



1521LED OMEGA SERIES

LED

EPA
.72 (ft²)
WEIGHT
27 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
8,945 to
2,220

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-4ARC45T5-MDH03-SV2-HSHB/CA4/4212P4/UBKT**

Mounting Config.	Fixture	Shade Edge	LED	CCT	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 • SH44¹
- 1A • 3A • 1AM • CH44¹
- 2A • 3A90 • 2AM • CAT

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

¹Include stem/chain length in inches after designation (IE: CH44-36")

Fixture

- 1521LED • 1521LEDSM

Shade Edge

- R (Round Edge) • F (Flared Edge)

LED

- 6ARC • 4ARC • 3ARC • 2ARC

CCT - Color Temperature (K)

- 45(OO) • 35(OO) • 27(OO)

Type

- T2 • T3 • T3R • T4 • T5

Driver

- MDL03 (120v-277v, 350Ma)
- MDH03 (347v-480v, 350Ma)

Lens

- FG (Flat Glass)
- SG (Sag Glass)
- FSG (Frosted Sag Glass)
- SV1 (Flat Soft Vue Medium Acrylic Lens)
- SV2 (Flat Soft Vue Heavy Acrylic Lens)

Options (Click here to view accessories sheet)

- R² Pin control receptacle only
- R⁵ 5-Pin control receptacle only
- R⁷ 7-Pin control receptacle only
- PE³ Twist-Lock Photocontrol (120v-277v)
- PE³ Twist-Lock Photocontrol (347v)
- PE⁴ Twist-Lock Photocontrol (480v)
- SC³ Shorting Cap
- PEC Electronic Button Photocontrol (120v-277v)
- PEC⁴ Electronic Button Photocontrol (480v)
- FHD⁴ Double Fuse and Holder

- HSHS⁵ Standard Horizontal Hangstraight, Spike Finial
- HSHN⁵ Standard Horizontal Hangstraight, No Finial
- HSHB⁵ Standard Horizontal Hangstraight, Ball Finial
- EZ⁵ Vertical Hangstraight, Large, "EZ" Mount
- HSV⁵ Vertical Hangstraight, Standard
- TB Terminal Block
- HSS 120° House Side Shield

² Only available with HSH_L & SM.

³ Requires control receptacle.

⁴ Ships loose for installation in base.

⁵ Not for use with 1531LEDSM.

Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- CA • CSA • FFA • CAS
- DAG • R2⁶ • RA

⁶ 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 Finishes⁶

- CM Custom Match

⁶ 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 of 1 to 3 mils. 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. They shall operate in a -40°C (-40°F) to +50°C (122°F) ambient air temperature range. 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 4500K (3500K or 2700K 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 individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page

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 as well as 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 dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection which reduces output to less than half rating if the case temperature reaches 85°C.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

Photocontrols

Button Style: On a single assembly the photo-control shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted in the pole shaft on an access plate. 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.

Twist-Lock Style: The photocontrol shall be mounted externally on the fixture 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.

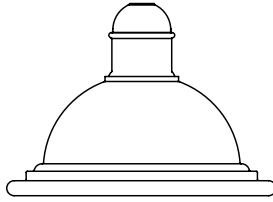
Warranty

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

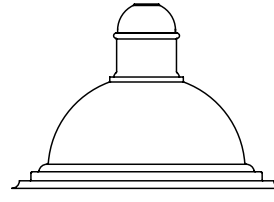
Finish

Refer to website for details.

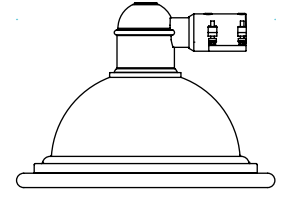
Fixtures



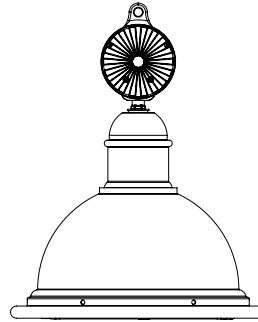
1521LED-R
21"W x 17-1/8"H



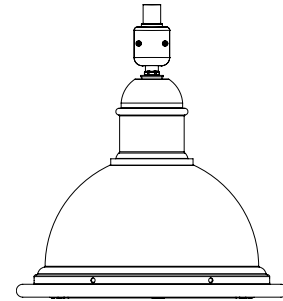
1521LED-F
21"W x 17"H



1521LEDSM-R
21-1/2"W x 17"H



CAT-1521LED-R
21"W x 17-1/8"H



1521LED-EZ
21"W x 17-1/8"H

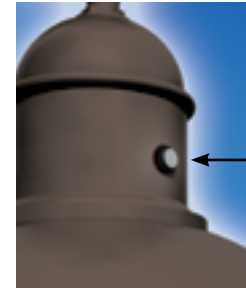
Options

R-PE



Twist-lock receptacle with photocell

PEC



Electronic button photocell

FHD
Fuse holder



1521LED OMEGA SERIES

LED

Performance (Based on FG Lens)

MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTS
6ARC27T	6975	74.2	6480	68.9	6760	71.9	6640	70.6	6730	71.6	94
6ARC35T	7960	84.7	7390	78.6	7715	82.1	7575	80.6	7680	81.7	94
6ARC45T	8945	95.2	8305	88.4	8665	92.2	8510	90.5	8630	91.8	94
4ARC27T	4640	72.5	4315	67.4	4525	70.7	4465	69.8	4560	71.3	64
4ARC35T	5295	82.7	4925	77.0	5165	80.7	5095	79.6	5200	81.3	64
4ARC45T	5950	93.0	5530	86.4	5800	90.6	5725	89.5	5845	91.3	64
3ARC27T	3645	74.4	3425	69.9	3615	73.8	3590	73.3	3515	71.7	49
3ARC35T	4160	84.9	3910	79.8	4125	84.2	4095	83.6	4010	81.8	49
3ARC45T	4675	95.4	4395	89.7	4635	94.6	4600	93.9	4505	91.9	49
2ARC27T	2445	71.9	2220	65.3	2410	70.9	2415	71.0	2400	70.6	34
2ARC35T	2790	82.1	2535	74.6	2750	80.9	2755	81.0	2740	80.6	34
2ARC45T	3135	92.2	2845	83.7	3090	90.9	3095	91.0	3080	90.6	34