

XENM3 / XINM3 / XLXM3 LED Decorative Pedestrian / Area Fixture

Crossover[®]
GENERATION 3

Leading Selling 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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Marketing Positioning Statement

The XENM3, XINM3 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 equal to or better performance than existing standard HID alternatives.

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Industries™
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SmartTec Control Technology - "Industry First"

Thermal Management

LSI proprietary SmartTec heat dissipation system
 Fixture temperature lowered automatically when needed in imperceptible 5% increments until safe operating temperature is reached.
 Finless heat sink design to more effectively dissipate heat over time
 Increases lifespan of fixture due to control of potential overheating

Annual Energy & Maintenance Savings

\$1045 savings for (12) XENM3/XINM3/XLXM3 63 LED (350mA) fixtures replacing (12) 175W MH fixtures.
 Based upon 12 hour daily operation @ \$.10kWh



Low Total Cost of Ownership

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.
 Acrylic lenses can discolor, craze or cloud up
 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 4120 to 7060 available
 Provides a choice of lumen outputs for the customer's specific requirements

LIGHT OUTPUT - XENM3						
	# of LEDs	Lumens (Nominal)				Watts
		Type 2	Type 3	Type FT	Type 5	
Arm Mount	63	5535	4925	5710	4530	75
	63	7060	5590	6890	5230	98
Post Top	63	5015	4180	5125	4120	75
	63	6400	4740	6180	4760	98

*Preliminary data

LIGHT OUTPUT - XINM3						
	# of LEDs	Lumens (Nominal)				Watts
		Type 2	Type 3	Type FT	Type 5	
Arm Mount	63	5535	4925	5710	4530	75
	63	7060	5590	6890	5230	98
Post Top	63	5015	4180	5125	4120	75
	63	6400	4740	6180	4760	98

*Preliminary data

LIGHT OUTPUT - XLXM3						
	# of LEDs	Lumens (Nominal)				Watts
		Type 2	Type 3	Type FT	Type 5	
Post Top	63	5015	4180	5125	4120	75
	63	6400	4740	6180	4760	98

*Preliminary data

Leading Selection of Light Output Options

Multitude of Distribution Patterns

Exceptional uniformity creates bright environment at lower light levels
By increasing drive current from 350mA to 450mA, 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

75 or 98 watt choice

Color Rendering Index

CRI of 70 facilitates recognition of specific colors of various objects
Meets industry standards

Color Temperature

Cool white – 5800K nominal
Cool white reduces average foot candle levels while still providing bright and pleasing area lighting

Temperature Range

-40° to +50°C (-40°F to 122°F)
Life expectancy remains constant through the rated range

Two Drive Currents

350mA and 450mA available
350mA is the most energy efficient, while higher drive current can be utilized to drive for greater lumen output.

Input Voltage

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

Unparalleled Speed & Ease of Installation

Mounting

XENM3 & XINM3: Post Top and Side Mount / XLXM3: Post Top
Offers two standard mounting solutions for your specific architectural area lighting requirement

Maintenance-Free

Once installed, XENM3, XINM3 & XLXM3 are virtually maintenance free



Exceptional Reliability in Pedestrian/Area Lighting



American Made

All products designed and manufactured in the U. S.

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

Excellent surface finishing and dimensional consistency

Weather-tight

Available in two mounting styles: Post-top and Side Mount

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

Finish/Colors

LSI's DuraGrip[®] polyester powder coat – resists corrosion and is scratch and ding resistant

Withstands extreme weather changes without cracking or peeling

Exhibits excellent durability and resistance to ultraviolet rays

Long-life

Up to 100,000 hours of expected life

Equates to 11.4 years when burning 24/7

Once installed, XENM3, XINM3 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

Meets IEEE C62.41.2, scenario 1, location category C-medium standards (10KV, 5KA)

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

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



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