

PL-M-280B

Overview

The Prolite 10R 3IN1 Beam 280 is a versatile hybrid moving head fixture that combines Beam, Spot, and Wash functions in a single compact unit. Powered by a 280W 10R discharge lamp, it delivers an intense output with a crisp 8,000K color temperature, ensuring stunning visual effects for professional applications.

With a flexible 0°–40° motorized zoom, the fixture seamlessly shifts from ultra-sharp narrow beams to wide spot and wash projections. Its dual gobo wheels, vibrant color system, rotating prisms, and frost filter give lighting designers a complete toolbox for dynamic stage effects. Designed for concerts, theaters, clubs, and large-scale events, the Prolite 10R 3IN1 guarantees precision, power, and reliability in demanding environments.

Product Specification

Item	Specification
Input Voltage	AC 100–240V, 50/60Hz
Power Consumption	500W
Lamp Source	OSRAM SIRIUS HRI 330W / Philips MSD Platinum 16R 330W (10R class)
Color Temperature	8,000K
Zoom Range	0° – 40°
Beam Mode	0° – 7°
Spot/Wash Mode	5° – 40°
Focus	Electronic Focus
Color Wheel	14 fixed colors + open, rainbow effect
Rotating Gobo Wheel	9 gobos + open
Static Gobo Wheel	17 gobos + open
Prism	16-facet & 32-facet rotating prisms
Dimmer	0 – 100% linear electronic dimming
Frost	0 – 100% frost effect
Strobe	Variable speed strobe effects
Color Macros	Pre-programmed effects
Control Protocol	DMX512 / Automatic / Master-Slave
DMX Channels	16 / 18 / 20 CH
Display	LCD
DMX Connectors	3-pin & 5-pin XLR in/out
Pan	0° – 540°
Tilt	0° – 250°
Resolution	16-bit fine control
Dimensions	41 × 34.5 × 56.5 cm
Net Weight	17 kg

Feature

- Hybrid 3-in-1 functionality: Beam (0–7°), Spot (5–40°), and Wash (up to 40°) in one fixture.
- Powerful light engine: 280W 10R discharge lamp with 8,000K color temperature for high output and sharp clarity.
- Advanced color system: 1 color wheel with 14 fixed colors + open, including rainbow and split color effects.
- Dual gobo wheels:
 - 1 rotating gobo wheel with 9 gobos + open.
 - 1 static gobo wheel with 17 gobos + open.
- Dynamic effects: 16-facet and 32-facet rotating prisms, frost filter, smooth 0–100% linear dimming, and variable-speed strobe.
- Precision optics: Electronic focus with crisp beam edges and smooth transitions.
- Accurate positioning: 540° pan and 250° tilt with 16-bit resolution.
- Flexible control: DMX512, automatic, and master/slave modes with selectable 16/18/20 channel profiles.
- Tour-ready: Compact, rugged housing (17 kg) with LCD display and both 3-pin & 5-pin DMX connectivity

