PROFESSIONAL LIGHTING

SnowSTAGE

Fresnel HEX 1

A full-colour LED Fresnel for theatre, broadcast, studios and outdoor stages. The six-colour RGBALC engine blends colours evenly, while the Colour Consistency System keeps colour and white tones consistent. Motorised zoom lets you move from a tight beam to a broad wash.

- **400 W** RGBALC
- **15°–83°** ZOOM
  15°–50° beam · 22°–83° field
- **IP66** RATED
- **CRI ≥95** COLOUR
- **1800–10,000 K** CCT
- **DMX / RDM** CONTROL



400 W RGBALC • IP66 • PROFESSIONAL LED FRESNEL

TECHNICAL OVERVIEW

SnowSTAGE Fresnel HEX 1

400 W RGBALC • MOTORISED ZOOM FRESNEL

CORE SPECIFICATION

Technical specifications

OPTICAL SYSTEM

Light source	**400 W RGBALC LED**
Motorised zoom	**15°–83°**
Beam angle	**15°–50°**
Field angle	**22°–83°**
CCT range	**1800–10,000 K**
Colour rendering	**CRI (Ra) ≥95**
Luminous flux	**12,900 lm**
Centre illuminance	**4,800 lx at 5 m (15°)**

ELECTRICAL & CONTROL

Input voltage	**100–240 V AC, 50/60 Hz**
Maximum power	**450 W**
Power connections	**Input and output**
Signal connections	**3- or 5-pin XLR in/out, USB-C**
Control	**DMX512, RDM, NFC, Bluetooth, Wi-Fi**
Local control	**Display, custom mode, dimmer knob**
Dimmer	**0–100%, 16-bit**
Strobe	**0–25 Hz**

HOUSING & ENVIRONMENT

Dimensions (H × W × D)	**464 × 331 × 400 mm**
Weight	**10.3 kg**
Housing	**Die-cast aluminium, black**
Cooling	**Forced convection**
Ambient temperature	**−20 °C to +45 °C**
Ingress protection	**IP66**
Listed markings	**CE / MET**

OPTICAL PERFORMANCE

Centre illuminance at 5 m

15° NARROW

4,800 lx

Ø 1.32 m

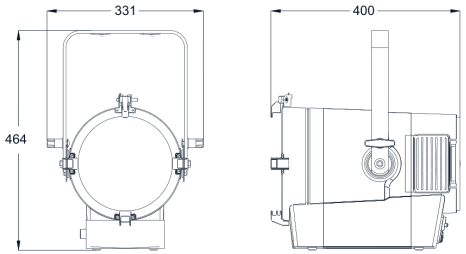
50° WIDE

425 lx

Ø 4.66 m

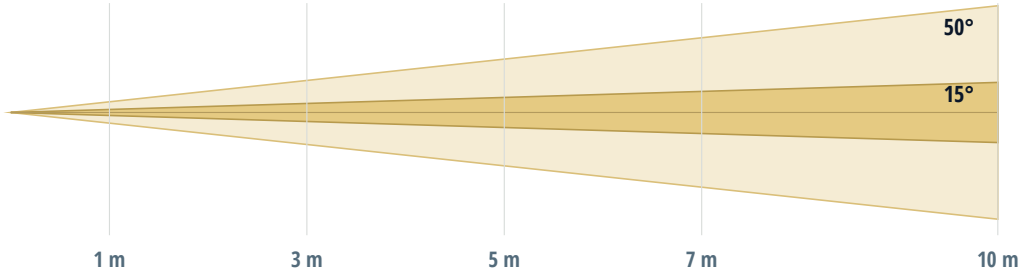
DIMENSIONS

Front and side views · mm



PHOTOMETRIC DATA

Centre illuminance and beam diameter at each throw distance



Throw distance	1 m	3 m	5 m	7 m	10 m
15° centre illuminance	**120,000 lx**	**13,333 lx**	**4,800 lx**	**2,449 lx**	**1,200 lx**
15° beam diameter	0.26 m	0.79 m	1.32 m	1.84 m	2.63 m
50° centre illuminance	**10,625 lx**	**1,181 lx**	**425 lx**	**217 lx**	**106 lx**
50° beam diameter	0.93 m	2.80 m	4.66 m	6.53 m	9.33 m