

Magnetic LED Spotlight 12W Tunable White 2700K–6500K RF Dimming DC 48V

OVERVIEW

The 9-TK-12W-CLA-CT is a DC 48V magnetic track LED spotlight designed for tunable white applications in commercial interiors, retail displays, and accent lighting installations on compatible 48V low-voltage magnetic track systems. The fixture supports continuous color temperature adjustment from 2700K to 6500K via 24 GHz RF control with an effective range of 30 meters, allowing zone-level tuning without hardwired dimming infrastructure.

The spotlight operates at 12W and delivers 1100 lm with a 60-degree beam angle, suitable for general ambient or wide-accent coverage. Rated for operating temperatures from -10°C to 40°C (14°F to 104°F), the unit is appropriate for conditioned commercial environments. CRI is rated above 80 per datasheet specifications.

No certifications are confirmed in the available source data. Consult your Poli LED & Signs representative for compliance documentation applicable to your project jurisdiction.

SPECIFICATIONS

Power	12 W	Beam angle	60 °
Luminous flux	1100 lm	Input voltage	48 V
CCT	2700-6500 K	Operating temp	-10 to 40 °C
CRI	80		