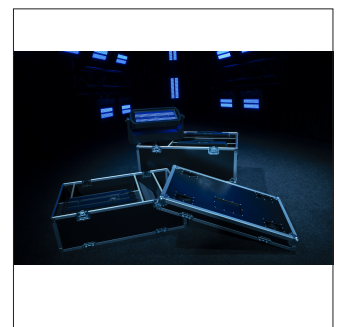


200600 Infinity Raccoon S420/4

Professional strobe/wash



The Infinity Raccoon S420/4 is a very powerful strobe/wash combination fixture with a beam angle of 110 degrees. It has ten individually controllable sections with 42 RGBW LEDs each that deliver wash effects of up to 30,400 lumens when combined. The white part of the RGBW LEDs has a CRI of 92, which is very high for a product of this type.

The strobe effect is created by a row of 35 ultra-bright CW LEDs, each capable of strobing at 20 W for a total of 700 W of LED strobe power (over 70,000 lumens)! The strobe LEDs have a special lens to optimise the output angle. The LEDs are positioned in a line in the centre of the fixture in between the wash LEDs. They can be used in continuous output mode, but are tuned down to 12 W (over 54,200 lumens) in this mode for thermal reasons.

The LEDs are soldered onto a black PCB, so the strobes are inconspicuous when switched off. The cooling fans can be set to a slow mode to keep them whisper quiet. With the optional L bracket, the IP65-rated housing can be mounted vertically or at an angle, while still being balanced (no torque force on the mount). Other optional accessories include a top hat, a barn-door

Special features:

- Ultra-bright strobe/wash combo
- 35 CW LEDs
- 420 RGBW LEDs
- Ten individually controllable sections
- High CRI (>92)

Specifications:

- Source

Light Source Type	LED
Light Source Quantity	420
Light Source Power	2 W
LED Colour Type	CW, RGBW
Life Expectancy	50000 h
Refresh Rate	12000 Hz
Luminous Flux (Total)	96661 lm
Luminous Flux (Red)	5035 lm
Luminous Flux (Green)	10060 lm
Luminous Flux (Blue)	2525 lm
Luminous Flux (White)	11800 lm
CRI	92
CCT	6500 K

- Control and Programming

Control Mode	DMX, Manual
Protocols	DMX, RDM
Wireless	LumenRadio
Display	OLED

- Dynamic Effects

Dimmer	0-100 %
Strobe	0-20 Hz

- Electrical Specification and Connections

Power Supply	100-240 V AC 50/60 Hz
Power Consumption	860 W
Power Connector In	Power Pro True
Power Connector Out	Power Pro Trie
DMX Connector	XLR 5P In/Out
DMX Connector In	XLR 5P
DMX Connector Out	XLR 5P

- Mechanical Specifications

Height (mm)	351 mm
Width (mm)	617 mm
Depth (mm)	157 mm
Weight	17.8 kg
IP Rating	IP65
Housing	Aluminium
Colour	Black

Specifications:

- Product Properties

Cooling

Convection/Axial fan

- Rigging

Mounting Options

Quick-Lock

Safe Attachment

Yes

- Thermal Specifications

Maximum Ambient Temperature

45 °C

Minimum Ambient Temperature

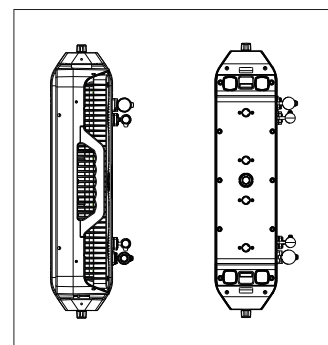
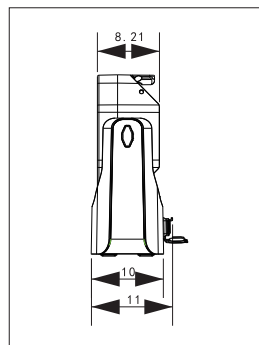
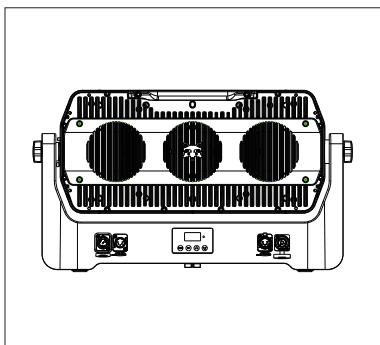
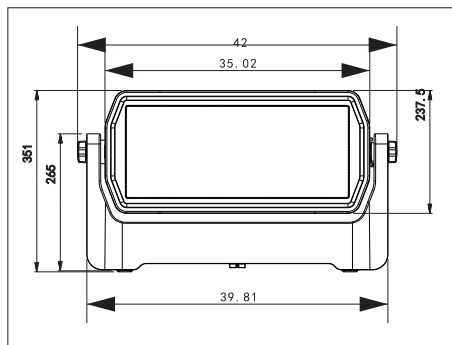
-20 °C

- Included Items

Included Cables

Power Pro True Cable

Technical drawings:



Product Accessories:

200620 Top hat - metal top hat

200621 Barndoor - 4-leaf metal barndoor

200622 L-Bracket aluminium

200623 Case for 3x Raccoon S420/4 with accessory compartments

200625 Diffuser 20°

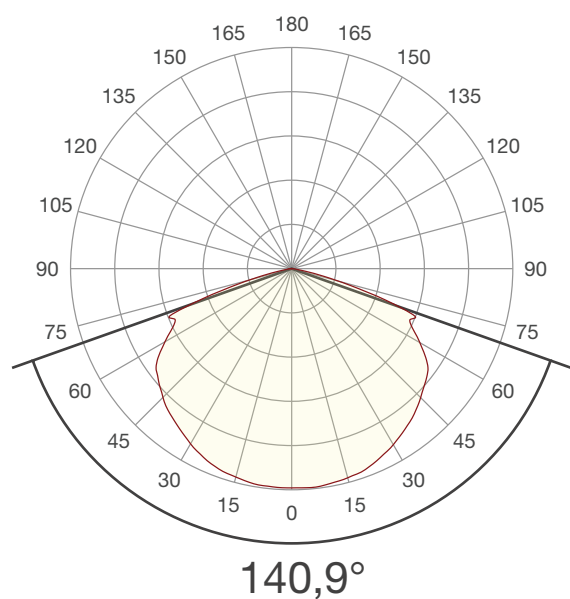
200626 Diffuser 40°

200627 Diffuser 90°

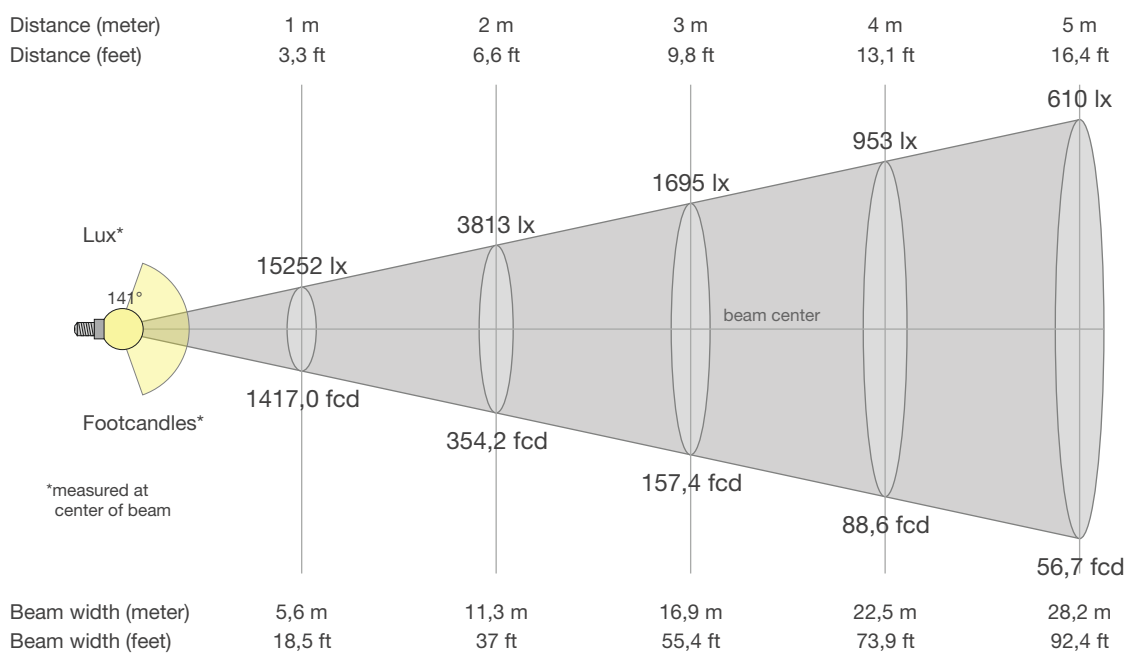
200628 Diffuser 15° x 60°

Measurements:

Angular Beam Distribution - Strobe only



Beam Details - Strobe only

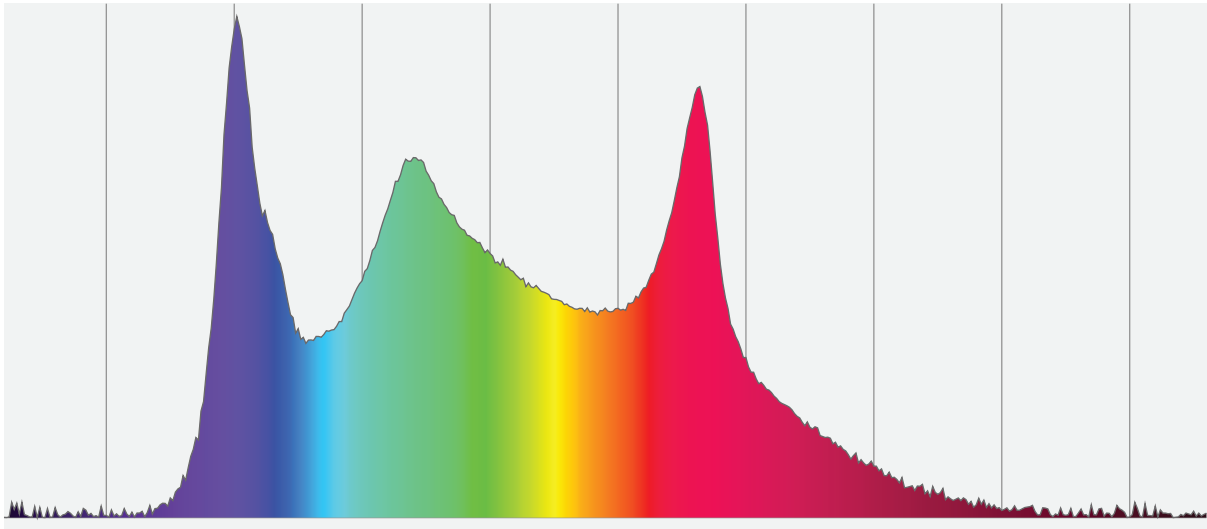


Beam Illuminances from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
15252lx	3813lx	1695lx	953lx	610lx	424lx	311lx	238lx	188lx	153lx	126lx	106lx	90lx	78lx	68lx	60lx	53lx	47lx	42lx	38lx
1417fcd	354,2fcd	157,4fcd	88,6fcd	56,7fcd	39,4fcd	28,9fcd	22,1fcd	17,5fcd	14,2fcd	11,7fcd	9,8fcd	8,4fcd	7,2fcd	6,3fcd	5,5fcd	4,9fcd	4,4fcd	3,9fcd	3,5fcd

Measurements:

Spectral Distribution



Color

5610 K
CIE 1931 Coordinates:
X: 0,330 Y: 0,357

Color Temperature

5610 K

CRI

94,3