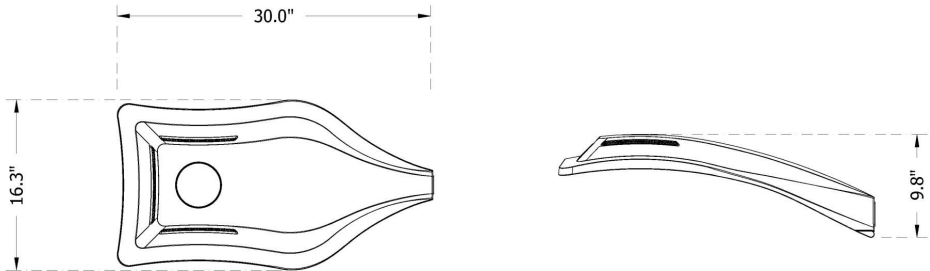


Project Name

Qty

Type

Catalog / Part Number



7 Year Warranty

Mounting Configuration

Wall Mount

1 Arm Mount

2 Arm Mount @ 180°

2 Arm Mount @ 90°

3 Arms @ 120°

3 Arms @ 90°

4 Arms @ 90°

1 Arm Mid-Mount

2 Arm Mid-Mount @ 180°

Finish

Black Textured

Urban Gun Metal Textured

Urban Gun Metal Matte

Urban Bronze Textured

Urban Bronze Matte

Urban Silver Textured

Urban Silver Matte

Urban White Textured

Urban White Matte

Custom Match

Description

The Millenia™ ML630 medium bolt-on mount luminaire is a breakthrough in modern area lighting technology. Its new world urban design transcends traditional lighting convention by seamlessly interweaving form and function to yet another level. Available with a myriad of options, the Millenia™ is perfect for commercial, institutional and municipal markets.
EPA: .83 (#2) | WEIGHT: 27 LBS

Features

Mounting Configuration

1W: Wall Mount
1A: 1 Arm Mount
2A: 2 Arm Mount @ 180°
2A90: 2 Arm Mount @ 90°
3A: 3 Arms @ 120°
3A90: 3 Arms @ 90°
4A: 4 Arms @ 90°
1AM: 1 Arm Mid-Mount
2AM: 2 Arm Mid-Mount @180°

Optional Fuse

FHD: Double Fuse and Holder

Optional House Side Shield

BLOC: Back Light Optical Control

Optional Fixed Dimming Resistor Board

FDRB: Fixed Dimming Resistor Board

Physical

Fixture

ML630: Medium Millenia Side Mount

Lens

CA: Clear Acrylic
SV1: Flat Soft Vue Light Diffused Acrylic
SV2: Flat Soft Vue Moderate Diffused Acrylic

Optional Pole Adapter

RP34: For 3" to 4" diameter poles.
RP56: For 5" to 6" diameter poles.

CCT - Color Temp (K)


2,700K


3,000K


3,500K


4,000K


5,000K

Distribution Type


Type 2


Type 3


Type 4


Type 5

Certifications



Finish	UGMT: Urban Gun Metal Textured
	UGM: Urban Gun Metal Matte
	UBT: Urban Bronze Textured
	UB: Urban Bronze Matte
	USLT: Urban Silver Textured
	USL: Urban Silver Matte
	UWHT: Urban White Textured
	UWH: Urban White Matte
	BKT: Black Textured
	CM: Custom Match

Light Source	
LED	24L: 24 LEDs
	16L: 16 LEDs
	12L: 12 LEDs

CCT - Color Temp (K)	27: 2,700K
	30: 3,000K
	35: 3,500K
	40: 4,000K
	50: 5,000K

Distribution Type	T2: Type 2
	T3: Type 3
	T4: Type 4
	T5: Type 5

Electrical and control	
Driver	MDL018: 120V-277V,180mA
	MDH018: 347V-480V,180mA
	MDL014: 120V-277V,140mA
	MDH014: 347V-480V,140mA
	MDL008: 120V-277V,80mA
	MDH008: 347V-480V,80mA

Optional Motion Sensor	MOT1: 360° lens, maximum coverage 40' diameter from 20' height
	MOT2: 360° lens, maximum coverage 70' diameter from 20' height

How to Order

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Pole Adapter	Optional Motion Sensor ⁽⁶⁾	Optional Fuse	Optional House Side Shield ⁽⁷⁾	Optional Fixed Dimming Resistor Board ⁽⁸⁾	Finish
1W Wall Mount 1A 1 Arm Mount 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 3A 3 Arms @ 120° ⁽¹⁾ 3A90 3 Arms @ 90° 4A 4 Arms @ 90° 1AM 1 Arm Mid-Mount 2AM 2 Arm Mid-Mount @ 180°	ML630 Medium Millenia Side Mount	24L 24 LEDs 16L 16 LEDs 12L 12 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL018 120V-277V, 180mA ⁽²⁾ MDH018 347V-480V, 180mA ⁽²⁾ MDL014 120V-277V, 140mA ⁽³⁾ MDH014 347V-480V, 140mA ⁽³⁾ MDL008 120V-277V, 80mA ⁽⁴⁾ MDH008 347V-480V, 80mA ⁽⁴⁾	CA Clear Acrylic SV1 Flat Soft Vue Light Diffused Acrylic SV2 Flat Soft Vue Moderate Diffused Acrylic	RP34 For 3" to 4" diameter poles. ⁽⁵⁾ RP56 For 5" to 6" diameter poles. ⁽⁵⁾	MOT1 360° lens, maximum coverage 40' diameter from 20' height MOT2 360° lens, maximum coverage 70' diameter from 20' height	FHD Double Fuse and Holder	BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	UGMT Urban Gun Metal Textured UGM Urban Gun Metal Matte UBT Urban Bronze Textured UB Urban Bronze Matte USLT Urban Silver Textured USL Urban Silver Matte UWHT Urban White Textured UWH Urban White Matte BKT Black Textured CM Custom Match ⁽⁹⁾

Notes:

1. Only available with a round profile pole.

2. 12L or 16L system only.

3. 12L or 24L system only.

4. 12L system only.

5. Required for round poles.

6. For use with MDLxx driver only.

7. Not for use with T5 optic.

8. Not for use with Motion Sensor.

9. Custom colors require upcharge.

Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Thermal Management	Our convective AAD™ "Advanced Airflow Dynamics" technology maximizes heat sink effectiveness to deliver unsurpassed passive thermal management for long-life LED performance and energy efficiency.
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
Lens	Optional SoftVue™ lens provides optimal visual comfort.
UL Listing	UL listed per UL1598 and CSA 22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
NightSky® Friendly	Dark sky compliant optics with a U0 BUG rating for specific configurations.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White
Custom Finish	Custom finishes are offered to adapt to any application. Custom Match option is available to blend sternberg product with the site, consult factory for more information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The high brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F). CCT Lumen Derate Values from 4,000K 2,700K (70+ CRI)=.85 3,000K (70+ CRI)=.92 3,500K (70+ CRI)=1.00 5,000K (70+ CRI)=1.00
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.
Backlight Optical Control	BLOC Optic (BLOC): An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.

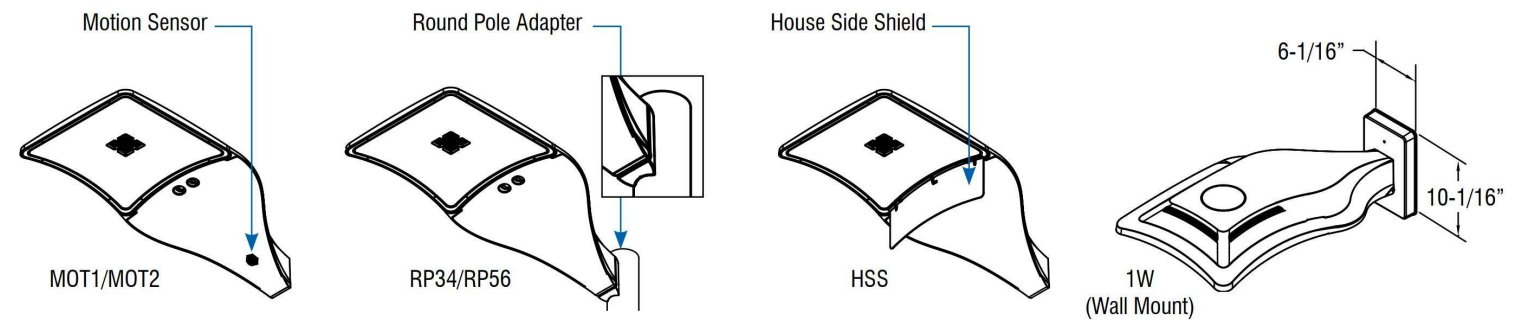
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.
Motion Sensor	The programmable passive infrared motion sensor is installed integral to the fixture. 2 coverage area lenses available; assuming a 20' mounting height a lens with 40' coverage (MOT1) and 70' coverage (MOT2) is available. Sensor includes Dusk/Dawn light sensor for ambient light levels. Custom pre-set programming options can be set at the factory. Optional wireless programming controller available for field reprogramming (FSIR-100).

Lumen Chart(s)

Tested with CA lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
24L-40-T ₂ -MDL014	11150	B2U0G2	126.7	10235	B2U0G2	116.3	10580	B2U0G2	120.2	11070	B3U0G1	125.8	88
24L-30-T ₂ -MDL014	10290	B2U0G2	116.9	9450	B2U0G2	107.4	9765	B2U0G2	111.0	10220	B3U0G1	116.1	88
24L-27-T ₂ -MDL014	9435	B2U0G2	107.2	8660	B2U0G2	98.4	8950	B2U0G2	101.7	9365	B3U0G1	106.4	88
16L-40-T ₂ -MDL018	9055	B2U0G2	116.1	8280	B2U0G2	106.2	8665	B2U0G2	111.1	9025	B3U0G1	115.7	78
16L-30-T ₂ -MDL018	8360	B2U0G2	107.2	7645	B2U0G2	98.0	8000	B2U0G2	102.6	8330	B3U0G1	106.8	78
16L-27-T ₂ -MDL018	7660	B2U0G2	98.2	7005	B2U0G2	89.8	7330	B2U0G2	94.0	7635	B3U0G1	97.9	78
12L-40-T ₂ -MDL018	6915	B1U0G1	115.3	6380	B1U0G1	106.3	6560	B1U0G1	109.3	6820	B3U0G1	113.7	60
12L-30-T ₂ -MDL018	6385	B1U0G1	106.4	5890	B1U0G1	98.2	6055	B1U0G1	100.9	6295	B3U0G1	104.9	60
12L-27-T ₂ -MDL018	5850	B1U0G1	97.5	5400	B1U0G1	90.0	5550	B1U0G1	92.5	5770	B3U0G1	96.2	60
12L-40-T ₂ -MDL014	5700	B1U0G1	123.9	5265	B1U0G1	114.5	5410	B1U0G1	117.6	5650	B2U0G1	122.8	46
12L-30-T ₂ -MDL014	5260	B1U0G1	114.3	4860	B1U0G1	105.7	4995	B1U0G1	108.6	5215	B2U0G1	113.4	46
12L-27-T ₂ -MDL014	4825	B1U0G1	104.9	4455	B1U0G1	96.8	4580	B1U0G1	99.6	4780	B2U0G1	103.9	46
12L-40-T ₂ -MDL008	3465	B1U0G1	128.3	3215	B1U0G1	119.1	3295	B1U0G1	122.0	3430	B2U0G1	127.0	27
12L-30-T ₂ -MDL008	3200	B1U0G1	118.5	2970	B1U0G1	110.0	3040	B1U0G1	112.6	3165	B2U0G1	117.2	27
12L-27-T ₂ -MDL008	2930	B1U0G1	108.5	2720	B1U0G1	100.7	2790	B1U0G1	103.3	2900	B2U0G1	107.4	27

Options



Other Features

