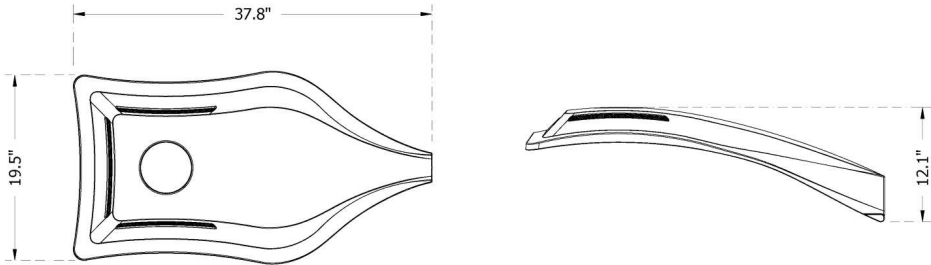


Project Name

Qty

Type

Catalog / Part Number



7 Year Warranty		Description	
		The Millenia™ ML730 large 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: 1.3 (#2) WEIGHT: 35 LBS	
Mounting Configuration		Features	
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°		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°	
Finish		Optional Control Receptacle R7: 7-Pin control receptacle only	
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		Optional Control PE: Twist-Lock Photocontrol (120V-277V) PE4: Twist-Lock Photocontrol (347V-480V) SC: Shorting Cap	
		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 ML730: Large Millenia Side Mount	
		Lens CA: Clear Acrylic SV1: Flat Soft Vue Light Diffused Acrylic SV2: Flat Soft Vue Moderate Diffused Acrylic	

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



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

LED	40L: 40 LEDs 32L: 32 LEDs 24L: 24 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

Driver	MDL018: 120V-277V,180mA MDH018: 347V-480V,180mA MDL016: 120V-277V,160mA MDH016: 347V-480V,160mA MDL014: 120V-277V,140mA MDH014: 347V-480V,140mA
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
1W Wall Mount	ML730 Large Millenia Side Mount	40L 40 LEDs	27 2,700K	T2 Type 2	MDL018 120V-277V, 180mA ⁽²⁾	CA Clear Acrylic
1A 1 Arm Mount		32L 32 LEDs	30 3,000K	T3 Type 3	MDH018 347V-480V, 180mA ⁽²⁾	SV1 Flat Soft Vue Light Diffused Acrylic
2A 2 Arm Mount @ 180°		24L 24 LEDs	35 3,500K	T4 Type 4	MDL016 120V-277V, 160mA ⁽³⁾	SV2 Flat Soft Vue Moderate Diffused Acrylic
2A90 2 Arm Mount @ 90°			40 4,000K	T5 Type 5	MDH016 347V-480V, 160mA ⁽³⁾	
3A 3 Arms @ 120° ⁽¹⁾			50 5,000K		MDL014 120V-277V, 140mA ⁽²⁾	
3A90 3 Arms @ 90°					MDH014 347V-480V, 140mA ⁽²⁾	
4A 4 Arms @ 90°						
1AM 1 Arm Mid-Mount						
2AM 2 Arm Mid-Mount @ 180°						

Notes:

1. Only available with a round profile pole.

2. 24L or 32L system only.

3. 40L system only.

How to Order

Optional Pole Adapter	Optional Control Receptacle ⁽⁵⁾ ⁽⁶⁾	Optional Control	Optional Motion Sensor ⁽⁸⁾ ⁽⁹⁾	Optional Fuse	Optional House Side Shield ⁽¹⁰⁾	Optional Fixed Dimming Resistor Board ⁽⁵⁾ ⁽⁸⁾	Finish
RP34 For 3" to 4" diameter poles. ⁽⁴⁾ RP56 For 5" to 6" diameter poles. ⁽⁴⁾	R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁷⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁷⁾ SC Shorting Cap ⁽⁷⁾	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 ⁽¹¹⁾

Notes:

4. Required for round poles.

5. Not for use with Motion Sensor.

6. Not for use with FDRB.

7. Requires control receptacle.

8. Not for use with R7.

9. For use with MDLxx driver only.

10. Not for use with T5 optic.

11. 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.
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.



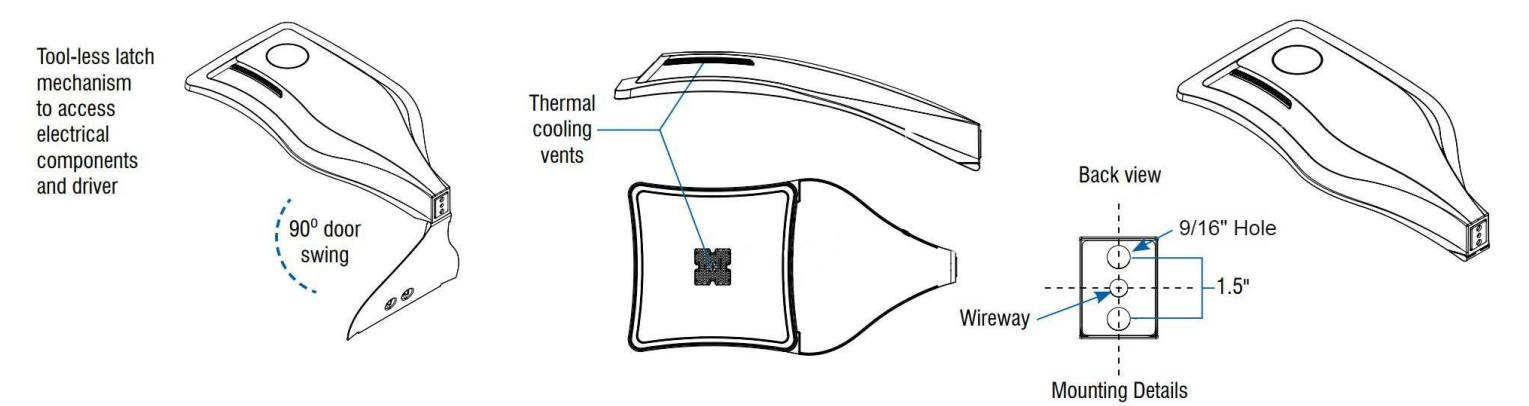
Motion Sensor	The programmable passive infrared motion sensor is installed integral to the fixture. 2 coverage area lenses available; assuming a 20' mounting height a lens with 40' coverage (MOT1) and 70' coverage (MOT2) is available. Sensor includes Dusk/Dawn light sensor for ambient light levels. Custom pre-set programming options can be set at the factory. Optional wireless programming controller available for field reprogramming (FSIR-100).
Photocontrols	Twist-Lock Style (Roof Mount): The photocontrol shall be mounted on the roof and prewired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turnoff at 2-3 footcandles. Photocontrol is 120-277 volt.

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
40L-40-T_-MDL016	22220	B3U0G3	127.0	20900	B3U0G3	119.4	21295	B3U0G3	121.7	22290	B4U0G4	127.4	175
40L-30-T_-MDL016	20510	B3U0G3	117.2	19290	B3U0G3	110.2	19655	B3U0G3	112.3	20575	B4U0G4	117.6	175
40L-27-T_-MDL016	18800	B3U0G3	107.4	17685	B3U0G3	101.1	18020	B3U0G3	103.0	18860	B4U0G4	107.8	175
32L-40-T_-MDL018	19220	B3U0G2	124.0	18125	B3U0G3	116.9	18490	B3U0G3	119.3	19300	B4U0G3	124.5	155
32L-30-T_-MDL018	17740	B3U0G2	114.5	16730	B3U0G3	107.9	17070	B3U0G3	110.1	17815	B4U0G3	114.9	155
32L-27-T_-MDL018	16265	B3U0G2	104.9	15335	B3U0G3	98.9	15645	B3U0G3	100.9	16330	B4U0G3	105.4	155
32L-40-T_-MDL014	15840	B2U0G2	133.1	14950	B2U0G2	125.6	15200	B2U0G2	127.7	15960	B3U0G3	134.1	119
32L-30-T_-MDL014	14620	B2U0G2	122.9	13800	B2U0G2	116.0	14030	B2U0G2	117.9	14730	B3U0G3	123.8	119
32L-27-T_-MDL014	13405	B2U0G2	112.6	12650	B2U0G2	106.3	12860	B2U0G2	108.1	13505	B3U0G3	113.5	119
24L-40-T_-MDL018	14735	B2U0G2	123.8	13955	B2U0G2	117.3	14150	B2U0G2	118.9	14795	B3U0G3	124.3	119
24L-30-T_-MDL018	13600	B2U0G2	114.3	12880	B2U0G2	108.2	13060	B2U0G2	109.7	13655	B3U0G3	114.7	119
24L-27-T_-MDL018	12470	B2U0G2	104.8	11810	B2U0G2	99.2	11975	B2U0G2	100.6	12520	B3U0G3	105.2	119
24L-40-T_-MDL014	11805	B2U0G2	134.1	11190	B2U0G2	127.2	11310	B2U0G2	128.5	11880	B3U0G3	135.0	88
24L-30-T_-MDL014	10895	B2U0G2	123.8	10330	B2U0G2	117.4	10440	B2U0G2	118.6	10965	B3U0G3	124.6	88
24L-27-T_-MDL014	9990	B2U0G2	113.5	9470	B2U0G2	107.6	9570	B2U0G2	108.8	10050	B3U0G3	114.2	88

Other Features



Options

