



IP20, IP65, IP67, IP68

LED

RGBW STRIPLIGHT

OTSEN DMX MODULE

OTSEN DMX-Controllable LED Strip Light features advanced 5050 RGBW technology, making it ideal for vibrant and customizable sign illumination. With a wide beam angle it ensures uniform light distribution across large surfaces. Operating at DC 12V / 24V and consuming only 14.4 W per module, it is energy-efficient and compatible with DMX512 control protocols for precise color control. High quality Epistar chip 5050 led source with gold wire bonding/copper pad ensure led strip longworking life and proved by TM-21 testing. Its IP65 rating ensures reliable performance in outdoor and harsh environments, making it perfect for a variety of lighting applications.

Application Areas

- Digital Signage
- Billboards
- Landscape Lighting
- Smartcity Lighting
- Amusement Rides



Product Features

- Constant voltage driving, support dimming/colors control.
- High quality Epistar chip 5050 led source with gold wire bonding/copper pad ensure led strip longworking life and proved by TM-21 testing.
- Flexible Double sides 20Z/30z thickness PcB made by electrolytic copper with better heatingdissipation, less voltage drop and better conductivity.
- Keep same color for different batch, and 100% full inspection for completed product.
- Strip sticked by Original 3M 300LSE adhesive or waterproof-adhesive tape on back side, have good durability in adhesion and heating.
- Optional IP20 / IP65(silicone cover/Nano coating) / IP67(tube/extrusion)/ IP68(full silicone).

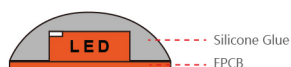
Product & Information

Luminaire Details	Product Name	OTSEN-IQON-RGBW-LED STRIPLIGHT
	Product Type	STRIP LIGHT
	Product code	OT-IQ-RGBW-SL
	Luminaire Type	SMD
	IP Rating	IP20, IP65, IP67, IP68
	Supply Voltage	12V / 24V dc
	Power W	14.4W
	Lumen (LM/Mtr.)	964 LM/Mtr.
	Available CCT	3000K, 4000K, 6500K & RGBW
	CRI	>85
	LED Quantity	60 LED/Mtr.
	PCB Width	10mm
	DMX Compactable	Yes
	Storage Temperature (Ts)	-40°C to 60°C
	Lifetime	30000 Hrs

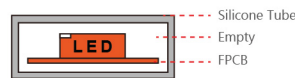
IP protection class



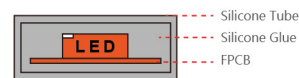
IP20/IP33
(Indoor)



IP65
(Indoor)



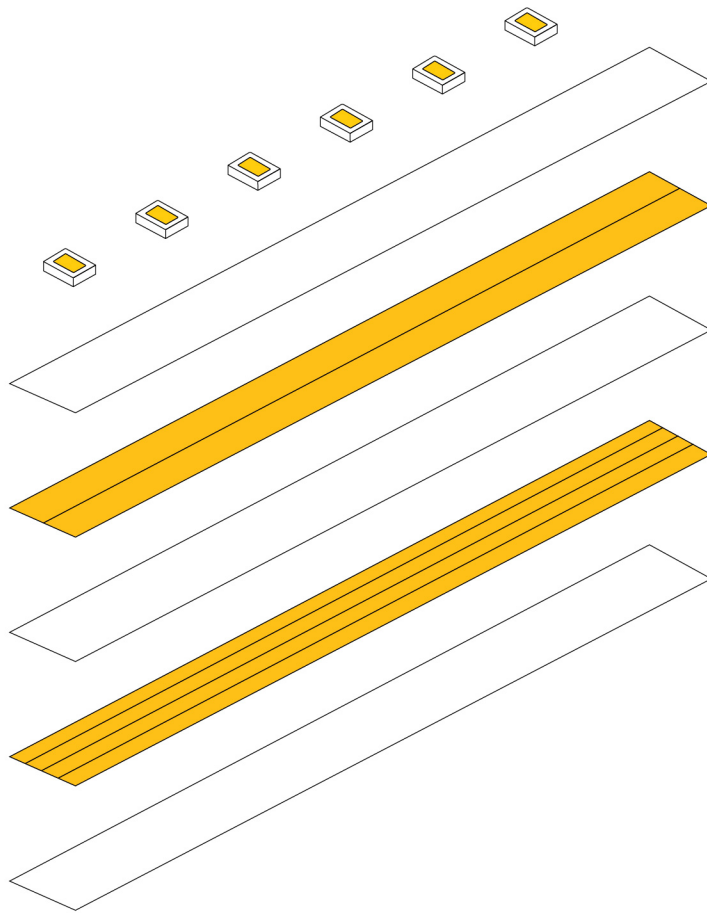
IP67
(Indoor/Semi-Outdoor)



IP68
(Outdoor)

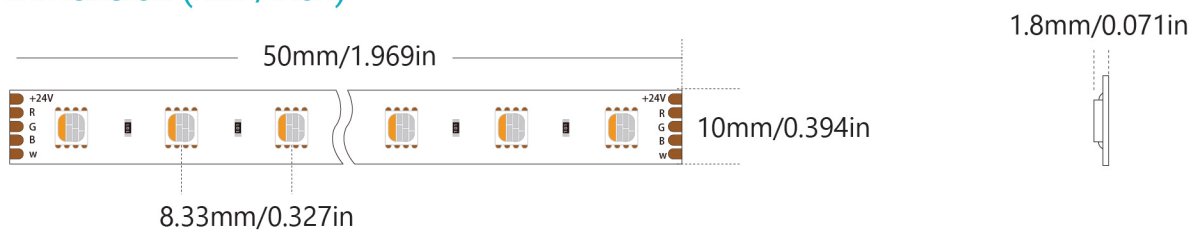


PCB Make up

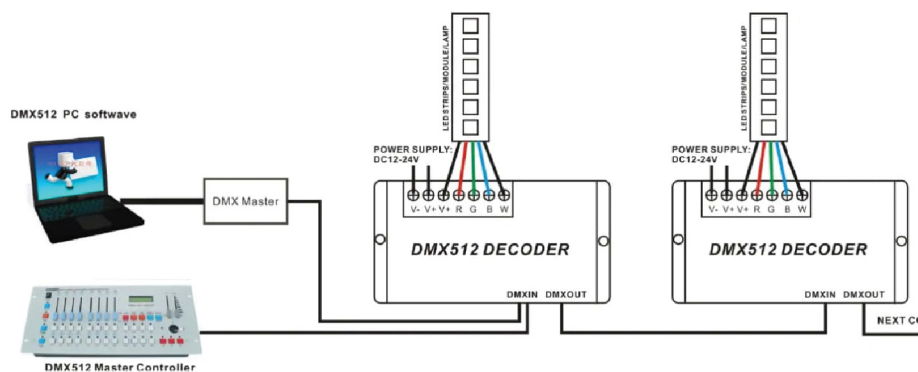


- 1 LED chips
- 2 Protective layer
- 3 99% copper made electrolytic
- 4 Lagging
- 5 99% copper made electrolytic
- 6 Protective layer

Dimension (mm/inch)



Wiring Diagram Application





© 2023 OTSEN UK PVT. LTD. all rights reserved. OTSEN reserves the right to make changes in specifications and / or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

www.otsen.co.uk