



# ML760 MILLENIA SERIES

EPA 1.3 (97)	7 YEAR WARRANTY	LUMENS 17,000	LIFE SPAN 50,000 HOURS	UL LISTED FOR FAN*	CLICK FOR FAX*
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JOB NAME  
FIXTURE TYPE  
REMARKS

ORDERING EXAMPLE: PT-ML760-32L40T5-MDL04-SVI-FHD/45Q-16-188/UGMT

Mounting Config	Fixture	LED	OPT	Distribution Type	Driver	Lens	Option (Lens/Receptacle)	Option (Control)	Option (FAN)	Option (Shield)	Option (Base)	Option (Finish)	Option (Color)
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**Mounting Configuration**  
(Each size is a separate specification sheet)  
- IW 2A 3A90 1AM  
- PT 2A90 3A97 2AM  
- 1A 2A97 1A  
- 1AFT 3A 4A97

**W-Well Mount:** A - Arm Mount; AM - Arm Mid-Mount

**Back Light Optical Control**  
The luminaire is designed to be used with a back light optical control (BLOC) shield. The BLOC shield is available in a variety of finishes and colors. See the BLOC shield specification sheets.

**LEDs**  
The luminaire shall use high output, high brightness LEDs. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be configured to minimize up-light. The LEDs and printed circuit boards shall be 100% recyclable. They shall also be protected from moisture and corrosion by a conformal coating. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance (HP) LEDs shall have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance) rated at 25°C. The High Brightness, High Output LEDs shall be 4000K (2700K, 3000K or 5000K) option color temperature with a minimum CRI of 90. Contact factory for custom color CCT. The luminaire shall have a minimum  $\theta_{1/2}$  (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

**Optics**  
The luminaire shall be provided with refractor type optics applied to each LED array. The luminaire shall provide type 1, 2, 3, 4 or 5 light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

**BLOC Optic:** An optional "Back Light Optical Control" shield can be provided at the factory. This is an optional optic shield (called "Side Shield") offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.

**Electronic Drivers**  
The LED driver shall be UL Recognized. It shall be securely mounted inside the fixture. For optimized performance and longevity, it shall be supplied with a quick-disconnect electrical connector on the power supply, allowing easy power connections and future installation. It shall have overload, overheat and short circuit protection.

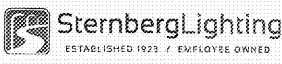
**Finish**  
Refer to website for details.

**Options**

**House Side Shield**

**Button Photocell**

**Rotolock Photocell with Decorative Light Shield Cover**

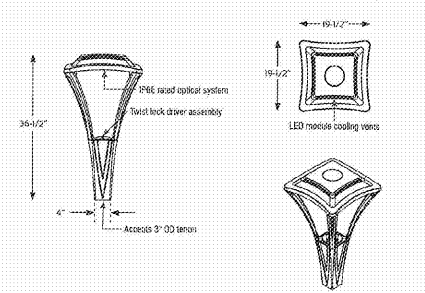


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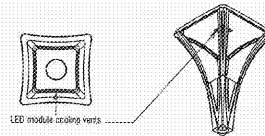
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protection, and have a DC voltage output, constant current design. 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C82.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than 0.9. It shall be dimming capable using a 0-10V signal, consult factory for more information.

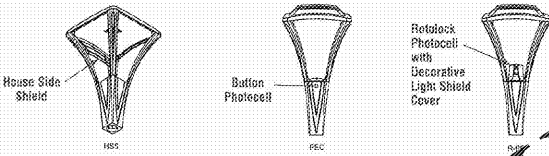
## Fixtures



## Features



## Options

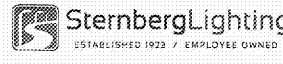


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## Performance (Based on CA Lens)

MODEL	CA LENS	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM
40.47T_40L18	1642	88.9	4870	88.9	1800	87.4	1736	87.3	175	175
40.47T_40L18	1570	88.5	1935	88.5	1345	87.7	1620	87.8	175	175
40.27T_40L18	1470	87.0	1870	87.0	1380	87.8	1496	87.9	175	175
22.40T_40L18	1390	86.0	1435	86.0	1350	86.8	1492	86.9	164	164
22.30T_40L18	1340	86.0	1390	86.0	1310	86.8	1345	86.8	164	164
12.27T_40L18	1260	84.0	1290	84.0	1190	83.4	1310	83.4	164	164
12.47T_40L18	1124	84.0	1170	84.0	1180	83.5	1240	83.5	164	164
12.30T_40L18	1100	84.0	1170	84.0	1065	82.8	1180	82.8	164	164
32.17T_40L18	954	80.0	1035	80.0	915	83.0	1080	83.0	137	137
24.40T_40L18	1015	82.0	1090	82.0	1060	82.7	1115	82.7	137	137
24.30T_40L18	1025	82.0	1090	82.0	1060	82.8	1095	82.8	137	137
24.17T_40L18	920	82.0	985	82.0	905	82.3	960	82.3	137	137
24.40T_40L14	855	84.0	910	84.0	840	84.4	895	84.4	98	98
24.40T_40L14	850	84.0	905	84.0	835	84.4	890	84.4	98	98
24.17T_40L14	740	84.0	795	84.0	730	84.4	785	84.4	98	98



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# MILLENIA® ML360

CLICK FOR FAX*	RATED PER 66	DST OPTIONS 770 3500 6000	7 YEAR WARRANTY	UL LISTED
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ORDERING EXAMPLE: BL8-ML360-CA-32L45T5-MDL03-PEC-FHD/UGMT

Mounting Config	Height (ft)	Series	Lens	No. of LEDs	Color Temp	Description	Driver	Button Photocell	Ground Fault Breaker	Dual Pole & Neutral	Color	
BL	8	CA	32L	2700K	T2	MDL03	MDL03	PEC*	GF-LPHUL*	FHD	ULBMT	ULB8
PM	4	SV1	32L	3000K	T3R	MDL03*	MDL03*	PEC*	GF-LPHUL*	FHD	ULBMT	ULB8
PM	5	SV2	32L	4000K	T4	MDL03*	MDL03*	PEC*	GF-LPHUL*	FHD	ULBMT	ULB8
WS*	6				T5	MDL03*	MDL03*	PEC*	GF-LPHUL*	FHD	ULBMT	ULB8
	7					MDL03*	MDL03*	PEC*	GF-LPHUL*	FHD	ULBMT	ULB8
	8					MDL03*	MDL03*	PEC*	GF-LPHUL*	FHD	ULBMT	ULB8

## Product Specs

**Optical**  
- IP66 rated optic module.  
- Available in ES Type 2, 3R, 4 and 5 distributions.  
- Unique high output, high brightness LEDs.  
- Typical CRI of 90. CCT: 2700, 3000 and 4000K. Call factory for custom CCT.  
- 1.30-1.70 lux @ 10' beam in accordance with IESNA standards.  
- Lumen depreciation rating L70=100,000 hours, projected per TM-21 procedure using 700mA drive current at 25°C ambient.  
- Not S compliant.

**Electrical**  
- 120-277V available.  
- Minimum driver power factor >0.9.  
- Electrical surge protection in accordance with IEEE/ANSI C82.41.2 guidelines.  
- UL listed in U.S. and Canada.

**Mechanical**  
- Cast aluminum roof heat sink, one-piece die cast caplight, and fixed back mounting tabs.  
- Controls  
- PEC: Electronic Button Photocell (120-277V)  
- GF-LPHUL: Optional 15A duplex GFCI receptacle with a low profile in-use cover.  
- Finish  
- Durable, color intensive powder coat.  
- Materials & Standards  
- LED: A and UV-protected.  
- All materials shall be free from all products in material workmanship for a period of 5 years from the date of manufacture. The manufacturer shall warrant the luminaire against LED failure for a period of 5 years from the date of manufacture. The manufacturer shall warrant the luminaire against LED failure for a period of 10 percent of the luminaire's useful life.  
- Driver (0-10V dimming)  
- MDL03: 120V-277V  
- MDL03\*: 120V-277V  
- MDL03T: 120V-277V  
- MDL03T\*: 120V-277V  
- MDL03T\*: 120V-277V

**Colors**  
ULBMT - Urban Bronze Textured  
ULBT - Urban Bronze Matte  
ULST - Urban Silver Textured  
ULSM - Urban Silver Matte  
ULWH - Urban White Textured  
ULWM - Urban White Matte  
ULCS - Urban Champagne Satin Smooth  
ULCS\* - Urban Champagne Satin Smooth  
ULS - Urban Light Bronze Matte  
ULS\* - Urban Light Bronze Matte  
UL - Urban Silver Matte  
UL\* - Urban Silver Matte  
ULM - Urban Light Bronze Matte  
ULM\* - Urban Light Bronze Matte  
BKT - Black Textured

## Performance (Based on CA Lens)

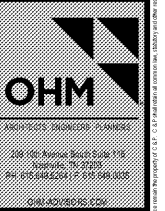
MODEL	CA LENS	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM	BEAM
32.17T_40L18	2130	87.8	2110	87.7	2120	87.8	2085	87.8	212	212
32.35T_40L18	2500	85.9	2410	85.4	2410	85.9	2386	85.6	218	218
32.45T_40L18	2670	70.3	2570	67.8	2575	67.8	2535	66.7	218	218
32.27T_40L18	3025	61.8	2940	58.7	2965	58.7	2919	58.0	218	218
32.15T_40L18	3450	59.1	3355	57.8	3375	57.7	3338	57.4	188	188
32.45T_40L18	3855	63.0	3675	61.6	3630	61.0	3520	61.2	188	188
31.81T_40L18	3875	47.5	3866	46.3	3848	46.2	3805	45.5	212	212
32.15T_40L18	4177	54.7	4085	52.8	4065	52.3	4006	51.9	212	212
32.45T_40L18	4445	57.7	4350	56.2	4310	56.3	4269	55.9	212	212

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CLIENT NAME  
ROCKLEDGE MULTI-FAMILY  
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PROJECT TITLE  
PHOTOMETRIC FIXTURE SPECIFICATION SHEETS  
NOV 03, 2015

Revision Schedule	Date
No.	Description

PROJECT NO. 054-15-010  
DATE 20/11/10  
DRAWN  
CHECKED  
DATE