

SLC IP LED SPOT(WITH FRAMING)

SMART Defender



Product parameters

Optical system

Source: 1800W RGBALC LED

Light source life expectancy : 20,000 hours Average Light Source Life*

CRI: Ra:99, R9:99

Fixture Output: 35000lm

Movement

Pan: 540 ° (16 bit)

Tilt: 270 ° (16 bit)

Auto X/Y repositioning

Color system

RGBALC six-color natural color mixing

Linear CMY effect

Linear color temperature: 2500K - 10000K

1 Color wheel: 5 dichroic filters + open

Color management system, featuring 236 colors, with one channel corresponding to one color.

Gobo system

2 Rotating gobo wheel: each with 7 interchangeable gobos+ open. Gobo OD: 30mm

1 Static gobo wheel: 5 gobos + open

1 Animation wheel

Effects

Motorized focus

Zoom range: 4 ° -55 °

Auto focus

1 rotating prism wheels: 4 facet + 4 linear. Dynamic prism morph to produce various beam and kaleidoscope effects.

Light frost, heavy frost

Framing system

Iris

Dimming: 0-100% linear dimming
Strobe: electronic with various speed
GAMMA: 2.0, 2.2, 2.4, 2.6, 2.8, to fit different camera's linearity

Refresh rate: 900Hz-25000Hz

Protection rating

IP66

Display

Battery operated for fast addressing, 45 seconds standby auto lock

Pan/ Tilt disengage (hold LEFT and RIGHT button)

Software

Upgrade with DMX
Remote reset DMX address, fixture reset by DMX
Run time of light source and fixture
2 Control channel modes: 49/73CH

Auto thermal protection circuit

Control

Input signal isolation
RDM protocol

IoT cloud platform control: Optional

Electric parameter

AC200-240V, 50/60Hz

Power: 2100W

Dimension and weight

Product dimension: 444x315x820mm

Net weight: 44 kg

***Testing conditions in the lab may differ based on various factors.**

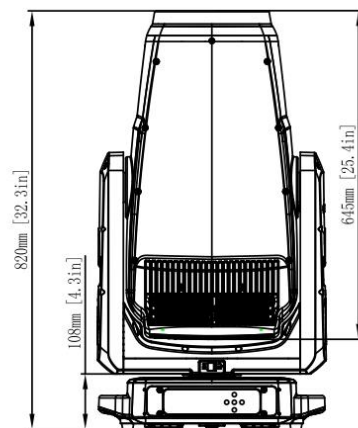
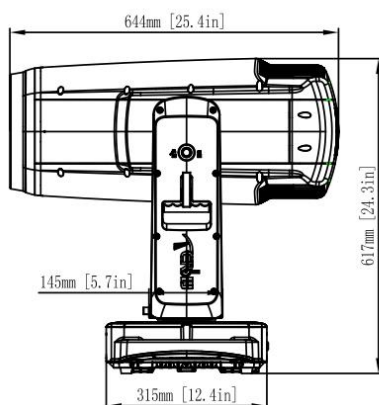
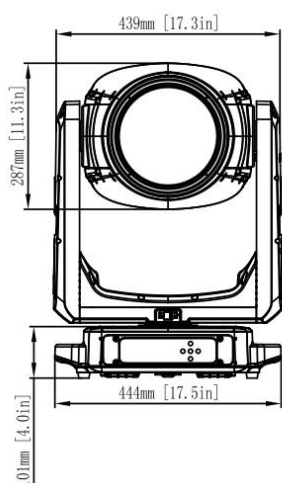
Colours/ Gobos

COLOR WHEEL: 

ROTATING GOBO WHEEL I: 

ROTATING GOBO WHEEL II: 

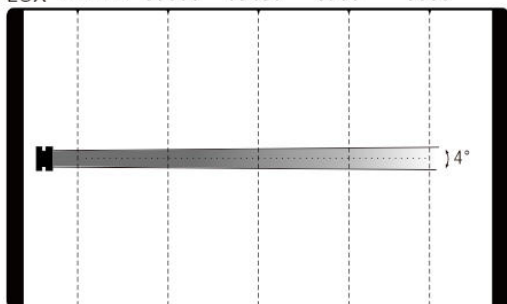
Dimensions



Photometrics

Min Beam angle (4 °)

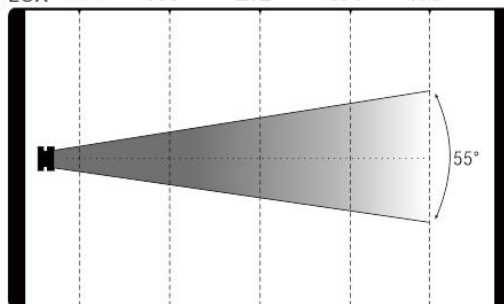
Intensity LUX 141000 35000 15450 8760 5600



Distance(m) 5 10 15 20 25
Diameter(m) Φ 0.35 Φ 0.68 Φ 1.03 Φ 1.37 Φ 1.72

Min Beam angle (55 °)

Intensity LUX 2628 658 292 174 105



Distance(m) 5 10 15 20 25
Diameter(m) Φ 5.22 Φ 10.3 Φ 15.85 Φ 20.5 Φ 25.7

Errors and omissions are possible. All specifications are subject for change without prior notice.