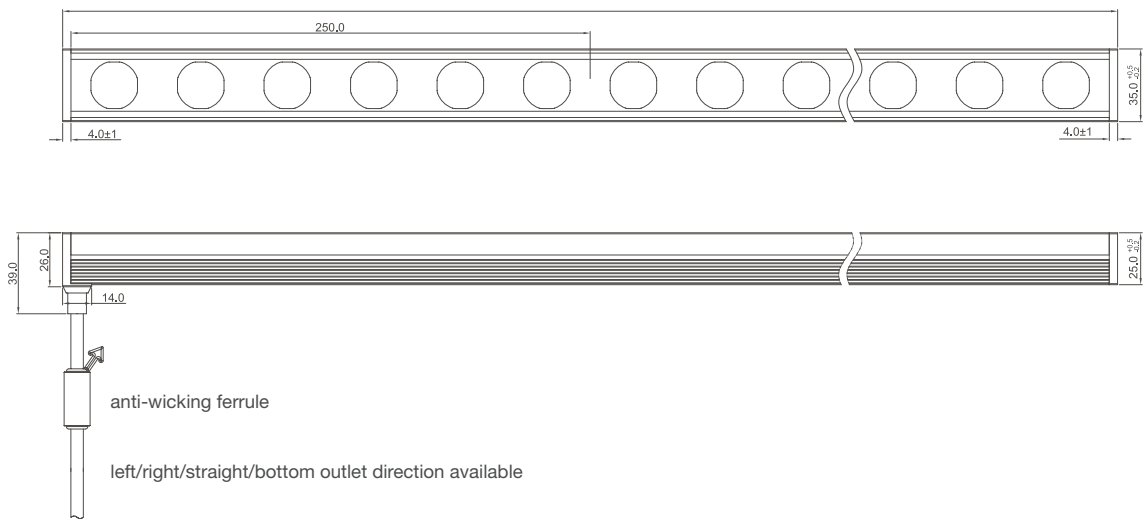
MFO3525-H3535-24-24-W



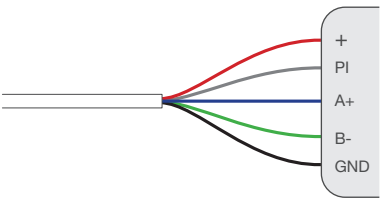
Wiring Diagram



Strip Length Tolerance Reference Table (mm)	
Strip Length (mm)	Actual Length and Tolerance (mm)
1000	1008 ⁺¹⁰ ₋₅
2000	2008 ⁺²⁰ ₋₅
3000	3008 ⁺³⁰ ₋₅
4000	4008 ⁺⁴⁰ ₋₅
5000	5008 ⁺⁵⁰ ₋₅



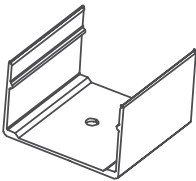
Wiring Diagram



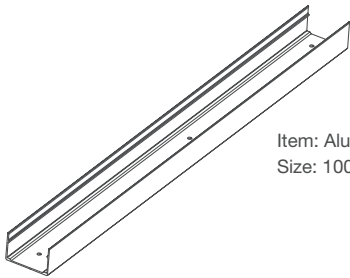
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Note:The white wire is represented in gray.

PRODUCT ACCESSORIES



Item: Aluminum clip
Size: 40*38*27mm

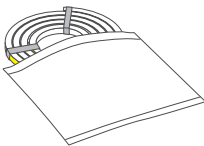


Item: Aluminum Channel
Size: 1000*38*27mm

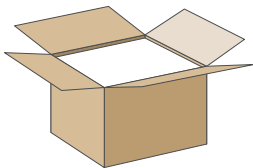
PACKAGING INFORMATION



Roll up the product



Wrap the product tightly with PE film and put it into a bag



Put the boxes into a carton



Label the carton



Use packing belt to pack.

Model No.	Product Size L*W*H (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
MFO3525-H3535-24-24-W	5000*35*25	600*600*140	5	3	12.25 (1±10%)	13.58 (1±10%)
MFO3525-3535-24-24-RGBW DMX						

NOTE:

- One piece(5m) per reel, and the reel is packed in a bag, and finally put in a carton.
- The above-mentioned packaging quantity and weight are only for the illustrated packaging method. For other packaging methods, the packaging quantity and weight will be different. The actual weight is subject to the actual product.

ATTENTIONS BEFORE INSTALLATION

- Before installation, please check whether the parameters of the product are consistent with the requirements (Seeing the Product Specification or Label).
- The voltage, current, and power of the power supply and load used must be consistent with this product.
- Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
- Product wires must be correctly connected to the positive and negative terminals of the power output, otherwise the light will not turn on.
- The power cord should be tightly screwed into the terminal, with a recommended tightness that cannot be pulled out by hand.
- The connection terminals must be effectively waterproof and corrosion-resistant.
- **If the installation length exceeds the maximum run length, extra power feed is needed.**
- **Auxiliary heat dissipation appliances must be added when the current of single LED exceeds regular value.**

WARNING

- Do not disassemble or retrofit the light. Do not touch the surface of the light with a sharp object.
- Do not do live-line working during installation,especially for high voltage product.
- Do not use any organic chemical solvents.
- Use neutral glass adhesive to fix this product and it needs to be dried 4 hours in the open environment after operation.
- Treat the ends and the circuit connection points that are not connected to the main line with insulation,waterproof, and anti-corrosion in the installation.
- Use 18AWG (0.75mm² cross-sectional area) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.
- Make sure the input voltage meets the requirements and lines are connected correctly before lighting on.
- This product is for signage, and do not use as general lighting.
- Series connection within the max run.
- The length of the power cable between the power supply and the led strip should not exceed 2 meters.Otherwise, large circuit loss will lead to inconsistent brightness.
- Installation, maintenance and repair should be operated by a qualified technician.

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