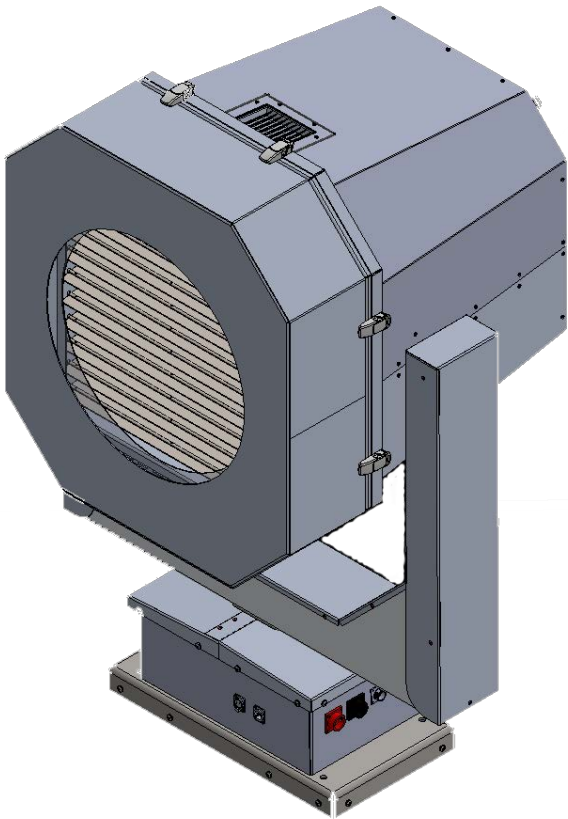


The ultimate automated Xenon searchlight. The Savanna is the brightest skylight and wash light available in the world.



The Strong Lighting Savanna is ideal for concert touring, live events, or architectural applications. It can be configured as a fully automated or static Xenon skylight. It features innovative Xenon lamp technology with 90+ CRI. The Savanna's versatility as a sky beam, spotlight or a full flood wash makes it the ultimate large format lighting fixture.

The Savanna features a number of exclusive proprietary innovations including VFL holographic micro lens light-shaping diffusers for control of light distribution. Dimming is accomplished via a high speed Venetian blind douser. The Savanna is IP43 rated.

FEATURES

- VFL light-shaping diffuser film lenses, available from 5° to 80° and in various anamorphic ratios including 60° x 10°, 30° x 5°, 75° x 35°, 40° x 0.2° and 95° x 35°. VFL™ lenses provide unparalleled flat fields and color integration.
- High resolution pan and tilt (16 bit)
- Beam Shaping Gobos are available as fixed patterns, scrolling motion effects, with dichroic color and as transparent patterns on VFL lenses
- Highest Output through proprietary technologies, such as our extremely efficient HP reflectors, to insure the maximum luminous output per watt of any production large-format Xenon luminaire

All Strong Lighting searchlight products are available in an array of custom configurations ranging from static to fully automated, weatherized, open white, collimated Skybeams or dynamic wash lights, variable film lensing, color correction filters (CTO, CTB, and CTS), or automated douser.

SPECIFICATIONS

Source:	4000 - 7000 Watt Xenon	Pan:	0 - 540° Variable Speed
Life:	750 - 1000 Hours	Tilt	0 - 270° Variable Speed
Color Temperature:	5600	Color Changer:	8 Frame Scroller - Optional
CRI:	90+	Lens Module:	VFL holographic microlens light-shaping diffusers, Beam Shaping Gobos and FX Engines
Reflector:	Proprietary 20" High Performance	Ballast:	Magnetic
Control:	14-channel DMX	Power Requirement:	120/208V 3-phase 30A 60 Hz 230/380V 3-phase 16A 50Hz
On-Board Control:	Wireless via Bluetooth	Construction:	Powder-Coated Aluminum T6061
Operation:	Opto-Isolated electronics, stepper motor operation	Mounting:	Mountable on all planes
Strobe/Douser:	High-speed Venetian-blind style douser	Weight Lamphead:	268 lbs
Beam:	Fully Collimated to 1.5°	Weight Ballast:	224 lbs

PHOTOMETRICS

7000W

Narrow Field of View	Throw Distance (Ft/m)	30/9.1	50/15.2	100/30.5	200/61.0	300/91.4
	Beam Diameter (Ft/m)	3.1/1.0	5.2/1.6	10.5/3.2	21.0/6.4	31.4/9.6
	Luminance (fc/lux)	21,200/230,407	7,632/82,583	1,908/20,511	477/5,128	212/2,284

Wide Field of View	Throw Distance (Ft/m)	30/9.1	50/15.2	100/30.5	200/61.0	300/91.4
	Beam Diameter (Ft/m)	9.5/2.9	15.8/4.8	31.7/9.7	63.4/19.3	95.0/29.0
	Luminance (fc/lux)	3,680/39,995	1,325/14,335	331/3,560	83/890	37/396

Beam Angle	Tn, Beam	Field Angle	Tn, Field	CBI (Candela)
5	0.087	6	0.105	19,080,000
9	0.157	18	0.317	3,312,000

Multiply throw distance by respective Tn factors to calculate beam and field diameters.
 Divide CBI (Candela) by distance squared to find center beam luminance.
 Distance in feet gives foot candles, distance in meters gives lux.