Meet Aurora — the easiest to use and most sophisticated sound reactive lighting product in the market — just plug it in and it works. No computer needed. No complicated software required.

Aurora uses patented audio analysis algorithms to unravel sound in ways that no human being or lighting designer can. Audio information is analyzed in real-time to extract features as input into an AI based lighting engine.

We combine 10 years of lighting design experience with cutting edge Artificial Intelligence techniques and advanced signal processing to provide a deeply emotive visual experience.

“See the music like never before”
“We see very large potential for Aurora and its possibilities in the China market. Over the next year we would like to introduce this technology across many cities”

— M. Zeng, Han Yuan Group, China

“In my decades of experience in the lighting industry, this is the most exciting product that I have ever seen. I am impressed with the creativity and knowledge of the team at Limbic Media and I am thrilled to be partnering with them”

— Darren Vader, CEO, Lumyn/Extreme Lightscapes, TX

“For synchronizing music to lighting displays, Aurora is a sophisticated and easy to use solution. I can’t wait to spread the word through my 1300+ strong network of holiday lighting installers in 2018”

— Josh Trees, WeHangChristmasLights.com, CA

“**Incorporating the Aurora technology into our existing product line, allows us to offer our clients an impressive value add, helping us maintain our reputation as the leader in the US holiday market. We look forward to scaling up with Aurora in 2018**”

— Jorgen, Christmas Designers, FL
Standalone and plug and play
• Aurora works right out of the box – no need for expensive custom programming or professional lighting personnel
• Sophisticated lighting design without expertise
• No PC required

Easy customization
• A smartphone app gives you wireless control of the Aurora system to easily change the appearance and behavior of the system between events, holidays, and seasons to open new markets for year-round lighting.
• For lighting professionals, control Aurora as a fixture via DMX

Direct RGB LED control
• A library of highly customizable patterns
• Directly control of up to 3600 pixels (with power top-ups); unlimited if using repeaters.
• A variety of light fixtures available including bistro style lights, large globes, 360 lights, tubes, and C7 and C9 fixtures

3rd Party Integration
• Network based pixel output including DMX, ArtNET, Kinet, NDI, and DDP
• Video frame output for media server integration

Powerful sound responsive lighting design
• Lighting design AI uses patented algorithms to create lighting designs on the fly based on audio input

Organic and fluid lighting design
• A powerful embedded processor and patented lighting algorithms create organic and fluid designs unlike anything currently in the market.

Spatial Mapping
• 2D and 3D geometric mapping engine to create spatial effects for volumetric LED installations

Multiple I/O options
• USB mic
• ⅛ inch audio in/out
• Balanced XLR/ ¼ inch combo audio in/out
• DMX in/thru/out
• Wi-Fi
• Android and iOS app

Included in the box
• Aurora audio reactive lighting controller
• (4) mounting brackets
• (4) m5x1.0 mounting screws
• IEC power connector
AURORA APP
Design a Sound Responsive Lighting Show in Minutes

Connect wirelessly to Aurora
Real-Time control in live mode
Create custom cues
Combine cues to create your own show!
MANY HAPPY CUSTOMERS

Corporate    Civic    Gardens    Holiday Lighting

Lenovo  City of Burnaby  Dallas Zoo  Dekra-Lite
Heineken  City of Huntington Beach  VanDusen Botanical Garden  Shangri-La Hotels and Resorts
Hootsuite  The City of Victoria  Oregon Garden  Gaylord Palms Resort & Convention Center
lululemon & athletica  Seattle  The Butchart Gardens  City of Vancouver
DIMENSIONS
Wireframes

5 in (127 mm)

10.75 in (273 mm)

11.75 in (299 mm)

3.35 in (85 mm)

6.25 in (158 mm)
SPECIFICATIONS
Control, Electrical, Physical, Certification, Safety

Control
Input
DMX, 3.5mm stereo Auxiliary Jack, XLR / ¼" combo, USB Preamp + Mic, USB 2.0, Panel mount buttons
Output
USB 2.0 (ethernet adaptor available), ½" stereo thru, XLR / ¼" combo jack thru, DMX, 8 LED ports

Electrical
Input Voltage (NA)
90-132 VAC 60 Hz
Input Voltage (EU)
180-264 VAC 50Hz
Power Consumption
348 W max
Physical
Dimensions 299 x 158 mm x 85 mm (11.75 x 6.25 x 3.35 in)
Weight 2.6 kg (5.7 lb)
Housing Acrylic/PVC blend
Operating Temperature -25° - 40°C (13° - 104°F)
Humidity 20~90% RH, non-condensing

Certification
Certification UL/cUL, CSA, FCC, CE
Environment Indoor/Dry location (outdoor case available for outdoor deployment)

Lighting
Many lighting fixtures are available to use with Aurora. These reflect general specifications.
Power 12V @ 35mA - 250mA (depending on fixture)
Lighting/Native Protocol 3V TLS3001 (12 bit per channel addressing), 5V WS2812x chip family
Housing Polycarbonate
Operating Temperature -20° - 50°C (-4° - 122°F)
Environmental IP 65
Certification UL/cUL, CSA, FCC, CE

ACCESSORIES & ADD-ONS
Outdoor Enclosure with Fan
USB Preamplifier + Microphone
Indoor/Outdoor Microphones
Mounting Brackets
2U Server Rack Shelf

WARRANTY
1 year standard warranty on manufacturer’s defects.

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