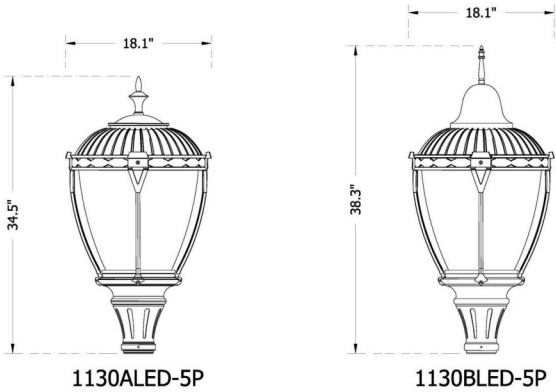


Project Name _____

Qty _____

Type _____

Catalog / Part Number _____



Certifications



Mounting Configuration



Wall
Mount



Post Top



1 Arm
Mount



1 Arm &
Post Top



2 Arm
Mount @
180°



2 Arm
Mount @
90°



2Arm
@180 &
Post Top



3 Arms @
120°



3 Arms @
90°



3Arm
@120 &
Post Top



4 Arms @
90°



4Arm @90
& Post
Top



1Arm
MidMount



2Arm
MidMount
@180



Pier Base

Description

The 1130_LED Ripon series luminaire shall feature a fully cast aluminum decorative cage surrounding the acorn. The cage shall consist of 16 Victorian panels on the ring and 4 slender "Y" shaped supports. The luminaire shall be appointed with a cast aluminum roof, decorative torch finial and offered with 2 distinctive roof styles.

EPA: 1.28 (ft²) | WEIGHT: 42 LBS

Features

Mounting Configuration

- 1W:** Wall Mount

1A: 1 Arm Mount

2A: 2 Arm Mount @ 180°

2APT: 2Arm @180 & Post Top

3A90: 3 Arms @ 90°

4A: 4 Arms @ 90°

1AM: 1 Arm MidMount

450PB: Pier Base
- PT:** Post Top

1APT: 1 Arm & Post Top

2A90: 2 Arm Mount @ 90°

3A: 3 Arms @ 120°

3APT: 3Arm @120 & Post Top

4APT: 4Arm @90 & Post Top

2AM: 2Arm MidMount @180

Fixture

- 1130ALED:** Ripon, Short Roof
- 1130BLED:** Ripon, Tall Roof

Fitter

- 5P:** Slip fit 3" OD x 3" tall tenon/pole
- 990:** Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
- 991:** Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
- 992:** Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
- 993:** Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole
- 994:** Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole
- 995:** Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole
- BD4:** Slip fit 4" OD x 5" tall tenon/pole
- BD5:** Slip fit 5" OD x 6" tall tenon/pole
- BD7:** Slip fit 7" OD x 1" tall tenon/pole
- OL3:** Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole
- OL4:** Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole
- C2097:** Low-Profile, Slip fit 7" OD x 1" tall tenon/pole

Technologies



Smart
Cities /
Intellistreets®



Solar

Finish



Black
Textured



White
Textured



Park
Green
Textured



Arch Med
Bronze
Tex



Dark
Bronze
Textured



Verde
Green



Swedish
Iron



Old World
Gray Tex



Old Iron



Rust



Weathered
Brown



Cedar



Weathered
Black



Two Tone



Custom
Match

CCT - Color Temp (K)



2,700K



3,000K



3,500K



4,000K



5,000K

Distribution Type



Type 2



Type 3



Type 4



Type 5

Lens	A: Clear Textured Acrylic Acorn P: Clear Textured Poly Acorn	
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 Receptacle	GFI: 120V, 15A Duplex GFI for Utility Fitter	
Optional Terminal Block	TB: Terminal Block	
Optional House Side Shield	BLOC: Back Light Optical Control	
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board	
Finish	BKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Med Bronze Tex DBT: Dark Bronze Textured VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Tex OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone CM: Custom Match	

Light Source

LED	12L: 12 LEDs 16L: 16 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 T4: Type 4	T3: Type 3 T5: Type 5
Driver	MDL018: 120V-277V, 180mA MDH018: 347V-480V, 180mA MDL014: 120V-277V, 140mA MDH014: 347V-480V, 140mA MDL008: 120V-277V, 80mA MDH008: 347V-480V, 80mA MDS48V: DC Solar, 48V	

How to Order

Mounting Configuration (1)	Fixture	Fitter	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount (2) PT Post Top 1A 1 Arm Mount 1APT 1 Arm & Post Top 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 2APT 2Arm @180 & Post Top 3A 3 Arms @ 120° (3) 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top (3) 4A 4 Arms @ 90° 4APT 4Arm @90 & Post Top 1AM 1Arm MidMount 2AM 2Arm MidMount @180 450PB Pier Base (4)	1130ALED Ripon, Short Roof 1130BLED Ripon, Tall Roof	5P 3" OD x 3" tall tenon 990 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 991 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 992 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 993 Utility-Fitter, Slip fit 3" OD x 3" tall tenon/pole 994 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole 995 Utility-Fitter, Slip fit 4" OD x 3" tall tenon/pole BD4 Slip fit 4" OD x 5" tall tenon/pole BD5 Slip fit 5" OD x 6" tall tenon/pole BD7 Slip fit 7" OD x 1" tall tenon/pole OL3 Oak-Leaf, Slip fit 3" OD x 3" tall tenon/pole OL4 Oak-Leaf, Slip fit 4" OD x 3" tall tenon/pole C2097 Low-Profile, Slip fit 7" OD x 1" tall tenon/pole (5)	12L 12 LEDs 16L 16 LEDs 24L 24 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 50 5,000K	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL018 120V-277V, 180mA (6) MDH018 347V-480V, 180mA (6) MDL014 120V-277V, 140mA MDH014 347V-480V, 140mA MDL008 120V-277V, 80mA (7) MDH008 347V-480V, 80mA (7) MDS48V DC Solar, 48V (8) (9)	A Clear Textured Acrylic Acorn P Clear Textured Poly Acorn

Notes:

1. Use 3" fitter for arm applications.

2. For use with 3" fitters only.

3. Only available with a round profile pole.

4. For use with (5P) fitter only.

5. Not for use with button photocell
6. 24L system only.

7. 12L system only.

8. Not for use with R7, PEC and FDRB options.

9. Only available in 3,000K and 4,000K CCT.

How to Order

Optional Control Receptacle ⁽¹⁰⁾ ⁽¹¹⁾ ⁽¹²⁾	Optional Control	Optional Fuse ⁽¹⁴⁾	Optional Receptacle ⁽¹¹⁾ ⁽¹⁷⁾	Optional Terminal Block ⁽¹¹⁾	Optional House Side Shield ⁽¹⁸⁾	Optional Fixed Dimming Resistor Board ⁽¹⁴⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽¹³⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹³⁾ SC Shorting Cap ⁽¹³⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽¹⁴⁾ ⁽¹⁵⁾ PEC4 Electronic Button Photocontrol (480V) ⁽¹⁴⁾ ⁽¹⁵⁾	FHD Double Fuse and Holder	GFI 120V, 15A Duplex GFI for Utility Fitter	TB Terminal Block	BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹⁹⁾ WHT White Textured ⁽¹⁹⁾ PGT Park Green Textured ⁽¹⁹⁾ ABZT Arch Med Bronze Tex ⁽¹⁹⁾ DBT Dark Bronze Textured ⁽¹⁹⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron ⁽²⁰⁾ RT Rust ⁽²⁰⁾ WBR Weathered Brown ⁽²⁰⁾ CD Cedar ⁽²⁰⁾ WBK Weathered Black ⁽²⁰⁾ TT Two Tone ⁽²⁰⁾ CM Custom Match ⁽²⁰⁾

Notes:

10. Not for use with FDRB.

11. For 900 series utility fitter only.

12. For use with standard 3-Pin photocells only, not for use with a wireless network controller.

13. Requires control receptacle.

14. Not for use with R7.

15. Not for use with C2097 fitter.
16. Ships loose for installation in base.

17. For use with MDLxx driver only.

18. Not for use with TS optic.

19. Smooth finishes are available upon request.

20. Custom colors require upcharge.

Specifications

Available with Intellistreets® Technology	Intellistreets® is an integrated set of solutions offering the capability to see, hear, and record what's happening on your streets, through both cameras and audio sensors.
Fitter	The sand cast fitter is a heavy wall, low-copper aluminum 356 alloy for enhanced corrosion resistance and high tensile strength. It will have an 8-1/2" inside diameter opening to attach to the 8" neck of the lens. It includes 4 stainless steel Allen-head set screws for attachment. The fitter will include a one-piece ring bug gasket to resist insect penetration. Utility Fitter: The die-cast fitter shall be heavy wall, low-copper 360 aluminum alloy for enhanced corrosion resistance and high tensile strength. It shall have a hinged, tool-less entry door that provides open access to all components. The 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate will provide tool-less removal from the housing using 2 finger latches. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly. When supplied with GFCI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.
Solar Power System	Luminaire available for integration with solar platforms (controller, panel, and batteries by others) with a 48VDC (MDS48V) board configuration. Offered in 3,000K or 4,000K CCT Max drive current (mA) is based on the number of LEDs: 12L = 720mA 16L = 960mA 24L = 1,680mA Consult solar platform manufacturer to confirm compatibility with the voltages and system currents above.
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
Lens	Clear textured acorn offered in impact resistant DR acrylic or UV stabilized polycarbonate material. An injection molding process adds a textured surface for glare mitigation.
Serviceability	Tool-less access to the driver compartment after the acorn is removed allows for trouble free servicing of the LED Driver and Surge Suppressor.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
IP Rating	IP65 rated luminaire for enhanced protection against dust and water intrusion.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Traditional Finish	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. Available finishes include: Black, White, Park Green, Architectural Medium Bronze and Dark Bronze
Sternberg Select Finish	The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications. Old World Gray Textured is a 1 part powder coat with metallic flakes. Verde Green and Swedish Iron is a 2 part finish that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time.

Custom Finish	Custom finishes are offered to adapt to any application. Rust, Weathered Brown and Cedar are special 1 part powder coat finishes with a distinctive look. Old Iron and Weathered Black are 2 part finishes that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time. Two-Tone and Custom Match options are available to blend Sternberg product with the site, consult factory for more information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The LEDs in this system will be fully shielded in a direct 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). CCT Lumen Derate Values from 4,000K 2,700K (70+ CRI)=.92 3,000K (70+ CRI)=.95 3,500K (70+ CRI)=1.03 5,000K (70+ CRI)=1.00
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	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. Internal House Side Shield (HSS): An optional INTERNAL 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.
Photocontrols	Button Photocell: The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version. Twist-Lock Style (Utility Fitter): The photocontrol shall be mounted in the utility fitter and prewired to driver. Utility fitter includes acrylic window to read ambient light levels. 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 and warranted for 6 years. For use with standard photocells only, not for use with a wireless network controller.

Lumen Chart(s)

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
24L40T_-MDL018	11285	B3U3G3	94.0	11330	B3U3G3	94.4	11555	B3U3G3	96.3	11950	B3U3G3	99.6	120
24L30T_-MDL018	10760	B3U3G3	89.7	10805	B3U3G3	90.0	11015	B3U3G3	91.8	11395	B3U3G3	95.0	120
24L27T_-MDL018	9730	B3U3G3	81.1	9765	B3U3G3	81.4	9960	B3U3G3	83.0	10300	B3U3G3	85.8	120
24L40T_-MDL014	9285	B3U3G3	103.2	9230	B3U3G3	102.6	9420	B2U3G3	104.7	9765	B3U3G3	108.5	90
24L30T_-MDL014	8855	B3U3G3	98.4	8800	B3U3G3	97.8	8980	B2U3G3	99.8	9310	B3U3G3	103.4	90
24L27T_-MDL014	8005	B3U3G3	88.9	7955	B3U3G3	88.4	8120	B2U3G3	90.2	8420	B3U3G3	93.6	90
16L40T_-MDL014	6280	B2U3G2	103.0	6255	B2U3G2	102.5	6380	B2U3G2	104.6	6565	B3U3G2	107.6	61
16L30T_-MDL014	5990	B2U3G2	98.2	5965	B2U3G2	97.8	6085	B2U3G2	99.8	6260	B3U3G2	102.6	61
16L27T_-MDL014	5415	B2U3G2	88.8	5390	B2U3G2	88.4	5500	B2U3G2	90.2	5660	B3U3G2	92.8	61
12L40T_-MDL014	4640	B2U3G2	98.7	4675	B2U3G2	99.5	4840	B1U3G2	103.0	4990	B2U3G2	106.2	47
12L30T_-MDL014	4425	B2U3G2	94.1	4455	B2U3G2	94.8	4615	B1U3G2	98.2	4760	B2U3G2	101.3	47
12L27T_-MDL014	4000	B2U3G2	85.1	4030	B2U3G2	85.7	4170	B1U3G2	88.7	4300	B2U3G2	91.5	47
12L40T_-MDL008	2850	B1U3G1	105.6	2870	B1U3G2	106.3	2975	B1U3G2	110.2	3075	B2U3G1	113.9	27
12L30T_-MDL008	2715	B1U3G1	100.6	2735	B1U3G2	101.3	2835	B1U3G2	105.0	2930	B2U3G1	108.5	27
12L27T_-MDL008	2455	B1U3G1	90.9	2475	B1U3G2	91.7	2565	B1U3G2	95.0	2650	B2U3G1	98.1	27

Options



Button Photocell (PEC)



Fixed Dimming Resistor Board (FDRB)



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

Fitters



5P Fitter

10-1/8" W x 10-3/8" H
Fits 3" OD x 3" tall tenon/pole



990 (or 994) Utility Fitter

10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



991 Utility Fitter

10-1/2" W x 13-1/8" H
Fits 3" OD x 3" tall tenon/pole



992 Utility Fitter

10-1/2" W x 13-1/8" H
Fits 3" OD x 3" tall tenon/pole



993 (or 995) Utility Fitter

10-1/2" W x 15-3/4" H
Fits 3" (or 4") OD x 3" tall tenon/pole



BD4 Fitter

10-1/8" W x 10-1/8" H
Fits 4" OD x 5" tall tenon/pole



BD5 Fitter

10-1/8" W x 10-1/4" H
Fits 5" OD x 6" tall tenon/pole



BD7 Fitter

10-1/8" W x 11-3/4" H
Fits 7" OD x 1" tall tenon/pole



OL3 (or OL4) Fitter

10-1/8" W x 10-3/8" H
Fits 3" (or 4") OD x 3" tall tenon/pole



C2097 Fitter

10" W x 3-1/4" H
Fits 7" OD x 1" tall tenon/pole

Utility Fitter Details

Optional Accessories

990 Utility Fitter

