

XENM3 / XLXM3 LED Decorative Pedestrian / Area Lighting



Marketing Positioning Statement

The XENM3 and XLXM3 LED decorative pedestrian/area fixtures are designed for lighting pathways, walkway areas and campus sites. Exceptional uniformity creates a brighter environment at lower light levels. Provides up to 46% energy savings when compared to HID and Metal Halide.

Leading Specification Features

- ❑ SmartTec™ Control Technology – Industry First
 - ❑ Low Total Cost of Ownership
 - ❑ Outstanding Uniformity & Visual Comfort
 - ❑ Leading Selection of Light Output Options
 - ❑ Unparalleled Speed & Ease of Installation
 - ❑ Exceptional Reliability in Pedestrian/Area Lighting
 - ❑ Enhances Architectural Styling of any Site
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SmartTec Control Technology - Industry First

Thermal Management

LSI proprietary SmartTec heat dissipation system
 Increases lifespan of fixture due to control of potential overheating
 Sensors in driver enclosure reduce drive current when ambient temperatures exceed rated temperature
 Finless heat sink design to more effectively dissipate heat over time

Dimming (DIM)

0-10V dimming enabled with controls by others

Bi-Level Switching (BLS)

Optional low light level reduced to 30% of maximum drive current via 120V-277V controls by others

Low Total Cost of Ownership

Annual Energy & Maintenance Savings

\$2513 savings for (20) XENM3/XLXM3 LED SS fixtures replacing (20) 250W MH fixtures
 \$2180 savings for (20) XENM3/XLXM3 LED HO fixtures replacing (20) 250W MH fixtures
 Based upon 12 hour daily operation @ \$.10kWh



Outstanding Uniformity & Visual Comfort

Clear Flat Optical Grade Tempered Glass Lens

Superior performance & value through sealed lens, precision reflectors and industry's best LEDs
 5 times more impact resistant than standard glass.
 Won't discolor, craze or cloud up like acrylic lenses
 Cleans easily

Lumen Output

Wide range of lumen outputs available through varying reflector types, mounting styles and drive currents
 Customer has a wide lumen range of 5150 to 9410 available
 Provides a choice of lumen outputs for the customer's specific requirements

LIGHT OUTPUT - XENM3						
		ARM MOUNT				
		# of LEDs	Lumens (Nominal)			Watts
			Type 3	Type FT	Type 5	
Cool White	SS	64	7110	6160	5870	70
	HO	64	9410	8660	8150	108
Neutral White	SS	64	6430	5900	5640	70
	HO	64	9010	8280	7940	108

POST TOP MOUNT						
		# of LEDs	Lumens (Nominal)			Watts
			Type 3	Type FT	Type 5	
Cool White	SS	64	6180	5570	5240	70
	HO	64	8670	8270	7510	108
Neutral White	SS	64	5930	5350	5150	70
	HO	64	8250	7560	6890	108

LIGHT OUTPUT - XLXM3						
		# of LEDs	Lumens (Nominal)			Watts
			Type 3	Type FT	Type 5	
Cool White	SS	64	6180	5570	5240	70
	HO	64	8670	8270	7510	108
Neutral White	SS	64	5930	5350	5150	70
	HO	64	8250	7560	6890	108



Leading Selection of Light Output Options

Multitude of Distribution Patterns

Choice of Type 3, FT, and 5

Exceptional uniformity creates bright environment at lower light levels

By increasing drive current from Super Saver (SS) to High Output (HO), light distribution patterns are enhanced with greater lumen output

Application department staff available to determine best distribution pattern

LM79 and LM80 reports available

63 LED array

70 watt SS is ideal replacement for 250W MH

108 watt HO is ideal replacement for 250W MH

Color Rendering Index

CRI of 70 facilitates recognition of specific colors of various objects

Meets industry standards

Color Temperature

Cool white – 5000°K provides bright and pleasing area lighting at reduced foot-candle levels

Neutral white – 4000°K for a warmer color temperature

Temperature Range

-40°C to +50°C (-40°F to 122°F)

Life expectancy remains constant through the rated range

Suitable for use in a wide range of ambient temperatures

Two Drive Currents

Super Saver and High Output available

Expands available solutions for customer specific applications

Super Saver is the most energy efficient, while higher drive current can be utilized to drive for greater lumen output.

Input Voltage

Universal voltage 120V thru 277V (50/60hz input) 347V and 480V also available

Unparalleled Speed & Ease of Installation

Mounting

XENM3: Post Top and Side Mount / XLXM3: Post Top

Offers two standard pole mounting solutions for your specific architectural area lighting requirement

Wall mount option

Tool-less entry option available

Maintenance-Free

Once installed, XENM3 & XLXM3 are virtually maintenance free



Enhances Architectural Styling of any Site

Attractive Design

Sleek modern or traditional design

Exceptional beauty to complement surroundings

Makes a first impression as well as a lasting one to the customer

Sell when design aesthetics are highly desired

Exceptional Reliability in Pedestrian/Area Lighting

Housing	Housing, mounting arms on side mount versions, access cover and support arms for post-top versions are die-cast aluminum Easily withstands extreme temperature changes Housing top-cap is heavy-duty spun aluminum IP65 rated unit
Pressure Stabilizing Vent/Breather	Equalizes pressure in fixture optical unit preventing pressure buildup due to ambient temperature changes, protecting gaskets and seals over the life of the fixture
Environmentally Responsible	Exceptional “green” technology, RoHS compliant Greater than 80% recyclable by weight
Fasteners	All exposed fasteners are black oxide coated stainless steel Internal fasteners are stainless steel or zinc electro-plated steel
Gasketing	Luminaire optical assembly permanently sealed with robotically applied polyurethane All external seals for additional fasteners, options, etc. are EPDM or silicone rubber for robustness to pressure and temperature changes and environmental, aging and UV resistance
Finish/Colors	LSI’s DuraGrip® polyester powder coat – resists corrosion and is scratch and ding resistant Exhibits excellent durability and resistance to ultraviolet rays
Long-life	Up to 100,000 hours of expected life Once installed, XENM3 and XLXM3 are virtually maintenance free
Protection	IP65 rated luminaire assembly provides total dust ingress protection, protection from low pressure jets of water, with limited water ingress permitted
Surge Protector	Two-stage surge protection, including separate surge protection built into electronic driver Meets Location Category C Low Prevents damage to fixture due to unexpected “surge” or “swell” in AC Line Voltage
Warranty	Limited 5-year warranty
Options/Accessories	Button type photocell Tool-less housing entry Dimming Bi-Level Switching

