

# PL-NM-300

## Overview

The PL-NM-300 is a powerful 300W COB LED moving head designed for professional stage, touring, and event applications. With its motorized zoom, dual gobo wheels, vibrant color system, multiple prisms, and advanced DMX/RDM control, it delivers precise optics, dynamic effects, and long-lasting performance in a compact, reliable housing.

## Product Specification

Light Source	1×300W COB LED
Lamp Lifetime	50,000 hours, MTBF ≥20.000h
Beam Angle	9–24°
Rotating Gobos	1 wheel, 7 gobos + open
Static Gobos	1 wheel, 9 gobos + open
Color Wheel	9 colors + white
Prisms	3 prisms, independently rotatable forward/backward
Dimming	0–100% linear, Flicker-free (PWM ≥2kHz–25kHz)
Strobe	0–30 flashes/sec
Pan/Tilt	Pan 540° / Tilt 270°, 16-bit electronic correction
Control Modes	DMX512 / Automatic / Master-Slave / Sound Activation / RDM
DMX Channels	17 channels
Display	LCD
Power Supply	AC 100–240V, 50/60Hz
Max Power Consumption	450 W
Connections	PowerCon In/Out, DMX 3/5-pin XLR
IP Rating	IP20
Dimensions (W×H×D)	205×540×300 mm
Weight	13 kg

## Feature

- High-output 300W COB LED delivering bright, consistent illumination with 50,000-hour lifespan.
- Rotating gobos (7+open) and static gobos (9+open) for versatile pattern projection.
- 9-color wheel + white and 3 independently rotating prisms for dynamic, customizable effects.
- Smooth and precise movement with Pan 540° / Tilt 270° and 16-bit electronic correction.
- Linear dimming 0–100%, strobe up to 30 flashes/sec, with intuitive LCD display.
- Multiple control options: DMX512, automatic, master-slave, sound activation, RDM.
- Compact, durable design (205×540×300 mm, 13 kg) with AC 100–240V, PowerCon & DMX 3/5-pin, 450W max.

