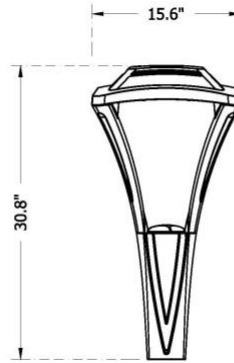
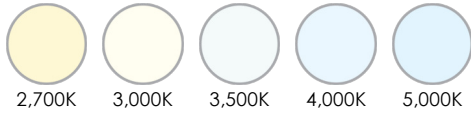


Project Name \_\_\_\_\_ Qty \_\_\_\_\_

Type \_\_\_\_\_ Catalog / Part Number \_\_\_\_\_



### CCT - Color Temperature (K)



### 7 Year Warranty



### Certifications



### Features

#### Mounting Configuration

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| <b>1W:</b> Wall Mount                | <b>PT:</b> Post Top                 |
| <b>1A:</b> 1 Arm Mount               | <b>1APT:</b> 1 Arm & Post Top       |
| <b>2A:</b> 2 Arm Mount @ 180°        | <b>2A90:</b> 2 Arm Mount @ 90°      |
| <b>2APT:</b> 2 Arm @ 180° & Post Top | <b>3A:</b> 3 Arms @ 120°            |
| <b>3A90:</b> 3 Arms @ 90°            | <b>3APT:</b> 3 Arm @ 120 & Post Top |
| <b>4A:</b> 4 Arms @ 90°              | <b>4APT:</b> 4 Arm @ 90 & Post Top  |
| <b>1AM:</b> 1 Arm Mid-Mount          | <b>2AM:</b> 2 Arm Mid-Mount @ 180   |

#### Optional Fuse

**FHD:** Double Fuse and Holder

#### Optional House Side Shield

**HSS:** 120° House Side Shield  
**BLOC:** Back Light Optical Control

#### Optional Fixed Dimming Resistor Board

**FDRB:** Fixed Dimming Resistor Board

### Physical

#### Fixture

**ML660:** ML660

#### Lens

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

#### Finish

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

### Light Source

#### LED

<b>24L:</b> 24 LEDs	<b>16L:</b> 16 LEDs
<b>12L:</b> 12 LEDs	

#### CCT - Color Temperature (K)

<b>27:</b> 2,700K	<b>30:</b> 3,000K
<b>35:</b> 3,500K	<b>40:</b> 4,000K
<b>50:</b> 5,000K	

<b>Distribution Type</b>	<b>T2:</b> Type 2 <b>T4:</b> Type 4	<b>T3:</b> Type 3 <b>T5:</b> Type 5
--------------------------	--	--

**Electrical and control**

<b>Driver</b>	<b>MDL018:</b> 120V-277V, 180mA <b>MDL014:</b> 120V-277V, 140mA <b>MDL008:</b> 120V-277V, 80mA	<b>MDH018:</b> 347V-480V, 180mA <b>MDH014:</b> 347V-480V, 140mA <b>MDH008:</b> 347V-480V, 80mA
---------------	--	--

**Specifications**

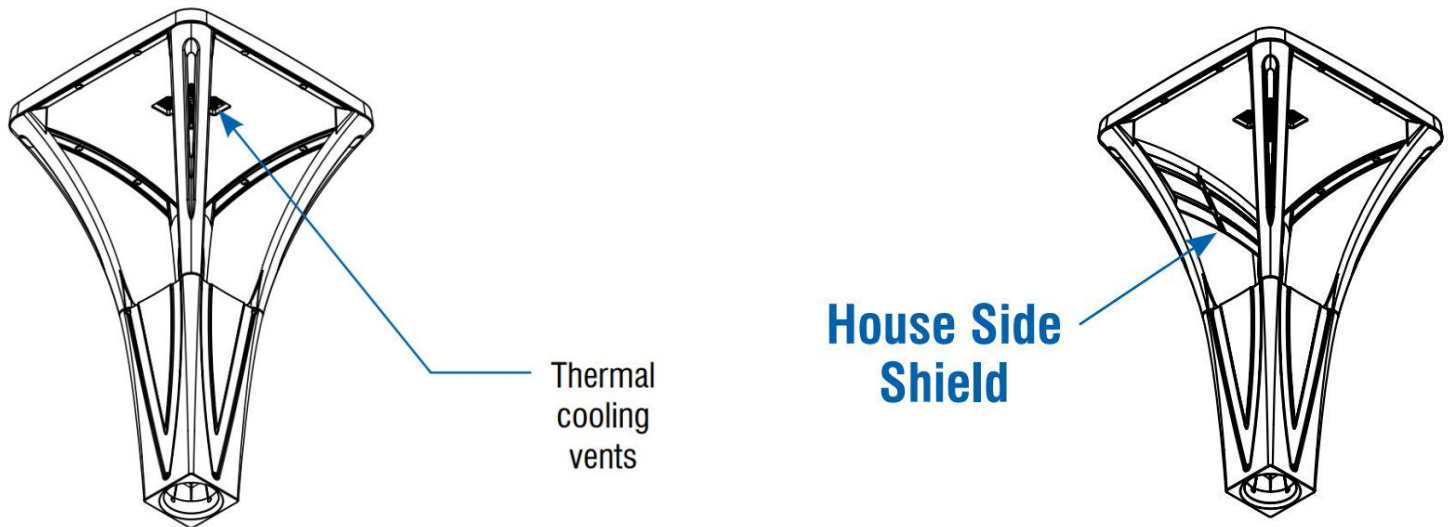
<b>Fitter</b>	The fitter shall be heavy wall cast aluminum for high tensile strength. It includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.
<b>Comfortable Optics</b>	SoftVue™ lens provides optimal visual comfort
<b>UL Listing</b>	UL listed per UL 1598 for Wet Locations and CSA 22.2 No. 250.0 for the US and Canada.
<b>Electronic Driver</b>	The LED driver shall be securely mounted inside the fixture, for optimized performance and longevity and shall be U.L. Recognized. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit 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 C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.
<b>NightSky® Friendly</b>	Night-Sky Compliant with a U0 BUG rating
<b>Finish</b>	6 Stage Polyester Powdercoat paint system.
<b>Urban Finish</b>	Urban paint finishes are available in Sternberg Lighting's Urbanline products and create a modern, elegant aesthetic. Finishes are available in textured or matte.
<b>Warranty</b>	7-year limited warranty (See Website for Terms and Conditions.)
<b>LEDs</b>	The luminaire shall be fully shielded and use high output, high brightness LEDs in a 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). <b>CCT Lumen Derate Values from 4,000K</b> 2,700K (70+ CRI)=.92 3,000K (70+ CRI)=.95 3,500K (70+ CRI)=.97 5,000K (70+ CRI)=1.00
<b>Optics</b>	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.
<b>Backlight Optical Control</b>	<b>BLOC Optic (BLOC):</b> 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. <b>External House Side Shield (HSS):</b> An optional external 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
<b>FDRB</b>	10-step field adjustable dimming board. Includes step dimming options from 25%-100%. The unit is conformal coated and UL recognized for use in damp locations.

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
24L40T_-MDL014	8400	B2U0G2	94.4	8410	B2U0G2	94.5	7925	B2U0G2	89.0	8510	B3U0G1	95.6	89
24L30T_-MDL014	8010	B2U0G2	90.0	8020	B2U0G2	90.1	7555	B2U0G2	84.9	8115	B3U0G1	91.2	89
24L27T_-MDL014	7240	B2U0G2	81.3	7250	B2U0G2	81.5	6830	B2U0G2	76.7	7335	B3U0G1	82.4	89
16L40T_-MDL018	6930	B2U0G1	86.6	6880	B1U0G1	86.0	6460	B1U0G1	80.8	6960	B2U0G1	87.0	80
16L30T_-MDL018	6605	B2U0G1	82.6	6560	B1U0G1	82.0	6160	B1U0G1	77.0	6635	B2U0G1	82.9	80
16L27T_-MDL018	5975	B2U0G1	74.7	5930	B1U0G1	74.1	5570	B1U0G1	69.6	6000	B2U0G1	75.0	80
12L40T_-MDL018	5155	B1U0G1	84.5	5140	B1U0G1	84.3	4900	B1U0G1	80.3	5170	B2U0G1	84.8	61
12L30T_-MDL018	4915	B1U0G1	80.6	4900	B1U0G1	80.3	4670	B1U0G1	76.6	4930	B2U0G1	80.8	61
12L27T_-MDL018	4445	B1U0G1	72.9	4430	B1U0G1	72.6	4225	B1U0G1	69.3	4455	B2U0G1	73.0	61
12L40T_-MDL014	4235	B1U0G1	90.1	4270	B1U0G1	90.9	4035	B1U0G1	85.9	4250	B2U0G2	90.4	47
12L30T_-MDL014	4040	B1U0G1	86.0	4070	B1U0G1	86.6	3845	B1U0G1	81.8	4050	B2U0G2	86.2	47
12L27T_-MDL014	3650	B1U0G1	77.7	3680	B1U0G1	78.3	3480	B1U0G1	74.0	3665	B2U0G2	78.0	47
12L40T_-MDL008	2585	B1U0G1	95.7	2635	B1U0G1	97.6	2475	B1U0G1	91.7	2600	B1U0G1	96.3	27
12L30T_-MDL008	2465	B1U0G1	91.3	2510	B1U0G1	93.0	2360	B1U0G1	87.4	2480	B1U0G1	91.9	27
12L27T_-MDL008	2230	B1U0G1	82.6	2270	B1U0G1	84.1	2135	B1U0G1	79.1	2240	B1U0G1	83.0	27

Other Features



How to order

Mounting Configuration	Fixture	LED	CCT - Color Temperature (K)	Distribution Type	Driver	Lens
<b>1W</b> Wall Mount	<b>ML660</b> ML660	<b>24L</b> 24 LEDs	<b>27</b> 2,700K	<b>T2</b> Type 2	<b>MDL018</b> 120V-277V, 180mA <sup>(2)</sup>	<b>CA</b> Clear Acrylic  <b>SV1</b> Flat Soft Vue Light Diffused Acrylic  <b>SV2</b> Flat Soft Vue Moderate Diffused Acrylic
<b>PT</b> Post Top			<b>30</b> 3,000K	<b>T3</b> Type 3		
<b>1A</b> 1 Arm Mount		<b>12L</b> 12 LEDs	<b>35</b> 3,500K	<b>T4</b> Type 4	<b>MDL014</b> 120V-277V, 140mA <sup>(3)</sup>	
<b>1APT</b> 1 Arm & Post Top			<b>40</b> 4,000K	<b>T5</b> Type 5		
<b>2A</b> 2 Arm Mount @ 180°		<b>50</b> 5,000K			<b>MDL008</b> 120V-277V, 80mA <sup>(4)</sup>	
<b>2A90</b> 2 Arm Mount @ 90°						
<b>2APT</b> 2 Arm @ 180° & Post Top						
<b>3A</b> 3 Arms @ 120° <sup>(1)</sup>						
<b>3A90</b> 3 Arms @ 90°						
<b>3APT</b> 3 Arm @ 120 & Post Top <sup>(1)</sup>						
<b>4A</b> 4 Arms @ 90°						
<b>4APT</b> 4 Arm @ 90 & Post Top						
<b>1AM</b> 1 Arm Mid-Mount						
<b>2AM</b> 2 Arm Mid-Mount @ 180						

Notes:

- 1. Only available with a round profile pole
- 2. 16L or 12L system only.

- 3. 24L or 12L system only.
- 4. 12L system only.

## How to order

Optional Fuse	Optional House Side Shield <sup>(6)</sup>	Optional Fixed Dimming Resistor Board	Finish
<b>FHD</b> Double Fuse and Holder <sup>(5)</sup>	<b>HSS</b> 120° House Side Shield  <b>BLOC</b> Back Light Optical Control	<b>FDRB</b> Fixed Dimming Resistor Board	<b>UGMT</b> Urban Gun Metal Textured <b>UGM</b> Urban Gun Metal Matte <b>UBT</b> Urban Bronze Textured <b>UB</b> Urban Bronze Matte <b>USLT</b> Urban Silver Textured <b>USL</b> Urban Silver Matte <b>UWHT</b> Urban White Textured <b>UWH</b> Urban White Matte <b>BKT</b> Black Textured <b>CM</b> Custom Match <sup>(7)</sup> <sup>(8)</sup>

**Notes:**

- 5. Ships loose for installation in base.
- 6. Not for use with TS optic.

- 7. Smooth finishes are available upon request.
- 8. Custom colors require upcharge.