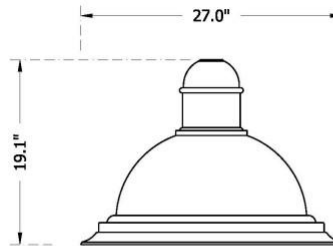
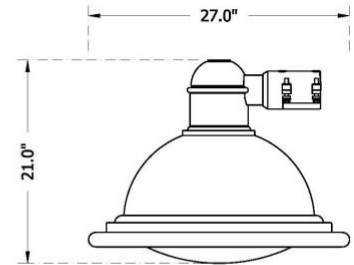


Project Name _____ Qty _____

Type _____ Catalog / Part Number _____



1527LED-F-FG



1527LEDSM-R-SG

CCT - Color Temp (K)



7 Year Warranty



IP Rating



Certifications



Description

The 1527LED 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: .93 (ft²) | WEIGHT: 38 LBS

Features

Mounting Configuration	1W: Wall Mount	1A: 1 Arm Mount
	2A: 2 Arm Mount @ 180°	2A90: 2 Arm Mount @ 90°
	3A: 3 Arms @ 120°	3A90: 3 Arms @ 90°
	4A: 4 Arms @ 90°	1AM: 1 Arm Mid-Mount
	2AM: 2 Arm Mid-Mount @180°	SH44: Stem Hung
	CH44: Chain Hung	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
HSNS: Standard Horizontal Hangstraight, Spike Finial
HSNN: Standard Horizontal Hangstraight, No Finial
HSNB: 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

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	1527LED: 1527LED 1527LEDSM: 1527LEDSM	
Shade Style	R: Round Edge	F: Flared Edge
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	
Finish	UGMT: Urban Gun Metal Textured UB: Urban Bronze Matte USL: Urban Silver Matte UWH: Urban White Matte CM: Custom Match DBT: Dark Bronze Textured PGT: Park Green Textured VG: Verde Green	UGM: Urban Gun Metal Matte UBT: Urban Bronze Textured USLT: Urban Silver Textured UWHT: Urban White Textured BKT: Black Textured ABZT: Architectural Medium Bronze Textured OWGT: Old World Gray Textured SI: Swedish Iron WHT: White Textured

Light Source

LED	12L: 12 LEDs 32L: 32 LEDs	24L: 24 LEDs
CCT - Color Temp (K)	27: 2,700K 35: 3,500K 50: 5,000K	30: 3,000K 40: 4,000K
Distribution Type	T2: Type 2 T3: Type 3 T4: Type 4 T5: Type 5	

Electrical and control

Driver	MDL018: 120V-277V, 180mA MDL014: 120V-277V, 140mA	MDH018: 347V-480V, 180mA MDH014: 347V-480V, 140mA
---------------	--	--

Specifications

Serviceability	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.
Comfortable Optics	SoftVue™ lens provides optimal visual comfort
DLC Listed	Not all product variations listed on this page are DLC qualified. Visit https://qpl.designlights.org to confirm qualification, or consult factory.
UL Listing	UL listed per UL1598 for Wet Locations and CSA 22.2 No. 250.0 for the US and Canada.

Electronic Driver	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.
NightSky® Friendly	Dark sky compliant optics with a U0 BUG rating for specific configurations.
IP Rating	IP65 rated
Finish	6 Stage Polyester Powdercoat paint system.
Urban Finish	Urban paint finishes are available in Sternberg Lighting's Urbanline products and create a modern, elegant aesthetic. Finishes are available in textured or matte.
Traditional Finishes	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.
Sternberg Select Finishes	Available with Sternberg Select Finishes in Verde Green, Swedish Iron, and Old World Gray Textured for a traditional aesthetic.
Warranty	7-year limited warranty (See Website for Terms and Conditions.)
LEDs	<p>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).</p> <p>CCT Lumen Derate Values from 4,000K</p> <p>2,700K (70+ CRI)=.92 3,000K (70+ CRI)=.95 3,500K (70+ CRI)=.97 5,000K (70+ CRI)=1.00</p>
Optics	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.
Backlight Optical Control	<p>BLOC Optic (BLOC): 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.</p> <p>External House Side Shield (HSS): An optional external 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.</p>
FDRB	Optional 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	<p>Button Photocell: 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.</p> <p>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.</p> <p>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.</p>

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
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
12L40T_-MDL018	7050	B1U0G1	117.5	6785	B2U0G2	113.1	6545	B1U0G2	109.1	7100	B3U0G1	118.3	60
12L30T_-MDL018	6720	B1U0G1	112.0	6470	B2U0G2	107.8	6240	B1U0G2	104.0	6770	B3U0G1	112.8	60
12L27T_-MDL018	6080	B1U0G1	101.3	5850	B2U0G2	97.5	5640	B1U0G2	94.0	6120	B3U0G1	102.0	60

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

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



"EZ" Vertical hangstraight (EZ)

Options



Button Photocell (PEC or PEC4)



7-Pin NEMA Twist-Lock Receptacle (R7)



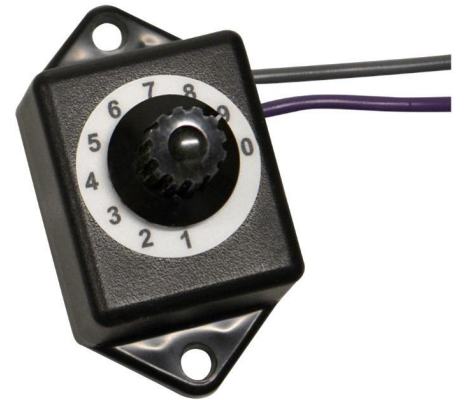
NEMA Twist-Lock Photocell (PE or PE4)



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



House Side Shield (HSS)



Fixed Dimming Resistor Board (FDRB)

How to Order

Mounting Configuration	Overall Drop Length (In Inches) (1)	Fixture	Shade Style	LED	CCT - Color Temp (K)
1W Wall Mount 1A 1 Arm Mount 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 3A 3 Arms @ 120° 3A90 3 Arms @ 90° 4A 4 Arms @ 90° 1AM 1 Arm Mid-Mount 2AM 2 Arm Mid-Mount @180° SH44 Stem Hung CH44 Chain Hung CAT Catenary		1527LED 1527LED 1527LEDSM 1527LEDSM	R Round Edge F Flared Edge	12L 12 LEDs 24L 24 LEDs 32L 32 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K

Notes:

1. Required field for Stem or Chain Mounting Configuration.

How to Order

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

Notes:

- 2. 32L or 24L system only.
- 3. Not for use with FDRB.
- 4. Only available with HSH_, HSC_, & SM.

- 5. Consult factory for use with a wireless control node
- 6. Requires control receptacle.

How to Order

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

Notes:

7. Not for use with 1527LEDSM.
8. Not for use with T5 optic.

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