



Date: _____
Type: _____
Firm Name: _____
Project: _____



Light System Manager gen5

Author, configure, and control intricate LED light shows in multiple zones

Optimized for medium and large-scale LED lighting installations, Light System Manager is an integrated solution comprising Light System Engine controller hardware and Light System Composer software. With support for intricately designed installations containing thousands of LED nodes, Light System Manager offers the versatility to manage wide-ranging architectural, entertainment, and retail lighting environments.

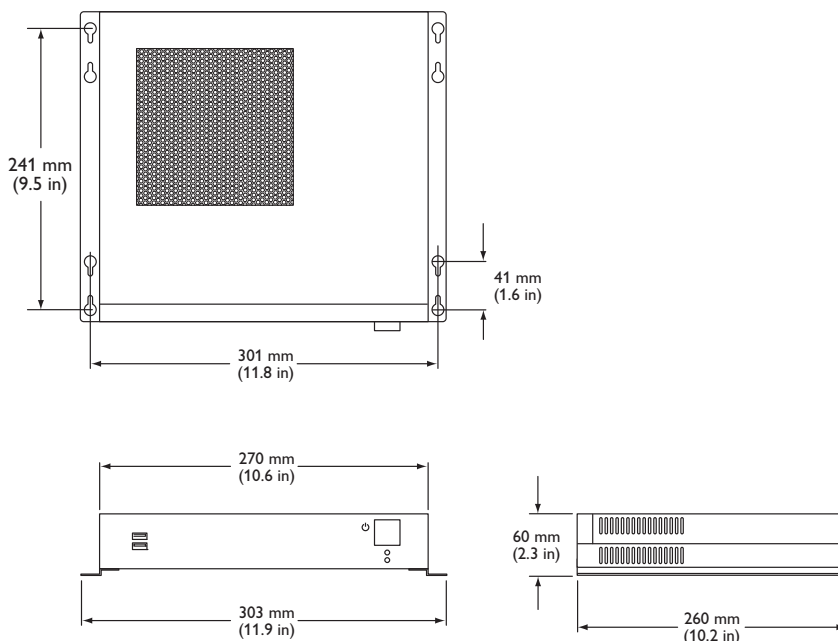
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- Easy to use—Featuring Ethernet-based control and automatic lighting system discovery, Light System Manager dramatically simplifies installation.
- Hardware support for medium and large environments—Light System Engine hardware processes simultaneous light output data for up to 15,000 individually controllable LED nodes, depending on configuration.
- Native control of multi-channel luminaires—Light System Manager supports luminaires with up to 12 LED channels in either 8-bit mode or 16-bit mode. That means you have greater control of the full gamut of lights from Philips Color Kinetics, including IntelliHue and Intelligent White luminaires, right out of the box.
- Improved reliability—Solid-state drives reduce the number of moving parts to enhance the reliability of the Light System Engine.
- Slim profile and flexible mounting options—Integrated mounting tabs allow installation overhead, on vertical surfaces, or on moving architectural or entertainment features.
- Automate show playback—Set calendar events to automatically trigger show playback based on a specific date or an astronomical event, such as sunrise or sunset.
- Web interface access—Set event triggering, create show schedules, and easily select point-and-click static color scenes using an online web interface. The web interface supports multiple online users with activity logging for each user account.
- Versatile zone usage—Configure and control multiple playback zones, each with unique light show assignments. Light System Manager allows zone control of both indoor and outdoor fixtures within a single installation.
- Dual configurable network ports—Two network ports support integration into existing network environments, while maintaining connectivity to a separate dedicated lighting network.
- ActiveSite integration—ActiveSite is the first ever cloud-hosted connected lighting system for architectural LED lighting installations. ActiveSite allows you to remotely monitor, manage, and maintain an installation site from anywhere in the world, using a secure web connection.

For detailed product information, please refer to the Light System Manager Product Guide at www.colorkinetics.com/lsm/.

Dimensions



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

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Light System Manager gen5

Electrical

Input Power	100 to 240 VAC, auto-ranging, 50/60 Hz
Power Consumption	180 W maximum

Control

Supported LED Nodes	Up to 15,000
Network Data	KiNET Ethernet* protocol via Gigabit Ethernet†

Light System Composer Software‡

Light System Composer from Philips Color Kinetics is required to create light shows for Light System Manager. To download Light System Composer, visit www.colorkinetics.com/support/lsm/.

- * KiNET is the Ethernet lighting protocol from Philips Color Kinetics.
- † Use PoE (Power-over-Ethernet) switches, or PoE injectors, when installing a lighting system containing one or more Antumbra Ethernet Keypads.
- ‡ Requires 64-bit Windows 7 or newer, or macOS 10.10 or newer, with at least 100 MB of free space.

Physical

Dimensions <i>(Height x Width x Depth)</i>	241 x 303 x 60 mm (9.5 x 11.9 x 2.3 in)
Weight	4.2 kg (9.3 lb)
Housing	Aluminium enclosure
Connector/Cable	(2) RJ45 ports, shielded Cat. 5e or better data cable (not included)
Operating Temperature	0 to 35 °C (32 to 95 °F)
Humidity	0 to 90%, relative humidity, non-condensing

Certification and Safety

Approbation	UL/cUL, FCC, CE, RCM, CCC
Environment	Dry location



Part Numbers

Use Item Number when ordering in North America.

LED Controller

	Item Number	Philips 12NC
Light System Manager gen5, 500 Node	103-000042-00	912400135993
Light System Manager gen5, 1,000 Node	103-000042-01	912400134287
Light System Manager gen5, 2,000 Node	103-000042-02	912400134288
Light System Manager gen5, 3,000 Node	103-000042-03	912400134289
Light System Manager gen5, 5,000 Node	103-000042-05	912400134290
Light System Manager gen5, 8,000 Node	103-000042-08	912400134291
Light System Manager gen5, 12,000 Node	103-000042-12	912400134292
Light System Manager gen5, 15,000 Node	103-000042-15	912400134293

Accessories

	Visit www.colorkinetics.com/lis/controllers/ for ordering details.	
Antumbra Ethernet Keypad		
Power over Ethernet Switch	120-000084-01	910503702557
Power over Ethernet Injector, North America Power Cord	109-000029-00	910503700383
Power over Ethernet Injector, Europe Power Cord	109-000029-01	910503700384
AuxBox	103-000021-01	910503702433

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www.philips.com/colorkinetics