

SLC IP LED SPOT(WITH FRAMING)

SMART Defender



Product parameters

Optical system

Source: 1800W 6-color full-spectrum LED module

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

CRI: up to 99 ; R9: up to 99 ; R13: up to 98 ; TLCI : 99 ; TM-30-18 : Rg/
Rf 104/95 ; Hue ≤ 0.005 ; Tint : ± 0.003 ; CQS ≥ 95

Fixture Output: 35000lm

Movement

Pan: 540 ° (16 bit)

Tilt: 270 ° (16 bit)

Auto X/Y repositioning

Color system

RGBACL six-color natural color mixing

Linear CMY effect

Linear color temperature: 1800K - 10000K

1 Color wheel: 5 dichroic filters + open

Color Management System

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 linear + 8 facet. Dynamic prism morph to produce various beam and kaleidoscope effects.

Light frost, heavy frost

Framing: 4 individually positionable blades with $\pm 90^\circ$ rotation of the complete 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: 40/62CH

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: 315x439x820mm

Net weight: 44 kg

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

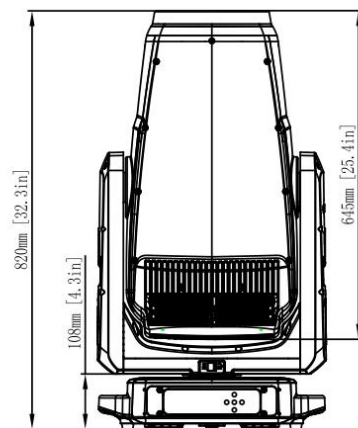
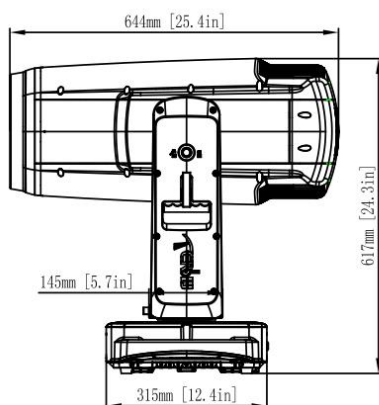
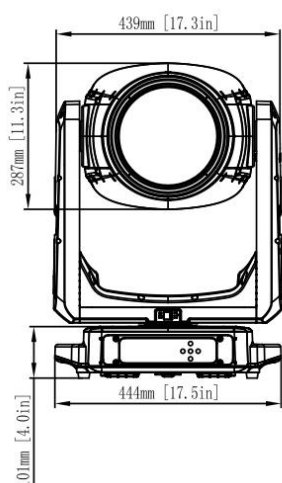
Colours/ Gobos

COLOR WHEEL: 

ROTATING GOBO WHEEL I: 

ROTATING GOBO WHEEL II: 

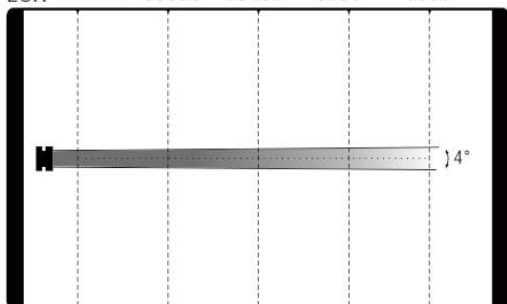
Dimensions



Photometrics

Min Beam angle (4 °)

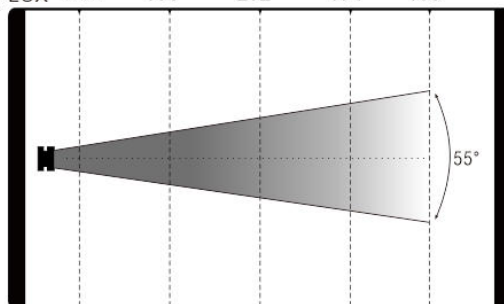
Intensity LUX 141000 35000 15450 8760 5600



Distance(m) 5 10 15 20 25
Diameter(m) Φ0.35 Φ0.68 Φ1.03 Φ1.37 Φ1.72

Min Beam angle (55 °)

Intensity LUX 2628 658 292 174 105



Distance(m) 5 10 15 20 25
Diameter(m) Φ5.22 Φ10.3 Φ15.85 Φ20.5 Φ25.7

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