



Lumec **SoleCity** family, going beyond decorative functional outdoor lighting to help you create a unique, stunning and harmonious look for any public space.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Ordering guide

example: ULM100-110W96LED4K-G2-LE3-120-DMG-UBM100-1A-UPM100-14-BKTX

Series	LED Module	Board Gen	Optical System	Volts	Driver Options	Luminaire Options	Bracket	Config.	Pole Type	Height	Finish
<b>ULM100</b>		<b>G2</b>									
<b>ULM100</b> SoleCity (medium)	<b>3000K</b>	<b>G2</b>	<b>LE2</b> Type II (ASYM) <b>LE3</b> Type III (ASYM) <b>LE4</b> Type IV (ASYM)	<b>120</b>	<b>AST<sup>1</sup></b> Pre-set driver for progressive start-up	<b>HS</b> House Side Shield <b>OVR</b> Dynadimmer <b>PH8</b> Twist-lock Photoelectric Cell <b>PH9</b> Shorting cap <b>PHXL</b> Twist-lock Photoelectric Cell, extended life <b>RC<sup>2</sup></b> Receptacle for twist-lock photocell or shorting cap, 3-pin <b>RCD7<sup>2,4</sup></b> Receptacle 7-pin	<b>UBM100</b>	<b>1A</b> <b>2<sup>3</sup></b>	<b>UPM100</b> <b>UPM100S</b>	<b>13</b>	<b>Textured</b>
	<b>70W64LED3K</b> <b>110W64LED3K</b> <b>110W96LED3K</b> <b>145W128LED3K</b> <b>160W96LED3K</b> <b>180W160LED3K</b> <b>215W128LED3K</b> <b>270W160LED3K</b>			<b>208</b> <b>240</b> <b>277</b> <b>347</b> <b>480</b> <b>UNV</b>	<b>CDMGE25<sup>1</sup></b> 8 hrs. 25% reduction <b>CDMGE50<sup>1</sup></b> 8 hrs. 50% reduction <b>CDMGE75<sup>1</sup></b> 8 hrs. 75% reduction <b>CDMGM25<sup>1</sup></b> 6 hrs. 25% reduction <b>CDMGM50<sup>1</sup></b> 6 hrs. 50% reduction <b>CDMGM75<sup>1</sup></b> 6 hrs. 75% reduction <b>CDMGS25<sup>1</sup></b> 4 hrs. 25% reduction <b>CDMGS50<sup>1</sup></b> 4 hrs. 50% reduction <b>CDMGS75<sup>1</sup></b> 4 hrs. 75% reduction <b>CDMGP<sup>1</sup></b> Dimming level determined by user <b>CLO<sup>1</sup></b> Pre-set driver to manage lumen depreciation <b>DALI<sup>1</sup></b> Pre-set, compatible with the DALI control system <b>DMG</b> 0-10V <b>OTL<sup>1</sup></b> Pre-set driver to signal end of life of the lamp					<b>14</b> <b>15</b> <b>16</b> <b>17</b> <b>18</b> <b>19</b> <b>20</b> <b>21</b> <b>22</b>	<b>BE2TX</b> Midnight Blue <b>BE6TX</b> Ocean Blue <b>BE8TX</b> Royal Blue <b>BG2TX</b> Sandstone <b>BKTX</b> Black <b>BRTX</b> Bronze <b>GN4TX</b> Blue Green <b>GN6TX</b> Forest Green <b>GN8TX</b> Dark Forest Green <b>GNTX</b> Green <b>GY3TX</b> Medium Grey <b>RD2TX</b> Burgundy <b>RD4TX</b> Scarlet <b>WHTX</b> White
	<b>4000K</b>										
	<b>70W64LED4K</b> <b>110W64LED4K</b> <b>110W96LED4K</b> <b>145W128LED4K</b> <b>160W96LED4K</b> <b>180W160LED4K</b> <b>215W128LED4K</b> <b>270W160LED4K</b>										<b>Non-Textured</b> <b>GR</b> Gray Sandtex <b>NP</b> Natural Aluminum <b>TG</b> Hammerstone Gold

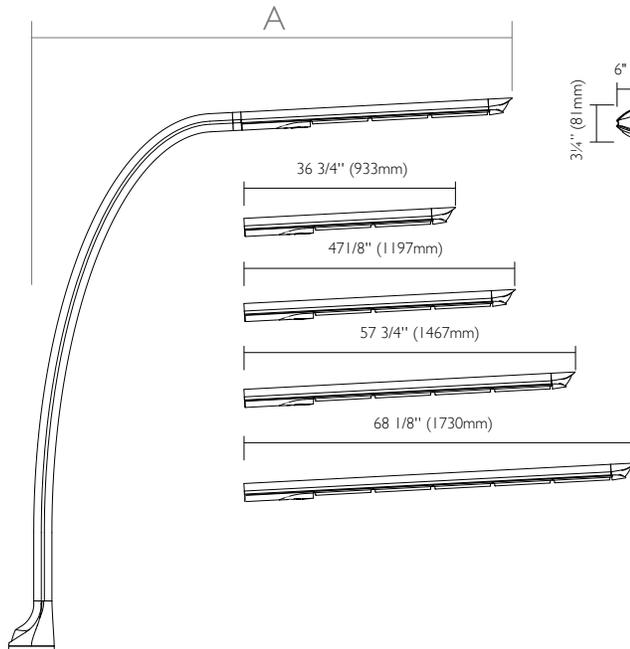
1. Not available 347-480 volt.  
 2. Use of photoelectric cell or shorting cap is required to ensure proper illumination.  
 3. Mid-pole Luminaire Not Available with this configuration.  
 4. The RCD7 is located on top of the luminaire. In case of 2 luminaires configuration, only one 7-pin receptacle is installed.  
 Note: If 7 pin receptacle is required contact factory.



# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### Dimensions



- A / 2 modules (64 LEDs) = 73" (1854mm)
- A / 3 modules (96 LEDs) = 83" (2018mm)
- A / 4 modules (128 LEDs) = 94" (2388mm)
- A / 5 modules (160 LEDs) = 104" (2642mm)

LED Module	Total LEDs	LED Current (mA)	Average System Wattas (W)	LE2			LE3			LE4		
				Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
<b>3000K</b>												
70W64LED3K-G2	64	350	70	7447	107	B2-U3-G2	7430	106	B1-U3-G2	7322	105	B1-U3-G3
110W64LED3K-G2	64	530	105	10682	102	B2-U3-G2	10657	101	B2-U3-G2	10503	100	B2-U3-G3
110W96LED3K-G2	96	350	106	11171	106	B2-U3-G2	11145	105	B2-U3-G2	10983	104	B2-U3-G3
160W96LED3K-G2	96	530	160	16023	100	B3-U3-G2	15986	100	B3-U3-G3	15754	99	B2-U3-G4
145W128LED3K-G2	128	350	138	14894	108	B3-U3-G2	14860	108	B2-U3-G3	14644	106	B2-U3-G4
215W128LED3K-G2	128	530	209	21364	102	B3-U3-G3	21315	102	B3-U3-G3	21005	101	B3-U3-G5
180W160LED3K-G2	160	350	170	18618	110	B3-U3-G2	18575	109	B2-U3-G3	18305	108	B2-U3-G4
270W160LED3K-G2	160	530	261	26705	102	B3-U3-G3	26644	102	B3-U3-G4	26256	101	B2-U3-G5
<b>4000K</b>												
70W64LED4K-G2	64	350	70	8845	127	B2-U3-G2	8825	126	B1-U3-G2	8710	125	B1-U3-G3
110W64LED4K-G2	64	530	105	12687	121	B2-U3-G2	12658	121	B2-U3-G2	12474	119	B2-U3-G4
110W96LED4K-G2	96	350	106	13268	125	B2-U3-G2	13238	125	B2-U3-G2	13045	123	B2-U3-G4
160W96LED4K-G2	96	530	160	19031	119	B2-U3-G2	18988	119	B3-U3-G3	18712	117	B2-U3-G5
145W128LED4K-G2	128	350	138	17690	128	B3-U3-G2	17650	128	B2-U3-G3	17393	126	B2-U3-G4
215W128LED4K-G2	128	530	209	25375	121	B3-U3-G3	25317	121	B3-U3-G4	24949	119	B2-U3-G5
180W160LED4K-G2	160	350	170	22113	130	B3-U3-G3	22063	130	B3-U3-G3	21742	128	B3-U3-G5
270W160LED4K-G2	160	530	261	31718	122	B3-U3-G4	31646	121	B3-U3-G4	31186	119	B3-U3-G5

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.  
 Note: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### Specifications

#### Housing

Exclusive shape made of extruded 6063 T6 Aluminum alloy 0.188 (4.8mm) minimum thickness. Mechanically assembled on a rectangular tenon having 1 3/4" x 1 3/4" (44mm x 44mm) by 7 1/4" (184mm) long. Comes with 2 hexagonal bolts 1/2 13 UNC for ease of maintenance and installation. The housing is complete with a secured door avoiding accidental dropping giving access to the quick disconnect wiring connection.

**End Cap:** Made of cast A356 Aluminum alloy 0.188 (4.8mm) minimum thickness, mechanically assembled to the housing.

#### Light engine

LED engine composed of 5 main components: Heat Sink / Lens / LED lamp / Driver / Optical System. Electrical components are RoHS compliant.

#### LED engine

Composed of high-performance white LEDs. Color temperature as per ANSI/NEMA bin Neutral White, 4000 Kelvin nominal (3985K +/- 275K or 3710K to 4260K) or Warm white, 3000 Kelvin nominal (3045K +/- 175K or 2870K to 3220K), CRI 70 Min. 75 Typical.

#### Lens

Made of clear polycarbonate curved lens, permanently assembled and sealed onto the lower part of the heat sink.

#### Heat sink

Made of cast aluminum optimizing the LEDs efficiency and life. Product does not use any cooling device with moving parts (only passive cooling device).

#### Optical system

Composed of high performance optical grade PMMA acrylic refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity. Optical system is rated IP66. Performance shall be tested per LM 63, LM 79 and TM 15 (IESNA) certifying its photometric performance. Street side indicated.

**LE2:** Type II (ASYM)  
**LE3:** Type III (ASYM)  
**LE4:** Type IV (ASYM)

#### Driver

Driver comes standard with dimming compatible 0-10V. High power factor of 90% minimum. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 or 347 to 480 VAC rated for both application line to line or line to neutral, Class I, THD of 20% max. Maximum ambient operating temperature from 40°F (40°C) to 130°F (55°C). Certified in compliance to UL1310 cULus requirement. Dry and damp location. Assembled on a unitized removable tray with Tyco quick disconnect plug resisting to 221°F (105°C). The current supplying the LEDs will be reduced by the driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction. Standard built in driver surge protection of 2.5kV (min).

#### Surge protector

Surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED roadway luminaires electrical immunity requirements for High Test Level 10kV / 10kA.

#### Driver options

**AST:** Pre-set driver for progressive start-up of the LED module(s) to optimize energy management and enhance visual comfort at start-up.

**CLO:** Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the LED module.

**OTL:** Pre-set driver to signal end of life of the LED module(s) for better fixture management.

**DALI:** Pre-set driver compatible with the DALI control system.

**DMG:** Dimmable driver 0-10V.

**CDMG:** Dynadimmer standard dimming functionalities including pre-programmed scenarios to suit many applications and needs from safety to maximum energy savings.

Ordering Code	Dimming		
	Scenario	Time	Level
CDMGS25	Safety	4 hours	25% power
CDMGS50	Safety	4 hours	50% power
CDMGS75	Safety	4 hours	75% power
CDMGM25	Median	6 hours	25% power
CDMGM50	Median	6 hours	50% power
CDMGM75	Median	6 hours	75% power
CDMGE25	Economy	8 hours	25% power
CDMGE50	Economy	8 hours	50% power
CDMGE75	Economy	8 hours	75% power

#### ULM Luminaire Options

**HS:** House Side Shield

**OVR:** Dynadimmer override function offering the possibility to go back to full power at any time via an electrical signal of 120VAC to 277VAC from a motion sensor, a switch, a relay or else.

**PH8:** Twist-lock Photoelectric Cell

**PH9:** Shorting cap

**PHXL:** Twist-lock Photoelectric Cell, extended life

**UD:** (only available for ULR100) - uplight deflector option

**RC:** Receptacle for twist-lock photocell or shorting cap, 3-pin

**RCD7:** Receptacle for twist-lock photocell or shorting cap, 7-pin

#### Finish

In accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with +/- 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard. The surface treatment achieves a minimum of 2000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.

#### Textured Finish Options:

**BE2TX:** Midnight Blue  
**BE6TX:** Ocean Blue  
**BE8TX:** Royal Blue  
**BG2TX:** Sandstone  
**BKTX:** Black  
**BRTX:** Bronze  
**GN4TX:** Blue Green  
**GN6TX:** Forest Green  
**GN8TX:** Dark Forest Green  
**GNTX:** Green  
**GY3TX:** Medium Grey  
**RD2TX:** Burgundy  
**RD4TX:** Scarlet  
**WHTX:** White

#### Non-Textured Finish Options:

**GR:** Gray Sandtex  
**NP:** Natural Aluminum  
**TG:** Hammer-tone Gold

#### Luminaire useful life

Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, using LM-80 data from LED manufacturers and engineering prediction methods, the luminaire useful life is expected to reach 100,000+ hours with >L70 lumen maintenance @ 25°C. Luminaire Useful Life accounts for LED lumen maintenance AND all of these additional factors including: LED life, driver life, PCB substrate, solder joints, on/off cycles, burning hours and corrosion. Entire luminaire is rated for operation in ambient temperature of -40°C / -40°F up to +35°C / +95°F.

# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### Specifications (continued)

#### Hardware

All exposed screws shall be complete with Ceramic primer-seal base coat to reduce seizing of the parts and offers a high resistance to corrosion. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

#### Wiring

Wiring completely included with connector. Length supplied is from luminaire to the pole base with 6" (152mm) minimum exceeding from maintenance opening. If ULR100 Mid Pole Option or ULFL100 Flood Light option is included, wiring will be shipped in a separate box and will be installed by others, only the bracket is pre wired for ease of installation.

#### Quality control

Manufactured to ISO 9001 2008 standards and ISO 14001-2004 International Quality Standards Certification.

#### LED products (manufacturing standard)

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340 5 1 and ANSI/ ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

#### Certifications and Compliance

Vibration Resistance: The ULM100 meets the ANSI C136.31 2001, American National Standard for Roadway Luminaire Vibration specifications for normal applications. (Tested for 1.5G over 100 000 cycles)

CSA, cULus Listed for Canada and USA.  
Luminaires are DesignLights Consortium qualified

#### LED Performance

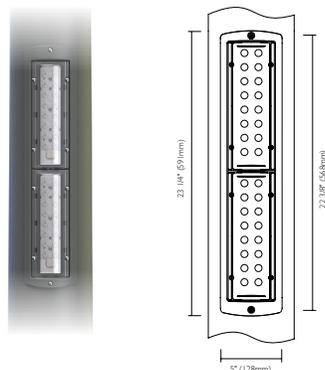
Predicted lumen depreciation data <sup>1</sup>				
Ambient Temperature (°C)	Driver mA	Calculated L <sub>70</sub> hours <sup>1,2</sup>	L <sub>70</sub> per TM-21 <sup>2,3</sup>	Lumen Maintenance % @ 60,000 hours
25°C	530 mA	>100,000	>60,000	88%

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L<sub>70</sub> is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM21-11. Published L<sub>70</sub> hours limited to 6 times actual LED test hours.

# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### ULR100 SoleCity – LED mid-pole light option dimensions



Street & Area luminaires	Height of Pole	Height of Mid-Pole
ULM100	13	11
ULM100	14	12
ULM100	15	13
ULM100	16-22	14

### Ordering guide

example: ULM100-110W96LED4K-G2-LE3-120-DMG-CS-UPM100-14-MPL-12-BKTX  
**ULR100-35W32LED4K-G2-LEV3-120-DMG-CS-UPM100-14-MPL-12-BKTX**

Series	Lamp	Board Gen	Optical System	Volts	Driver Options	Luminaire Options	Finish		
<b>ULR100</b>		<b>G2</b>	<b>LEV3</b>						
ULR100 Mid-Pole Luminaire	<b>3000K</b> 35W32LED3K	G2	LEV3	120 208 240 277 UNV	AST CDMGP CLO DMG OTL	CDMGE25 CDMGE50 CDMGE75 CDMGM25 CDMGM50 CDMGM75 CDMGS25 CDMGS50 CDMGS75	CS Clear Satin Lens OVR Dynadimmer UD Uplight Deflector	<u>Textured</u>	<u>Non-Textured</u>
	<b>4000K</b> 35W32LED4K							BE2TX BE6TX BE8TX BG2TX BKTX BRTX GN4TX	GN6TX GN8TX GNTX GY3TX RD2TX RD4TX WHTX

LED Module	Total LEDs	LED Current (mA)	Average System Wattas (W)	LEV3		
				Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
<b>Clear Lens 3000K</b>						
ULR100-35W32LED3K-G2	32	350	37	3499	95	B0-U4-G3
<b>Clear Lens 4000K</b>						
ULR100-35W32LED4K-G2	32	350	37	4238	115	B0-U4-G3
<b>Satin Lens 3000K</b>						
ULR100-35W32LED3K-G2	32	350	37	2835	77	B0-U4-G3
<b>Satin Lens 4000K</b>						
ULR100-35W32LED4K-G2	32	350	37	3727	102	B0-U4-G3

See the lumen table notes on the bottom of page 2.

### Specifications

See pages 3-4 for complete listing

### LED Performance

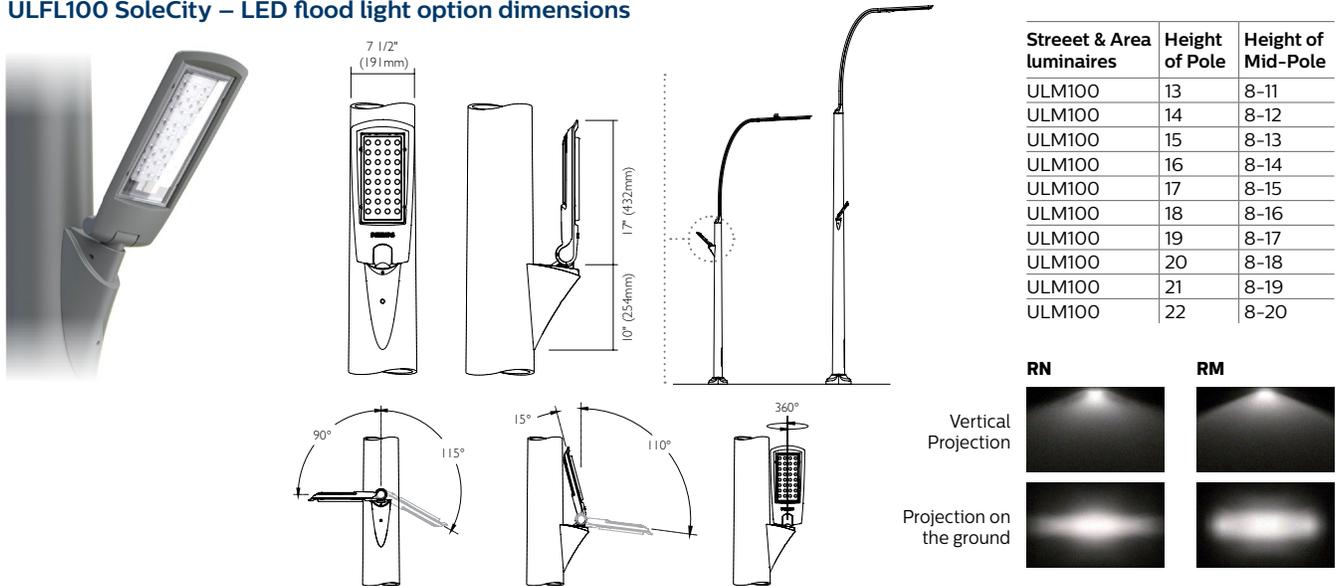
Predicted lumen depreciation data <sup>1</sup>				
Ambient Temperature (°C)	Driver mA	Calculated L <sub>70</sub> hours <sup>1,2</sup>	L <sub>70</sub> per TM-21 <sup>2,3</sup>	Lumen Maintenance % @ 60,000 hours
25°C	350 mA	>100,000	>60,000	88%

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L<sub>70</sub> is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM21-11. Published L<sub>70</sub> hours limited to 6 times actual LED test hours.

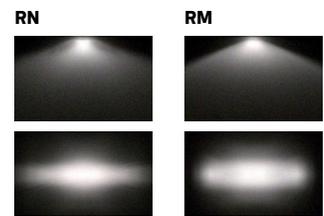
# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### ULFL100 SoleCity – LED flood light option dimensions



Street & Area luminaires	Height of Pole	Height of Mid-Pole
ULM100	13	8-11
ULM100	14	8-12
ULM100	15	8-13
ULM100	16	8-14
ULM100	17	8-15
ULM100	18	8-16
ULM100	19	8-17
ULM100	20	8-18
ULM100	21	8-19
ULM100	22	8-20



### Ordering guide

example: ULM100-110W96LED4K-G2-LE3-120-DMG-UBM100-1A  
**ULFL100-70W64LED4K-G2-RM-120-DMG-UBFL100-F-UPM100-14-MPL-10-180deg-BKTX**

Series	Lamp	Board Gen	Optical System	Volts	Driver Options	Luminaire Options	Mid-Pole Bracket	Mid-Pole Config	Finish
<b>ULFL100</b>		<b>G2</b>							
<b>ULFL100</b> Mid-Pole Luminaire	<b>3000K</b> 35W32LED3K 55W32LED3K  <b>4000K</b> 35W32LED4K 55W32LED4K	G2	RM RN	120 208 240 277 UNV	AST CDMGP CLO DMG OTL	CDMGE25 CDMGE50 CDMGE75 CDMGM25 CDMGM50 CDMGM75 CDMGS25 CDMGS50 CDMGS75	OVR UBFL100	F 2F	<u>Textured</u> BE2TX GN6TX BE6TX GN8TX BE8TX GNTX BG2TX GY3TX BKTX RD2TX BRTX RD4TX GN4TX WHTX  <u>Non-Textured</u> GR NP TG

### Additional Specifications

See pages 3-4 for complete listing

**Housing:** Exclusive shape, the housing is made of cast aluminum 356 and is equipped with a double swivel mechanism offering a full orientation on the horizontal axis and of 180 degrees on the vertical axis. Vertical orientation is locked with two 3/8 16 UNC set screws. The flood light is mechanically assembled on the bracket and the horizontal orientation is locked thereon by means of a 3/8 16 UNC set screw.

**Optical System:** (RN), NEMA type 7H x 5V or (RM), NEMA type 7H x 4V, composed of high-performance acrylic refractor lenses to achieve horizontal spot distribution (symmetrical), rectangular narrow. System is rated IP54. Performance shall be tested per LM-63 and LM-79 (IESNA) certifying its photometric performance.

**Arm:** (UBFL100) Made of cast A356 aluminum, mechanically assembled to the pole. Fastened with one 1/2" 13 Bolt.

**Bracket Weight:** 3 lbs (1.4 kg)

LED Module	Total LEDs	LED Current (mA)	Average System Wattas (W)	RM		RN	
				Delivered Lumens (LM)	Efficacy (LPW)	Delivered Lumens (LM)	Efficacy (LPW)
<b>3000K</b>							
ULFL100-35W32LED3K-G2	32	350	37	3752	102	3801	104
ULFL100-55W32LED3K-G2	32	530	55	5382	99	5452	100
<b>4000K</b>							
ULFL100-35W32LED4K-G2	32	350	37	4516	123	4560	124
ULFL100-55W32LED4K-G2	32	530	55	6478	119	6541	120

See the lumen table notes on the bottom of page 2.

### LED Performance

Predicted lumen depreciation data <sup>1</sup>				
Ambient Temperature (°C)	Driver mA	Calculated L <sub>70</sub> hours <sup>1,2</sup>	L <sub>70</sub> per TM-21 <sup>2,3</sup>	Lumen Maintenance % @ 60,000 hours
25°C	530 mA	>100,000	>60,000	89%

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L<sub>70</sub> is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM21-11. Published L<sub>70</sub> hours limited to 6 times actual LED test hours.

# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### UBM100 SoleCity – Bracket option dimensions

**Ordering guide** (see ULM100 ordering guide on page 1 for ordering options)

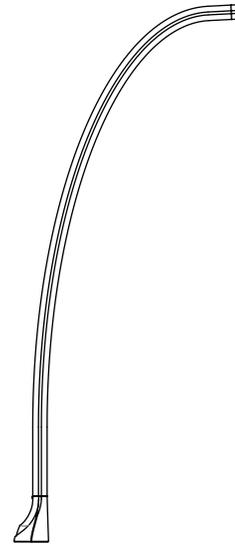
#### Additional Specifications

**Arm:** Shall be made from bent extruded aluminum 6061 T6 alloy 0.188 (4.8mm) minimum thickness with exclusive shape, mechanically assembled to the pole tenon and secured with 4 socket head allen screws 1/2 13 UNC.

**Decorative Element:** Decorative cover made of two piece cast 356 aluminum components, mechanically assembled to the pole tenon without any apparent hardware.

**Bracket Weight:** 94 lbs (42.7 kg)

**Note:** See ULM100 ordering guide on first page for ordering options.



### UPM100 & UPM100S SoleCity – Pole option dimensions

**Ordering guide** (see ULM100 ordering guide on page 1 for ordering options)

#### Additional Specifications

**Pole Shaft:** (UPM100) Shall be made from spun aluminum 6063 T4, tempered to T6 after welding, having a base diameter of 10" (254mm) with 4' 0" (1219mm) straight and top diameter of 8" (203mm) with 10" (254mm) straight, wall thickness 0.250" (6.4mm) welded to both the bottom and top of the anchor plate. (UPM100S) Shall be made from round tapered high tensile carbon steel tubing, having a base diameter of 8" (203mm) and top diameter of 8" (203mm) wall thickness 0.239" (6mm) welded to both the bottom and top of the anchor plate.

**Maintenance Opening:** The pole shall have a 4 1/8" x 18" (105mm x 457mm) maintenance opening centered 36" (914mm) from the bottom of the anchor plate, complete with a weatherproof aluminum cover and a copper ground lug.

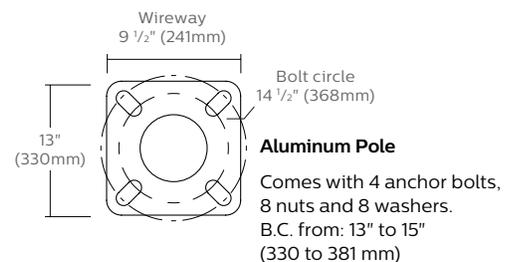
**Base Cover:** Two piece round base cover made from cast 356 aluminum, mechanically fastened with two stainless steel screws discreetly concealed.

**Pole Options:** (MPL) Mid Pole Luminaire.

**Important:** strongly recommends the installation of the complete lighting assembly with all of its accessories upon the anchoring of the pole. This will ensure that the structural integrity of the product is maintained throughout its lifetime.

**Anchor Bolts:** Anchor bolts made of ASTM F1554 99 grade A36 or better steel having a minimum yield strength of 55,000 PSI. Nuts made of ASTM A563 grade A steel or better. The thread fit is ANSI class 2B regardless of bolt diameter. Washers are made of ASTM grade F 844 or better steel. All galvanized parts are hot dip galvanized per ACNOR G 164 minimum.

**Note:** See ULM100 ordering guide on first page for ordering options.



# ULM100 LED SoleCity Street & Area Luminaire

## Urban Luminaire

### Assembly

