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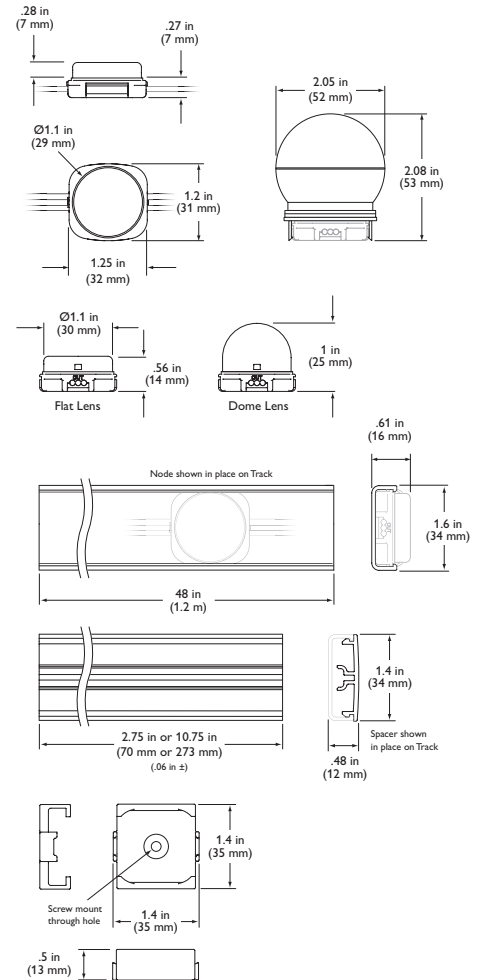
Project: _____

eW Flex SLX

Flexible strands of intelligent white light LED nodes

eW® Flex SLX is a versatile strand of large, individually controllable white light LED nodes. The durable, flexible form factor allows dynamic points of white light to be installed across nearly any interior or exterior surface, including walls, ceilings, floors, three-dimensional sculptures, and set pieces. eW Flex SLX can also light tight alcove spaces and signage.

- **Intelligent white light** — Each eW Flex SLX node produces light output of up to 5.99 candela (full on). The intensity of each node can be individually controlled for a variety of uses and effects.
- **Multiple lens options** — Clear flat and translucent dome lenses are standard. Semi-frosted flat and dome lenses are available. Optional clear, translucent, or semi-frosted marquee lenses snap onto flat-lens nodes to create the appearance of bulbs on a traditional theatre marquee.
- **Adaptable mounting** — Strands can be mounted directly to a surface like traditional string lights. Optional mounting tracks ensure straight linear runs, while snap-on spacers hide cabling and mounting hardware between nodes. Single node mounts can be positioned individually to provide anchor points for nodes in installations with uneven node spacing or complex geometries.
- **Standard and custom lengths and node spacing** — Available with standard on-center node spacing of 4 in (102 mm) or 12 in (305 mm). Custom on-center node spacing, from 3 in (76 mm) to 12 in (305 mm), support virtually any lighting or video design. Standard 50-node lengths can be field-shortened. Custom node lengths of 5 to 50 nodes are also available.
- **Range of color temperatures and housing colors** — Warm 2700 K and cool 4200 K are standard, with 6500 K available. Standard white housing, with black and clear available.



- **Industry-leading controls** — eW Flex SLX works seamlessly with the complete Philips line of controllers, including Video System Manager Pro, Light System Manager, and iPlayer® 3, as well as third-party DMX or Ethernet controllers.
- **Outdoor rated** — Fully sealed for maximum fixture life and IP66-rated for outdoor applications.

For detailed product information, please refer to the eW Flex SLX Product Guide at www.colorkinetics.com/l/essentialwhite/ewflexslx/

PHILIPS

Specifications

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

| Item | Specification | Clear Flat Lens | Translucent Dome | |
|-------------|--|---|--------------------------------------|-----|
| Output | Lumens* | 2700 K† | 12.3 | 7.2 |
| | | 4200 K† | 16.2 | 9.7 |
| | Efficacy (lm / W) | 2700 K | 12.3 | 7.2 |
| | | 4200 K | 16.2 | 9.7 |
| | CRI | 2700 K | 67 | 70 |
| | | 4200 K | 70 | 72 |
| | Lumen Maintenance‡ | 40,000+ hours L70 @ 50° C | | |
| Electrical | Input Voltage | 24 VDC via sPDS-480ca, PDS-60ca, sPDS-60ca, PS-96. | | |
| | Power Consumption | 1 W max. per node at full output, steady state | | |
| | Power Factor | .98 @ 120 VAC | .96 @ 120 VAC | |
| Physical | Node Dimensions (Height x Width x Depth) | 1.22 x 1.25 x .56 in (31 x 32 x 14 mm) | 1.22 x 1.25 x 1 in (31 x 32 x 25 mm) | |
| | Weight | 4.6 lb (2.1 kg) per strand of 50 nodes | | |
| | Housing | White polycarbonate | | |
| | Lens | Clear or frosted polycarbonate | | |
| | Fixture Connections | RJ45 data connectors, 3-pin power connector | | |
| | Temperature Ranges | -40° – 122° F (-40° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage | | |
| | Humidity | 0 – 95%, non-condensing | | |
| | Maximum Fixtures Per Power / Data Supply | sPDS-480ca 24V: 8 strands sPDS-60ca 24V: 1 strand PDS-60ca 24V: 1 strand PS-96 24V: 1 strand | | |
| | Certification and Safety | Certification | UL / cUL, CE | |
| Environment | | Dry / Damp / Wet Location, IP66 | | |

* Lumen measurement complies with IES LM-79-08

† Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.

‡ L70 = 70% maintenance of lumen output (when light output drops below 70% of initial output). Ambient temperature specified.



Fixtures and Accessories

| Item | Type | Item Number | Philips 12NC | |
|---|----------------|-----------------------|---------------|--------------|
| eW Flex SLX 50 nodes 4 in on-center node spacing | 2700 K | Clear Flat Lens | 500-000007-01 | 910503700176 |
| | | Translucent Dome Lens | 500-000007-00 | 910503700175 |
| | 4200 K | Clear Flat Lens | 500-000007-05 | 910503700180 |
| | | Translucent Dome Lens | 500-000007-04 | 910503700179 |
| eW Flex SLX 50 nodes 12 in on-center node spacing | 2700 K | Clear Flat Lens | 500-000007-03 | 910503700178 |
| | | Translucent Dome Lens | 500-000007-02 | 910503700177 |
| | 4200 K | Clear Flat Lens | 500-000007-07 | 910503700182 |
| | | Translucent Dome Lens | 500-000007-06 | 910503700181 |
| Marquee Lens Kits Quantity 50 | White | Clear | 999-000373-00 | 822221400077 |
| | White | Translucent | 999-000373-01 | 822221400078 |
| | White | Semi-frosted | 999-000373-02 | 822221400079 |
| Mounting Track Quantity 1 | White | 4 ft (1.2 m) | 101-000057-00 | 910503700044 |
| Mounting Track Spacers Quantity 50 | White | 4 in (102 mm) | 101-000059-00 | 910503700048 |
| | | 12 in (305 mm) | 101-000059-01 | 910503700048 |
| Single Node Mounts Quantity 50 | White | | 101-000058-00 | 910503700046 |
| sPDS-480ca 24V | Ethernet | | 109-000026-00 | 910503700110 |
| | Pre-programmed | | 109-000016-00 | 910503700095 |
| PDS-60ca 24V | DMX | | 109-000016-01 | 910503700333 |
| | Ethernet | | 109-000016-02 | 910503700334 |
| sPDS-60ca 24V | DMX / Ethernet | | 109-000021-02 | 910503700106 |
| PS-96 24V | | | 109-000025-00 | 910503700109 |

Use Item Number when ordering in North America.

CHROMASIC™ | OPTIBIN™
CK TECHNOLOGY | CK TECHNOLOGY

Photometrics

Brightness Per Node

| Lensing | On-Axis Candela | | Viewing Angle |
|---------------------------|-----------------|--------|---------------|
| | 2700 K | 4200 K | |
| Clear flat lens | 4.61 | 5.99 | 108° |
| Semi-frosted dome | 2.96 | 5.01 | 117° |
| Translucent dome | 1.15 | 1.54 | 180° |
| Clear marquee lens | 4.02 | 5.66 | 111° |
| Semi-frosted marquee lens | 3.68 | 4.99 | 94° |
| Translucent marquee lens | 0.50 | 0.68 | 260° |

Luminance of 1 m² Grid

| Lensing | All figures in nits (cd / m ²) | | | | | |
|---------------------------|--|--------|--------|--------|--------|--------|
| | On-Center Node Spacing | | | | | |
| | 3 in | | 4 in | | 12 in | |
| | 2700 K | 4200 K | 2700 K | 4200 K | 2700 K | 4200 K |
| Clear flat lens | 779 | 1012 | 373 | 485 | 41 | 54 |
| Semi-frosted dome | 500 | 847 | 240 | 406 | 27 | 45 |
| Translucent dome | 194 | 260 | 93 | 125 | 10 | 14 |
| Clear marquee lens | 679 | 957 | 326 | 458 | 36 | 51 |
| Semi-frosted marquee lens | 622 | 843 | 298 | 404 | 33 | 45 |
| Translucent marquee lens | 85 | 115 | 41 | 55 | 5 | 6 |



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