

PROJECT	FIRM	ORDER #	TYPE	QTY
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The PL-SFX CM400 is a 400 W LED cyclorama light with a plate-material shell – high efficiency, energy saving and durable, for indoor stage use. Designed and produced to CE standards with full DMX512 compatibility, it works standalone or linked, and suits large theatres, studios, discos and art-performance venues.

Specially designed for stage curtains, wall wash and cyclorama effects, with a RGBBCAL 7-colour system (2700–8000 K) and HSIC colour mixing for a CRI above 97. Built-in position and LED calibration, 1–25/sec strobe and a touch display make setup and operation simple for touring and installation.

Features

- 400 W LED cyclorama / stage light — RGBBCAL 7-colour system, CRI > 97.
- Colour temperature 2700–8000 K with HSIC colour mixing.
- Interchangeable 30° / 80° heads; optimal projection distance 8–50 m.
- DMX 512 / RDM with multiple channel modes (7 / 9 / 11 / 15 / 17 / 22).
- 0–100% linear dimming and 1–25/sec strobe; built-in position & LED calibration.
- Aluminium-alloy body with touch display (usage time, fan speed, modes).

At a glance

⚡ Power 400 W	◆ Protection IP20	☀ Beam 30° / 80° heads	✦ CRI CRI > 97	✦ Control DMX 512 / RDM 7–22 channels	★ Source life ≥ 20,000 h
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Variant matrix

DMX channel modes: 7 / 9 / 11 / 15 / 17 / 22-channel.

PL-SFX CM400	Mode	Channels	Beam	Colour	Control	Source
Basic	7-channel	7	30° / 80°	RGBBCAL	DMX / RDM	400 W LED
Full	22-channel	22	30° / 80°	RGBBCAL · HSIC	DMX / RDM	400 W LED

Specifications

Series	Stage Light Series — LED Cyclorama
Model	PL-SFX CM400
Light source	400 W LED
CRI	> 97 Ra
Colour LEDs	RGBBCAL — 7-colour
Colour temperature	2700-8000 K
Colour mixing	HSIC
Optimal projection distance	8-50 m
Beam angle	30° / 80° (interchangeable heads)
Dimming	0-100% linear
Strobe	1-25 / sec
Control mode	DMX 512 / RDM
DMX channels	7 / 9 / 11 / 15 / 17 / 22
Protection class	IP20
Input voltage	AC 100-240 V · 50/60 Hz
Power consumption	400 W
Material	Aluminium alloy
Light source life	≥ 20,000 hours
Net weight	17 kg
Dimensions	617 × 310 × 328 mm
Calibration	Built-in position & LED
Display	Usage time · fan speed · modes

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Dimensions

Fixture

Overall 617 × 310 × 328 mm; net weight 17 kg. Plate-material aluminium-alloy shell on a yoke bracket.

Optics & colour

RGBBCAL 7-colour system (2700-8000 K) with HSIC mixing and CRI > 97. Interchangeable 30° / 80° heads; 1-25/sec strobe.

Installation

Mounting

- Rig by the yoke / omega brackets to truss or a stable surface; fit the 30° or 80° head as required. Run built-in position and LED calibration after installation.
- The touch display shows operating modes, fan speed and usage time.

Electrical & control

- Power from AC 100-240 V, 50/60 Hz.
- Control over DMX 512 / RDM in 7-22-channel modes; runs standalone or linked.
- IP20 — indoor use; automatic over-temperature protection.

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Configure your product

The PL-SFX CM400 is a single fixture — select the DMX channel mode (7 to 22) to suit your console, and the 30° or 80° head for the throw required.

#	Setting / options
1	Control: DMX 512 / RDM (standalone or linked)
2	Channel mode: 7 · 9 · 11 · 15 · 17 · 22-channel
3	Head: 30° or 80° interchangeable · RGBBCAL 7-colour · HSIC mixing

Example product codes

22-channel mode — full colour, mixing and strobe control

7-channel mode — core colour and dimming control

DMX control

The PL-SFX CM400 is controlled via DMX 512 / RDM, with channel modes from 7 to 22 channels. It works standalone or linked, with a touch display for addressing and modes.

DMX modes

Mode	Channels	Use
Basic	7-channel	Core colour & dimming
Standard	11 / 15-channel	Colour, mixing, strobe
Full	22-channel	All features

Control notes

- DMX 512 / RDM — 7 to 22 channels.
- Standalone or linked operation.
- Touch display: usage time, fan speed, modes.