Silicone flexible led strip light- top view

Product Features:	1, **Top-Facing Light Emission:** The LED chips are arranged to emit light vertically upward (90° from the strip's surface), ensuring concentrated illumination toward the top space. 2, **Silicone Encapsulation Advantages:** Made of food-grade, high-transparency, IP67 waterproof protection, corrosion resistance, and UV resistance . 3, **Structural Design:** Flexible FR-4 is fully wrapped in silicone, resulting in a slim profile that balances flexibility and sturdiness. Minimum bending radius ⩾10mm (single direction) allows adaptation to mild curves. 4, **Optical Performance:** Available in warm white, natural white , cool white , and RGB/RGBW variants. High CRI (Ra ⩾ 80/90) . Beam angle: 120°–150°. high brightness and no dark spots. 5, **Electrical Stability**: Low voltage 12V/24V DC, effective power consumption , and high luminous flux . 6, **Flicker-free :** No video / mobile phone flicker. dimming (PWM ⩾20kHz) supports brightness adjustment from 10% to 100%.

Advantages:	1, **Targeted & Uniform Illumination:** Top-view design directs light precisely upward, making it perfect for illuminating ceilings, coves, or overhead spaces without wasting light on unnecessary directions. Silicone diffusion ensures no visible LED dots, creating a high-end, seamless aesthetic. 2, **All-Round Protection:** Silicone housing shields internal LEDs from moisture, dust, oil, and physical impact—suitable for both indoor humid environments and outdoor protected areas. 3, **Durability & Longevity:** Silicone's weather resistance and the PCB's efficient heat dissipation extend the service life to ⩾50,000 hours (L70). The strip resists yellowing, cracking, and corrosion even under long-term use. 4, **Easy Installation & Concealment:** Slim, flexible design allows hidden mounting in ceiling gaps, cornices, or under upper cabinets. Clips enables tool-free installation; cutting intervals (50–100mm, depending on model) support custom lengths. 5, **Safety & Versatility:** Low working voltage (12V/24V) eliminates electric shock risks. Compatible with dimmers, controllers (for RGB models), and smart home systems. Food-grade silicone options are safe for use in food contact areas (e.g., restaurant kitchens).

Product details:	LED type	2835 / 5050/ 3528/ 2216 smd; COB	
	Model number	WK-SPxx-xx	
	Housing material	silicone	
	Size	see [topview size list]	
	Input voltage	DC 12V/24V	
	LED qty	customizable	
	Power Consumption	based on led qty	
	Color temperature	R/G/B / 1800-7000K/ RGB/ RGBW…	
	CRI (Ra)	> 80/90/95	
	Beam angle	120°	
	Lumens per watt	>90 lm/w	
	IP grade	IP 67/68	

Packaging details:	Meters per roll	5M/ 8M / 10M…customizable	Anti-static bag + foam buffer + carton box
	Rolls per carton	100 rolls / 50 rolls	
	Carton dimension		

Commitment:	1. Brand chip: Samsung, Osram, Philips, Epistar 2. Double PCB, reduce the voltage drop. 3, Comply with international standard: CE,ROHS, UL,PSE etc. 4. Quality guarantee : 2/3 years. (Warranty does not cover damage caused by improper use, installation, or modification.)

	Feature	Side View	Top View
Key Difference (side view VS top view)	Light Direction	Lateral (horizontal)	Upward (vertical)
	Ideal For	Wall washing, edge lighting	Ceiling coves, overhead ambient
	Glare Risk	Lower (light directed away from eyes)	Higher (direct upward glow)
	Installation Position	Wall recesses, cabinet sides	Ceiling gaps, under-cabinet tops

Notes & Warnings:	1, Use a dedicated LED driver with matching voltage and current rating to avoid overloading. 2, For 12V strips longer than 5m or 24V strips longer than 10m, dual-end power supply is recommended to prevent voltage drop. 3, Cutting must be performed at designated cutting marks (if applicable); avoid damaging the PCB or silicone housing. 4, Do not immerse non-waterproof (IP20) models in water or expose to heavy moisture. 5, Avoid bending the strip beyond the minimum bending radius to prevent LED chip or PCB damage. 6, During installation, ensure proper heat dissipation; do not cover the strip with heat-insulating materials for long-term use. 7, Static-sensitive: Wear anti-static gloves when handling the strip to avoid electrostatic damage to LED chips.

Applicatons:	1, **Home Ceiling Ambient Lighting:** Installed in ceiling coves, cornices, or recessed channels to cast soft upward light, creating a spacious, warm atmosphere in living rooms, bedrooms, or hallways. Ideal for modern minimalist interiors. 2, **Kitchen & Bathroom Lighting:** Mounted under upper cabinets (top-facing to illuminate countertops) or along bathroom ceiling edges The uniform glow enhances visibility for cooking or grooming without glare. 3, **Commercial Interior Design:** Retail stores, restaurants/cafés , and hotels . 4, **Architectural Decoration:** Indoor/outdoor building cornices, eaves, or facade recesses to outline architectural contours at night. Suitable for malls, office buildings, or residential complexes. 5, **Furniture & Custom Lighting:** Bookcase top edges (illuminating upper shelves), bed headboard upper trim (soft night lighting), or display cabinets (highlighting collectibles with high CRI). 6, **Outdoor Protected Areas:** Patio ceilings, pergola edges, or porch overhangs to provide gentle upward lighting for outdoor gatherings without exposing LEDs to rain or dust.

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