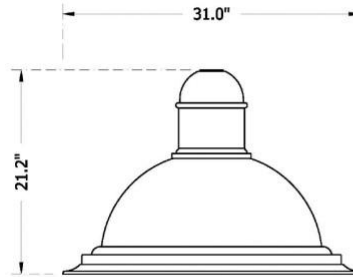
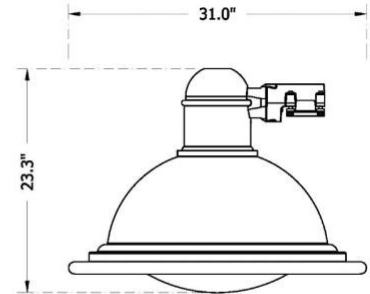


Project Name \_\_\_\_\_ Qty \_\_\_\_\_

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

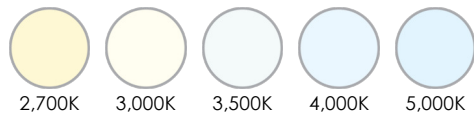


1531LED-F-FG



1531LEDSM-R-SG

**CCT - Color Temperature (K)**



**7 Year Warranty**



**IP Rating**



**Certifications**



**Description**

The 1531LED Omega™ is a decorative and energy efficient downlight fixtures with a spun aluminum bell styled dome. The luminaire has a gasketed hinged door for tool-less driver and LED access. Offered in a variety of mounting configurations, wattages, CCT's and distribution types makes this product the premier option for any Urban, Roadway or Area-Light application.

**EPA: 1.16 (ft²)**  
**WEIGHT: 50 LBS**

**Features**

<b>Mounting Configuration</b>	<b>1W:</b> Wall Mount	<b>1A:</b> 1 Arm Mount
	<b>2A:</b> 2 Arm Mount @ 180°	<b>2A90:</b> 2 Arm Mount @ 90°
	<b>3A:</b> 3 Arms @ 120°	<b>3A90:</b> 3 Arms @ 90°
	<b>4A:</b> 4 Arms @ 90°	<b>1AM:</b> 1 Arm Mid-Mount
	<b>2AM:</b> 2 Arm Mid-Mount @ 180	<b>SH44:</b> SH44 Stem Hung
	<b>CH44:</b> Chain Hung	<b>CAT:</b> CAT Catenary

**Optional Control Receptacle**      **R7:** 7-Pin control receptacle only

**Optional Control**

- PE:** Twist-Lock Photocontrol (120V-277V)
- PE4:** Twist-Lock Photocontrol (347V-480V)
- SC:** Shorting Cap
- PEC:** Electronic Button Photocontrol (120V-277V)
- PEC4:** Electronic Button Photocontrol (480V)

**Optional Fuse**      **FHD:** Double Fuse and Holder

**Optional Hangstraight**

- HS:** Standard Horizontal Hangstraight, Spike Finial
- HSN:** Standard Horizontal Hangstraight, No Finial
- HSB:** Standard Horizontal Hangstraight, Ball Finial
- HSCB:** Clamp Style Horizontal Hangstraight, Ball Finial
- HSCS:** Clamp Style Horizontal Hangstraight, Spike Finial
- HSCN:** Clamp Style Horizontal Hangstraight, No Finial
- EZ:** Vertical Hangstraight, Large, "EZ" Mount

<b>Optional House Side Shield</b>	<b>HSS:</b> 120° House Side Shield <b>BLOC:</b> Back Light Optical Control
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<b>Optional Fixed Dimming Resistor Board</b>	<b>FDRB:</b> Fixed Dimming Resistor Board
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**Physical**

<b>Fixture</b>	<b>1531LED:</b> 1531 LED <b>1531LEDSM:</b> 1531 LEDSM
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<b>Shade Style</b>	<b>R:</b> Round Edge	<b>F:</b> Flared Edge
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<b>Lens</b>	<b>FG:</b> Flat Glass <b>SG:</b> Sag Glass <b>FSG:</b> Frosted Sag Glass <b>SV1:</b> Flat Soft Vue Light Diffused Acrylic <b>SV2:</b> Flat Soft Vue Moderate Diffused Acrylic <b>SV4:</b> Flat Soft Vue Maximum Diffused Acrylic
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<b>Finish</b>	<b>UGMT:</b> Urban Gun Metal Textured <b>UB:</b> Urban Bronze Matte <b>USL:</b> Urban Silver Matte <b>UWH:</b> Urban White Matte <b>CM:</b> Custom Match  <b>DBT:</b> Dark Bronze Textured  <b>PGT:</b> Park Green Textured <b>VG:</b> Verde Green	<b>UGM:</b> Urban Gun Metal Matte <b>UBT:</b> Urban Bronze Textured <b>USLT:</b> Urban Silver Textured <b>UWHT:</b> Urban White Textured <b>BKT:</b> Black Textured <b>ABZT:</b> Architectural Medium Bronze Textured  <b>OWGT:</b> Old World Gray Textured  <b>SI:</b> Swedish Iron <b>WHT:</b> White Textured
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**Light Source**

<b>LED</b>	<b>24L:</b> 24 LEDs <b>40L:</b> 40 LEDs	<b>32L:</b> 32 LEDs
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<b>CCT - Color Temperature (K)</b>	<b>27:</b> 2,700K <b>35:</b> 3,500K <b>50:</b> 5,000K	<b>30:</b> 3,000K <b>40:</b> 4,000K
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<b>Distribution Type</b>	<b>T2:</b> Type 2 <b>T4:</b> Type 4	<b>T3:</b> Type 3 <b>T5:</b> Type 5
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**Electrical and control**

<b>Driver</b>	<b>MDL014:</b> 120V-277V, 140mA <b>MDL016:</b> 120V-277V, 160mA <b>MDL018:</b> 120V-277V, 180mA	<b>MDH014:</b> 347V-480V, 140mA <b>MDH016:</b> 347V-480V, 160mA <b>MDH018:</b> 347V-480V, 180mA
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**Specifications**

<b>Serviceability</b>	Tool-less access to the driver compartment allows for trouble free servicing of the LED Driver and Surge Suppressor. Easy access to service the lens in the field.
<b>Comfortable Optics</b>	SoftVue™ lens provides optimal visual comfort
<b>DLC Listed</b>	Some product combinations are listing with the DesignLights Consortium (DLC). Consult the factory or the DLC website for specific listings.
<b>UL Listing</b>	UL listed per UL1598 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>IP Rating</b>	IP65 rated
<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>Traditional Finishes</b>	Traditional paint finishes are available in Sternberg Lighting's Traditional product line. A range of colors help accent the decorative elements on the product. Finishes are available in textured or smooth.
<b>Sternberg Select Finishes</b>	Available with Sternberg Select Finishes in Verde Green, Swedish Iron, and Old World Gray Textured for a traditional aesthetic.
<b>Warranty</b>	7-year limited warranty (See Website for Terms and Conditions.)
<b>LEDs</b>	The luminaire shall use high output, high brightness LEDs. 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.

**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. See pole spec sheet for pole mounted version.

**Twist-Lock Style (Hangstraight Mount):** The photocontrol shall be mounted externally on the hangstraight 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.

**Twist-Lock Style (Roof Mount):** The photocontrol shall be mounted on the roof and prewired 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 turnoff at 2-3 footcandles. Photocontrol is 120-277 volt.

**Lumen Chart(s)**

Tested with FG 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
40L40T_-MDL016	21365	B3U0G3	121.4	20510	B3U0G3	116.5	20040	B3U0G3	113.9	21565	B4U0G2	122.5	176
40L30T_-MDL016	20370	B3U0G3	115.7	19555	B3U0G3	111.1	19105	B3U0G3	108.6	20560	B4U0G2	116.8	176
40L27T_-MDL016	18420	B3U0G3	104.7	17680	B3U0G3	100.5	17275	B3U0G3	98.2	18590	B4U0G2	105.6	176
32L40T_-MDL018	18485	B3U0G3	120.0	17700	B3U0G3	114.9	17410	B3U0G3	113.1	18640	B4U0G2	121.0	154
32L30T_-MDL018	17625	B3U0G3	114.4	16875	B3U0G3	109.6	16600	B3U0G3	107.8	17770	B4U0G2	115.4	154
32L27T_-MDL018	15935	B2U0G2	103.5	15260	B3U0G3	99.1	15010	B2U0G2	97.5	16070	B3U0G2	104.4	154
32L40T_-MDL014	15190	B2U0G2	128.7	14640	B3U0G3	124.1	14310	B2U0G2	121.3	15405	B3U0G2	130.6	118
32L30T_-MDL014	14485	B2U0G2	122.8	13960	B3U0G3	118.3	13645	B2U0G2	115.6	14690	B3U0G2	124.5	118
32L27T_-MDL014	13095	B2U0G2	111.0	12620	B3U0G3	106.9	12335	B2U0G2	104.5	13280	B3U0G2	112.5	118
24L40T_-MDL018	14205	B2U0G2	121.4	13550	B3U0G3	115.8	13325	B2U0G2	113.9	14245	B3U0G2	121.8	117
24L30T_-MDL018	13545	B2U0G2	115.8	12920	B3U0G3	110.4	12705	B2U0G2	108.6	13580	B3U0G2	116.1	117
24L27T_-MDL018	12245	B2U0G2	104.7	11680	B2U0G2	99.8	11485	B2U0G2	98.2	12280	B3U0G2	105.0	117
24L40T_-MDL014	11350	B2U0G2	129.0	10900	B2U0G2	123.9	10650	B2U0G2	121.0	11445	B3U0G2	130.1	88
24L30T_-MDL014	10820	B2U0G2	123.0	10395	B2U0G2	118.1	10155	B2U0G2	115.4	10910	B3U0G2	124.0	88
24L27T_-MDL014	9785	B2U0G2	111.2	9395	B2U0G2	106.8	9180	B2U0G2	104.3	9865	B3U0G2	112.1	88

**Clamp Style Horizontal Hangstraight**

To slip fit 8" long by 2-3/8" OD on horizontal tenon



Clamp Style Horizontal Hangstraight, Spike Finial (HSCS)



Clamp Style Horizontal Hangstraight, Ball Finial (HSCB)



Clamp Style Horizontal Hangstraight, No Finial (HSCN)

### Standard Horizontal Hangstraight

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To slip fit 4" long by 2-3/8" OD on horizontal tenon



Standard Horizontal Hangstraight, Spike Finial  
(HSHS)



Standard Horizontal Hangstraight, Ball Finial (HSHB)



Standard Horizontal Hangstraight, No Finial (HSHN)

### Vertical Hangstraight

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"EZ" Vertical hangstraight (EZ)

Options

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Button Photocell (PEC or PEC4)



7-Pin NEMA Twist-Lock Receptacle (R7)



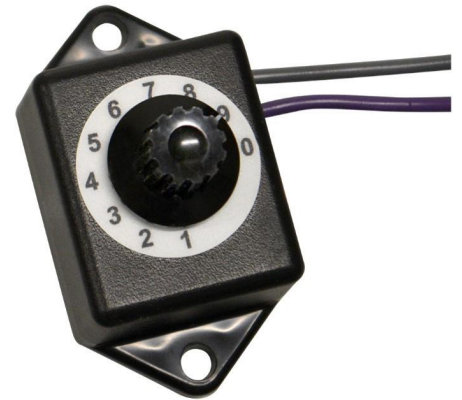
NEMA Twist-Lock Photocell (PE or PE4)



Double Fuse Holder & (2) 3A Fuses (FHD)



House Side Shield (HSS)



Fixed Dimming Resistor Board (FDRB)

How to order

Mounting Configuration	Drop Length (In Inches)	Fixture	Shade Style	LED	CCT - Color Temperature (K)
<b>1W</b> Wall Mount		<b>1531LED</b> 1531LED	<b>R</b> Round Edge	<b>24L</b> 24 LEDs	<b>27</b> 2,700K
<b>1A</b> 1 Arm Mount		<b>1531LEDSM</b> 1531LEDSM	<b>F</b> Flared Edge	<b>32L</b> 32 LEDs	<b>30</b> 3,000K
<b>2A</b> 2 Arm Mount @ 180°				<b>40L</b> 40 LEDs	<b>35</b> 3,500K
<b>2A90</b> 2 Arm Mount @ 90°					<b>40</b> 4,000K
<b>3A</b> 3 Arms @ 120°					<b>50</b> 5,000K
<b>3A90</b> 3 Arms @ 90°					
<b>4A</b> 4 Arms @ 90°					
<b>1AM</b> 1 Arm Mid-Mount					
<b>2AM</b> 2 Arm Mid-Mount @ 180					
<b>SH44</b> SH44 Stem Hung					
<b>CH44</b> Chain Hung					
<b>CAT</b> CAT Catenary					

How to order

Distribution Type	Driver	Lens	Optional Control Receptacle <sup>(3)</sup>	Optional Control	Optional Fuse
<b>T2</b> Type 2	<b>MDL014</b> 120V-277V, 140mA <sup>(1)</sup>	<b>FG</b> Flat Glass	<b>R7</b> 7-Pin control receptacle only <sup>(4)</sup>	<b>PE</b> Twist-Lock Photocontrol (120V-277V) <sup>(5)</sup>  <b>PE4</b> Twist-Lock Photocontrol (347V-480V) <sup>(5)</sup>  <b>SC</b> Shorting Cap <sup>(5)</sup>  <b>PEC</b> Electronic Button Photocontrol (120V-277V)  <b>PEC4</b> Electronic Button Photocontrol (480V)	<b>FHD</b> Double Fuse and Holder <sup>(6)</sup>
<b>T3</b> Type 3	<b>MDH014</b> 347V-480V, 140mA <sup>(1)</sup>	<b>SG</b> Sag Glass			
<b>T4</b> Type 4	<b>MDL016</b> 120V-277V, 160mA <sup>(2)</sup>	<b>FSG</b> Frosted Sag Glass			
<b>T5</b> Type 5	<b>MDH016</b> 347V-480V, 160mA <sup>(2)</sup>	<b>SV1</b> Flat Soft Vue Light Diffused Acrylic			
	<b>MDL018</b> 120V-277V, 180mA <sup>(1)</sup>	<b>SV2</b> Flat Soft Vue Moderate Diffused Acrylic			
	<b>MDH018</b> 347V-480V, 180mA <sup>(1)</sup>	<b>SV4</b> Flat Soft Vue Maximum Diffused Acrylic			

Notes:

- 1. 32L or 24L system only.
- 2. 40L system only.
- 3. Not for use with FDRB.

- 4. Only available with HSH\_, HSC\_, & SM.
- 5. Requires control receptacle.
- 6. Ships loose for installation in base.



**How to order**

Optional Hangstraight	Optional House Side Shield <sup>(8)</sup>	Optional Fixed Dimming Resistor Board <sup>(9)</sup>	Finish
<p><b>HSHS</b> Standard Horizontal Hangstraight, Spike Finial <sup>(7)</sup></p> <p><b>HSHN</b> Standard Horizontal Hangstraight, No Finial <sup>(7)</sup></p> <p><b>HSHB</b> Standard Horizontal Hangstraight, Ball Finial <sup>(7)</sup></p> <p><b>HSCB</b> Clamp Style Horizontal Hangstraight, Ball Finial <sup>(7)</sup></p> <p><b>HSCS</b> Clamp Style Horizontal Hangstraight, Spike Finial <sup>(7)</sup></p> <p><b>HSCN</b> Clamp Style Horizontal Hangstraight, No Finial <sup>(7)</sup></p> <p><b>EZ</b> Vertical Hangstraight, Large, "EZ" Mount <sup>(7)</sup></p>	<p><b>HSS</b> 120° House Side Shield</p> <p><b>BLOC</b> Back Light Optical Control</p>	<p><b>FDRB</b> Fixed Dimming Resistor Board</p>	<p><b>UGMT</b> Urban Gun Metal Textured</p> <p><b>UGM</b> Urban Gun Metal Matte</p> <p><b>UBT</b> Urban Bronze Textured</p> <p><b>UB</b> Urban Bronze Matte</p> <p><b>USLT</b> Urban Silver Textured</p> <p><b>USL</b> Urban Silver Matte</p> <p><b>UWHT</b> Urban White Textured</p> <p><b>UWH</b> Urban White Matte</p> <p><b>BKT</b> Black Textured</p> <p><b>CM</b> Custom Match <sup>(10)</sup></p> <p><b>ABZT</b> Architectural Medium Bronze Textured</p> <p><b>DBT</b> Dark Bronze Textured</p> <p><b>OWGT</b> Old World Gray Textured</p> <p><b>PGT</b> Park Green Textured</p> <p><b>SI</b> Swedish Iron</p> <p><b>VG</b> Verde Green</p> <p><b>WHT</b> White Textured</p>

**Notes:**

7. Not for use with 1531LED5M.  
8. Not for use with T5 optic.

9. Not for use with R7.  
10. Custom colors require upcharge.