



Magnetic Track Light, 12 W RGB+CCT Foldable Grille, 48 V, 24-Degree Beam, IP20

- 12 W output with 24-degree beam for accent and display lighting
- RGB plus tunable white, 2700 K to 6500 K, at CRI 80
- 48 V magnetic mounting to flush or surface 20-style rail
- 2.4 GHz wireless control with 50 m open-area range
- Aluminum housing in black finish, 17.32 × 4.03 × 0.86 inches
- IP20 rated for -10 to 40 degrees C interiors, CE certified

OVERVIEW

The 9-TK-FT12W-FG-RGBCCT is a foldable magnetic grille light for 48 V magnetic track systems used in retail displays, showrooms, galleries and hospitality interiors. The aluminum body measures 17.32 × 4.03 × 0.86 inches in a black finish and attaches magnetically to flush-mounted or surface-mounted 20-style rail.

Output is 12 W with a 24-degree beam angle, RGB plus tunable white from 2700 K to 6500 K, and CRI 80. Wireless 2.4 GHz control reaches 50 m in open areas, with smartphone app and third-party voice control available through a 2.4 GHz gateway. Rated IP20 and non-waterproof for dry interior use, with an operating range of -10 to 40 degrees C and 50,000 hour LED life.

CE certified and supplied with a 1-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	900 lm/W
Color Temperature	2,700 K
Selectable CCT *	CCT
CRI	80
Beam Angle	24°
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	17.32×4.03×0.86 inch
Finish	Black
Material	Aluminum
Mounting	Magnetic track, flush or surface mounted rail

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	48 V
Wattage	12 W
Power Supply Input	110

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non - Waterproof
Ambient Operating Temperature	-10-40 °C 14-104 °F

CERTIFICATIONS & COMPLIANCE



CE

APPLICATIONS

- Retail display and merchandise lighting
- Showroom and gallery interiors
- Hospitality lobbies and lounges
- Residential kitchen and living areas
- Commercial office accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	900 lm/W	db	high
cct_k	2,700 K	pdf	high
cct_selectable	CCT	db	low
cri	80	db	high
beam_angle_deg	24°	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	48 V	pdf	high
wattage	12 W	pdf	high
ps_input	110	db	high
product_dimensions	17.32×4.03×0.86 inch	db	high
finish	Black	db	high
material	Aluminum	db	high
mount_type	Magnetic track, flush or surface mounted rail	pdf	high
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	-10–40 °C	db	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.