



# 1521LED OMEGA SERIES

LED

EPA  
.72 (ft<sup>2</sup>)  
WEIGHT  
27 LBS

7 YEAR  
WARRANTY

LUMEN  
RANGE  
2,640 to  
10,090

LIFE SPAN  
L70  
MINIMUM  
100,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

RATED  
IP65

JOB NAME

FIXTURE TYPE

MEMO

## BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-1521LED-R-12L40T3-MDL018-SV2-HSHB/CA4/4212P4/RCC/UBKT**

Mounting Config.	Fixture	Shade Edge	LED	CCT	Distribution Type	Driver	Lens	Optional Control Receptacle	Optional Control	Option Fuse	Option Hang-straight	Option Term. Block	Option House Side Shield	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

### Mounting Configuration

(Click here to link to mounting configuration specification page)

- 1W • 2A90 • 4A • SH44<sup>1</sup>
- 1A • 3A • 1AM • CH44<sup>1</sup>
- 2A • 3A90 • 2AM • CAT

W = Wall Mount A = Arm Mount AM = Arm Mid-Mount  
SH = Stem Hung CH = Chain Hung CAT = Catenary

<sup>1</sup>Include overall drop length in inches after designation for Stem/Chain application (IE: CH44-48")

### Fixture

- 1521LED • 1521LEDSM

### Shade Edge

- R (Round Edge) • F (Flared Edge)

### LED

- 24L • 16L • 12L

### CCT - Color Temperature (K)

- 27(00) • 30(00) • 40(00) • 50(00)

### Distribution Type

- T2 • T3 • T4 • T5

### Driver

- MDL018<sup>2</sup> (120V-277V, 180mA)
- MDH018<sup>2</sup> (347V-480V, 180mA)
- MDL014<sup>3</sup> (120V-277V, 140mA)
- MDH014<sup>3</sup> (347V-480V, 140mA)
- MDL008<sup>4</sup> (120V-277V, 80mA)
- MDH008<sup>4</sup> (347V-480V, 80mA)

<sup>2</sup>16L or 12L system only

<sup>3</sup>24L or 12L system only

<sup>4</sup>12L system only

### Lens

- FG (Flat Glass)
- SG (Sag Glass)
- FSG (Frosted Sag Glass)
- SV1 (Flat Soft Vue Light Diffused Acrylic)
- SV2 (Flat Soft Vue Moderate Diffused Acrylic)
- SV4 (Flat Soft Vue Maximum Diffused Acrylic)

### Options (Click here to view accessories sheet)

- R<sup>5</sup> Pin control receptacle only
- R5<sup>5</sup> 5-Pin control receptacle only
- R7<sup>5</sup> 7-Pin control receptacle only

- PE<sup>6</sup> Twist-Lock Photocontrol (120v-277v)
- PE3<sup>6</sup> Twist-Lock Photocontrol (347v)
- PE4<sup>6</sup> Twist-Lock Photocontrol (480v)
- SC<sup>6</sup> Shorting Cap
- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHD<sup>7</sup> Double Fuse and Holder
- HSHS<sup>8</sup> Standard Horizontal Hangstraight, Spike Finial
- HSHN<sup>8</sup> Standard Horizontal Hangstraight, No Finial
- HSHB<sup>8</sup> Standard Horizontal Hangstraight, Ball Finial
- EZ<sup>8</sup> Vertical Hangstraight, Large, "EZ" Mount
- HSV<sup>8</sup> Vertical Hangstraight, Standard
- TB Terminal Block
- HSS 120° House Side Shield
- BLOC Back Light Optical Control

<sup>5</sup> Only available with HSH\_ & SM.

<sup>6</sup> Requires control receptacle.

<sup>7</sup> Ships loose for installation in base.

<sup>8</sup> Not for use with 1521LEDSM.

### Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- CA • CSA • FFA • CAS
- DAG • R2<sup>9</sup> • RA

<sup>9</sup> Luminaires above grade height to be 2' higher than pole height, REQUIRES "EZ" hangstraight.

### Pole (Click here to link to pole specification page)

See Pole specification sheets.

### Finish

#### Standard Urban Finishes (Click here to view paint finish sheet)

- UGMT Gun Metal Textured
- UGM Gun Metal Matte
- UBT Urban Bronze Textured
- UB Urban Bronze Matte
- ULBT Urban Light Bronze Textured
- ULB Urban Light Bronze Matte
- USLT Urban Silver Textured
- USL Urban Silver Matte
- UWHT Urban White Textured
- UWH Urban White Matte
- UCHS Urban Champagne Satin Smooth
- BKT Black Textured

### Custom Urban Finishes<sup>10</sup>

- CM Custom Match

<sup>10</sup> Smooth finishes are available upon request.

## Specifications

### Fixture

The 1521LED Omega series is small scale, decorative downlight fixture with a spun aluminum bell styled dome. The dome is available with two types of shades: round edge (R) and flared edge (F) styles. The luminaire measures 21" outside diameter and 17" overall height. The luminaire is U.L. listed in U.S. and Canada.

### LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be roof mounted to minimize up-light. The LED's 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 white LED's will 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 LED's shall be 4000K (2700K, 3000K or 5000K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (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 \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page



# SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNED

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www.sternberglighting.com

**BLOC Optic:** 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.

### Electronic Drivers

The LED driver shall be U.L. 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, 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.

### Photocontrols

**Button Style:** The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years. This option removes the current IP rating. See pole spec sheet for pole mounted version.

**Twist-Lock Style:** The photocontrol shall be mounted externally on the fixture (1521LEDSM), or mounted on the hang-straight, and pre-wired 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 turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

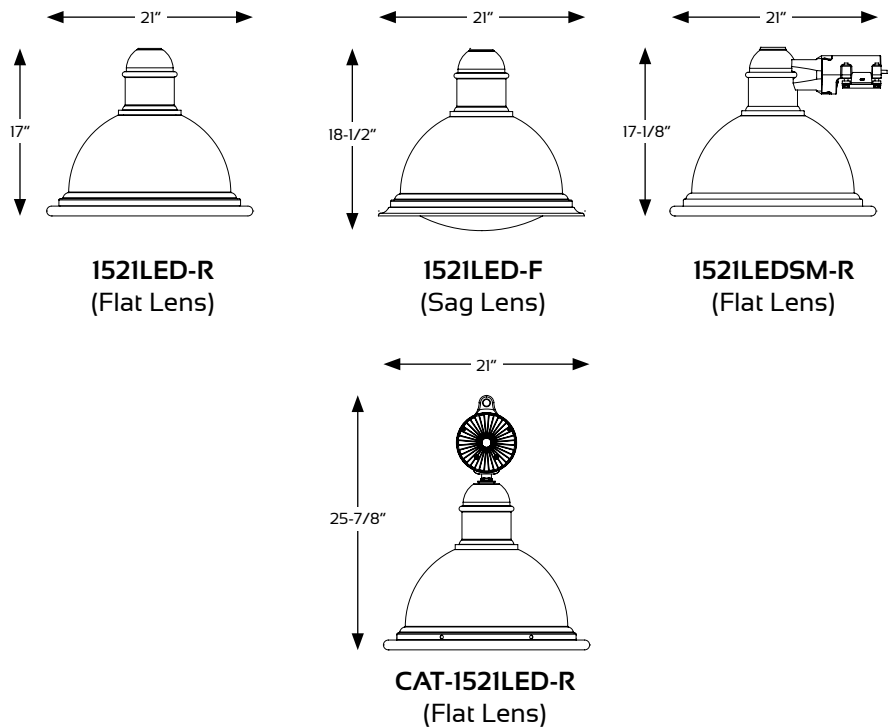
### Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

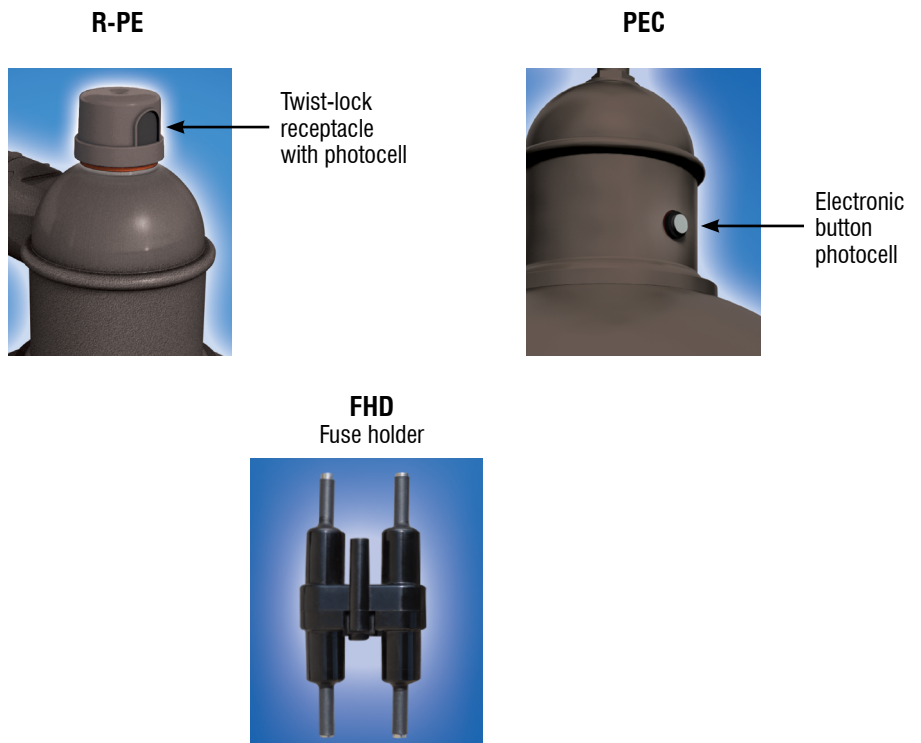
### Finish

Refer to website for details.

## Fixtures



## Options



# 1521LED OMEGA SERIES

LED

## Performance (Based on FG Lens)

MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTS
24L40T_-MDL014	10200	113.3	10090	112.1	9585	106.5	10045	111.6	90
24L30T_-MDL014	9725	108.1	9620	106.9	9140	101.6	9575	106.4	90
24L27T_-MDL014	8795	97.7	8700	96.7	8265	91.8	8660	96.2	90
16L40T_-MDL018	8610	107.6	8810	110.1	8090	101.1	8730	109.1	80
16L30T_-MDL018	8210	102.6	8400	105.0	7715	96.4	8325	104.1	80
16L27T_-MDL018	7420	92.8	7595	94.9	6975	87.2	7525	94.1	80
12L40T_-MDL018	6445	107.4	6605	110.1	6160	102.7	6435	107.3	60
12L30T_-MDL018	6145	102.4	6300	105.0	5875	97.9	6135	102.3	60
12L27T_-MDL018	5555	92.6	5695	94.9	5310	88.5	5545	92.4	60
12L40T_-MDL014	5265	114.5	5415	117.7	5045	109.7	5285	114.9	46
12L30T_-MDL014	5020	109.1	5165	112.3	4810	104.6	5040	109.6	46
12L27T_-MDL014	4540	98.7	4670	101.5	4350	94.6	4555	99.0	46
12L40T_-MDL008	3195	118.3	3295	122.0	3065	113.5	3215	119.1	27
12L30T_-MDL008	3045	112.8	3140	116.3	2920	108.1	3065	113.5	27
12L27T_-MDL008	2755	102.0	2840	105.2	2640	97.8	2770	102.6	27