XDLS/XDLM LED Lifestyle Decorative Area Lights

Marketing Positioning Statement

XDLS and XDLM LED Lifestyle Fixtures set the standard for appearance, performance and value in Decorative Area Lights. Available in cool white, neutral white and warm white LED color temperatures, XDLS provides output of up to 9600 lumens while XDLM provides output of up to 19920 lumens. XDLS is the ideal replacement for 250W metal halide fixtures with XDLM ideal for replacing 320W metal halide. The choice of either bell or angle shades in five different mounting styles allows you to develop the ideal custom creation for your specific decorative area lighting application.

Superior Control Technology – Thermal Management

Thermal Management: LSI driver features integral sensor

Reduces drive current when ambient temperature exceeds rated temperature

Dimming (DIM): 0-10V dimming enabled with controls by others

Bi-level Switching : Low light level reduced to 30% of maximum drive current via control by others

Low Total Cost of Ownership – Quick Payback

Annual Energy & Maintenance Savings:

$2,504 savings for (20) XDLS Super Saver(SS) fixtures replacing (20) 250W MH fixtures

$2,205 savings for (20) XDLS High Output (HO) fixtures replacing (20) 250W MH fixtures

$2,609 savings for (20) XDLM Super Saver (SS) fixtures replacing (20) 320W MH fixtures

$2,005 savings for (20) XDLM High Output (HO) fixtures replacing (20) 320W MH fixtures

Based upon 12 hour daily operation at $.10kwh

Outstanding Uniformity & Visual Comfort

Unique Optical Unit : Optical unit and aluminum door frame are recessed into shade – door frame sealed with one-piece silicone gasket

Optical unit is tethered and provides access to driver

Captive door frame retaining fasteners

Clear Tempered Optical Grade Glass Lens: Sealed with silicone gasket to door frame - door frame includes pressure stabilizing gasket

5 times more impact resistant than standard glass

Won't discolor, craze or cloud up like acrylic lenses

Cleans easily

Lumen Output: Range of lumen outputs available by varying the reflector types, drive currents and LED color temperature

Available lumen range of 4790 to 9600 for XDLS

Available lumen range of 11040 to 19920 for XDLM

Exceptional uniformity creates a brighter environment at lower light levels

Improved backlight cutoff minimizes light trespass

LIGHT OUTPUT - XDLS

		Lumens (Nominal)			Watts (Nominal)
		Type 3	Type FT	Type 5	
Cool White	SS	7100	6540	6220	71
	HO	9600	8990	8500	106
Neutral White	SS	6510	5840	5680	71
	HO	8810	7890	7780	106
Warm White	SS	4790	5170	5010	71
	HO	6460	6880	6740	106

LED Chips are frequently updated therefore values may increase.

LIGHT OUTPUT - XDLM

		Lumens (Nominal)			Watts (Nominal)
		Type 3	Type FT	Type 5	
Cool White	SS	13470	14080	13310	136
	HO	18730	19920	18480	205
Neutral White	SS	11180	11780	11130	136
	HO	18070	19370	18080	205
Warm White	SS	11440	11980	11040	136
	HO	15380	16350	15130	205

LED Chips are frequently updated therefore values may increase.

Leading Selection of Light Output Options

Distribution: Choices of type 3, 5 or FT distributions

Application staff available to determine best distribution pattern

LM79 & LM80 reports available

Drive Current: SS (Super Saver) and HO (High Output) available

Expands available solutions for customer specific applications

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

Color Rendering Index -CRI of 80 for NW and WW, CRI of 70 for CW facilitates recognition of specific colors of various objects to meet industry standards

Color Temperature: Cool white: 5000K provides bright pleasing area lighting at reduced foot candle levels

Neutral white – 4000°K for a warmer color temperature

Warm white: 3500°K for warmest color temperature

Temperature Range: -40°C to +50°C (-40°F to +122°F)

Suitable for typical wide range of ambient temperatures

Input Voltage: Universal voltage120V thru 277V (50/60hz input): 347V-480V also available

Speed & Ease of Installation

Mounting: Classic Hook (CH), Side Arm (SA), Universal Pole Clamp (UCL) Wall Mount (W) or Pendant (PM) (small only) available

Maintenance-Free: Once installed, fixture is virtually maintenance free

Drivers and key electronic components are easily accessible

Exceptional Reliability in LED Decorative Area Lighting

Environmentally Responsible: With exceptional "green" technology, RoHS compliant

Greater than 80% recyclable by weight

Crown: Cast aluminum

Wiring emerges through compression seal fitting to prevent water entry

One-piece silicon gasket seals crown to shade for water and dust tight construction

Shades: Spun aluminum

Two styles available: Angle (A) or Bell (B)

Brackets: Extruded and cast aluminum assemblies or fabrications

All decorative elements: die cast or extruded aluminum

Weather-tight: Fully enclosed weather tight wet-location housing

One-piece silicone gasketing used to seal crown, optical unit and glass lens

Finish: LSI's DuraGrip® polyester powder coat resists corrosion scratches and dings

Withstands extreme weather changes without cracking or peeling.

Exhibits excellent durability and resistance to ultraviolet rays

Long-Life: Minimum 60,000 hours to 100,000 hours depending upon ambient temperature of installation location

Up to 5X the lamp life expectancy of HID

Once installed, virtually maintenance free

Pressure Stabilizing Vent/Breather Driver : Equalizes pressure in fixture optical unit preventing pressure buildup due to ambient temperature changes, protecting gaskets and seals over the life of the fixture

Components are fully encased in potting material for moisture resistance

Complies with FCC standards

Driver and key electronic components are easily accessible

Surge Protector: Two-stage surge protection including separate surge protection built into electronic driver

Meets IEEE C62.41.2-2002, Location Category C

Prevents damage to fixture due to unexpected "surge" or "swell" in AC Line Voltage

Warranty: Limited 5-year warranty

Enhances Architectural Styling of any Site

Lifestyle Luminaires: Set the standard for appearance, performance and value

Striking architectural appeal