Octa Vio-44 Light Player™

8-channel Light Synthesizer Luminaire*

Product Description

The Octa Vio-44 Light Player is a concentrated addition to the Octa family of luminaires. The primary improvement is the compact light source – 44 mm in diameter – that incorporates the same number of LEDs as a traditional Octa. The smaller source size allows more control over the spatial distribution of light. It also includes a Bowens Mount, aka an S-type mount, which is one of the most popular softbox and light modifier mounds in the lighting industry. The Vio-44 offers the same 8-channel, full-spectrum, dynamic lighting of 2,500 lumens across the entire color temperature range of 1500K to 20000K with high color rendering. In addition to standard white light tuning, Octa spectral light output can cover a majority of the CIE color space and saturate or de-saturate portions of the spectrum while keeping the chromaticity constant. The Vio-44 comes with a standard 16 mm mounting socket that connects to a variety of light stands available on the market.
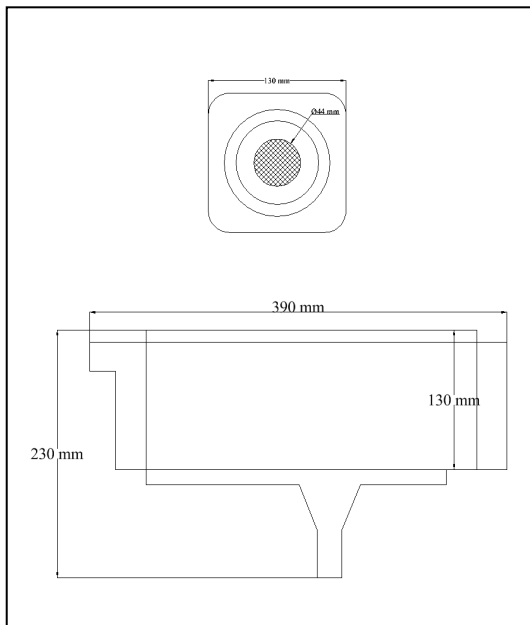
Telelumen Spectral Match Technology

The Octa synthesizer is meant to be driven by Telelumen Spectraloc Software for maximum capability. Reproducing natural sources such as daylight SPD variations over time is easy. Together the software and Octa hardware can generate most SPDs within the visible range to extract the full potential of programmed illumination changing with time. Far from simply defining the source by its CCT or chromaticity, this software allows custom SPD manipulation and illumination matching for playback on a luminaire. Sophisticated match algorithms convert SPDs into LED channel drive vectors without complex input from the user.

Telelumen Lumenscripts

Illumination programs called Lumenscripts can be recorded by a spectrometer, and then edited by a developer, synthesized from scratch, or in combination. A Lumenscript to an Octa is what an MP3 audio file is to a music player. The light player synthesizer can update the stored Lumenscripts at 1 kHz if needed. Octas can operate alone or in groups by remote control over Ethernet.

Spectraloc Software Screen Shot

Telelumen Spectraloc

Luminaires
- main
  - 1575

Manual Control

☐ Show radiant outputs

	Drive Level
Violet	0.173526
RoyalBlue	0.125048
Blue	0.223423
Cyan	0.170855
Lime	0.961913
Amber	0.269673
Red	0.104173
DeepRed	0.125078

Optical Feedback

irradiance (mW/m2)	
cct (K)	
Ra	
(u', v')	
signal level	
integration time (ms)	
sensor temperature	
LED board temp. (C)	
date	
time	

☐ Apply to group

S/N 1575 (OctaViolet) SPD (W/nm)

SPD (W/nm) Full scale: 6.1e-02

Target Illumination

Match mode

regular palette ⬍ ☑ quick

Target Thermal CT: 5001

Target Luminous Output: 1999.99

Edit Lumenscripts

☐ single frame

☐ smooth ☑ loop ☐ dark after ☑ send

Frame number: 0

Duration (s): 1.000

Source: target

Play Lumenscripts

☑ play by name

5000k 1000 lm sn1
20000k 100 lm sn1
1800k 500 ln sn157
6500k 100 lm.lso

Metrics selected luminaire ⬍

Metric	Value
Output (lm)	2000
Output (W)	6.956
Input Power (W)	31.9
(u', v') cmf2	0.2104, 0.4864
(u', v') cmf2	
duv	0.0016
CCT (K)	5001
Ra	99
SPD Error (%)	11.0
(u', v') Error	0.0000
Rf av.	99
Rg	100
Rf 1	98
Rf 2	99
Rf 3	99
Rf 4	100
Rf 5	99
Rf 6	99
Rf 7	99
Rf 8	99
Rf 9	100
Rf 10	99
Rf 11	98
Rf 12	96
Rf 13	96
Rf 14	98
Rf 15	98
Rf 16	98

130 mm
Ø44 mm
390 mm
130 mm
230 mm

Specifications

Color channels:	8 (violet, royal blue, blue, cyan, lime, amber, red, deep red)
CCT range:	1500K to 20000K
Lumen output:	2,500, >90 R_f(TM30)
PWM dimming:	250:1
PWM frequency:	32 kHz
Data and Control:	Ethernet
Network protocol:	TCP/IP, UDP, DHCP
Input Voltage:	100-240 VAC, 50/60 Hz
Input Current:	0.5A max
Weight:	3 kg (6.6 lbs)
Warranty:	1 year
Mounting:	16 mm pin light stand

*Octa Vio-44 built on Godox 200 frame

Made in the USA