

# Specifications

ALL TERRAIN

# LENTRY®

PORTABLE LIGHT SYSTEMS



Since there are so many configurations, weight and dimensions are shown for primary components instead of for complete models of LENTRY LIGHTS and LENTRY UTILITY LIGHTS. LENTRY SYSTEMS are often stowed and carried with the lights and poles separately, as shown in *Image 1* at left.

Measurements are approximate and may vary a small amount due to normal fluctuations in materials and manufacturing processes.

LENTRY PORTABLE LIGHT SYSTEMS are protected by US patent D684,309.

*Image 1: James carries LENTRY LIGHT model 2SPECS, with its main body in one hand and its pole and light over his shoulder.*

*Note about images: Models showing the 2000W generator now come with the more powerful 2200W generator.*

## LEGS / STAND

LENTRY LIGHTING SYSTEMS have three outward curving legs which extend and retract independently. Extended, the legs lift the generator about 10 inches above the ground and provide a wide footprint for stability. Legs are part of a metal frame bolted directly to the generator; the frame holds the telescoping poles and lights when they are attached.

LENTRY UTILITY LIGHTING SYSTEMS consist of a utility stand with telescoping legs that lock in four different positions. The Adapter, which holds the pole and light, is clamped to the stand via a tell guide plate. LENTRY UTILITY LIGHTING SYSTEMS are for those who already have a power source available.

Size and weight for the Utility Stand, as shown in *Image 2*, is with the Adapter attached and legs collapsed. Size and weight listed for the generator-and-legs portion, as shown in *Image 3*, are with the legs retracted and without poles and lights connected.

As shown in Image 2	SIZE (L x W x H)	WEIGHT (lbs.)
Utility Stand with Adapter	34 x 7 x 8 in	18.5
As shown in Image 3	SIZE (L x W x H)	WEIGHT (lbs.)
1000W Generator & LENTRY FRAME/LEGS	24 x 14 x 20 in	40 - 43
2200W Generator & LENTRY FRAME/LEGS	27 x 16.5 x 21 in	59 - 62



*Image 2 (left): Utility stand with Adapter attached and legs collapsed.*

*Image 3 (right): Generator-and-legs portion, without poles and lights connected.*



*Image 4 (left): James standing next to LENTRY UTILITY LIGHT SYSTEM Model TWSPX-SS-C34/50. This model includes either Case C3422 or C5022 (case not shown).*

*Image 5 (below): LENTRY Model 2STARS, consisting of a 2200W generator and a single standard height V-Star LED.*



## POWER SUPPLY

LENTRY LIGHTS are powered by a 1000-watt or 2200-watt Honda® super-quiet inverter generator that produces computer-safe power.

	GENERATOR SPECS	
	1000W MODELS	2200W MODELS
Generator	Honda EU1000i	Honda EU2200i
A/C Output	120V, 1000W max (8.3A) 900W rated (7.5A)	120V, 2200W max (18.3A) 1800W rated (15A)
D/C Output	12V, 96W (8A)	12V, 100W (8.3A)
Engine	49.4 cc Honda GXH50	121 cc Honda GXR120
Receptacles	15A 125V Duplex NEMA 5-15P	20A 125V Duplex NEMA 5-20P
Noise Level	42 dB at 1/4 load 50 dB at rated load	48 dB at 1/4 load 57 dB at rated load
Fuel Capacity	0.6 gallons	0.95 gallons
Run Time	3.2 hrs at rated load	3.2 hrs at rated load
Per Tank	7.1 hrs at 1/4 load	8.1 hrs at 1/4 load
Warranty	1 year commercial use	3 years commercial use

"Rated" wattage is the power the generator can supply continuously to run the lights and other tools while "max" wattage is the supply available for short bursts.

## VSI WARRANTY

LENTRY LIGHT SYSTEMS are covered by a five-year "No BS" warranty from Ventry Solutions, Inc. on workmanship and materials. See individual sections for warranties on generators and light heads.

V-Spec Cases come with a lifetime warranty. Bulbs are not covered under warranty.



LENTRY LIGHT SYSTEM SPECIFICATIONS, CONT.

LIGHTS

All LENTRY LIGHTS are exceptionally bright and efficient, instant-on / instant-off, and articulate to aim in any direction. Choose from LED or halogen.

ABBREVIATION AND LIGHT	LUMENS	DRAW	L x W x H	WEIGHT	WARRANTY	CERTIFICATIONS
OPUP Optup Halogen	19,600	750W	9 x 7 x 13 in	6.5 lbs	2 years	CE, ETL
STAR V-Star LED	20,000	240W	14 x 6 x 15 in	12 lbs	6 years	UL, CE*, ROHS, CSA
SPEC V-Spec LED	28,000	336W	15 x 4 x 15 in	10 lbs	5 years	UL, CE, IP68
TWSP 2-Headed V-Spec LED	56,000	672W	30 x 6 x 18 in	22 lbs	5 years	UL, CE, IP68

\*Certification pending.



CASES

All LENTRY LIGHTING SYSTEMS and LENTRY UTILITY LIGHTING SYSTEMS that consist of either the V-Spec LED (SPEC) or the 2-Headed V-Spec LED (TWSP) are available with a lifetime-guaranteed case. All cases meet strict US Military standards for protection against air, water, and impact. They will not warp, rust, rot, bend, crack, or shatter, and the foam interior will not disintegrate with sun or water.

CASE	HOLDS	L x W x H (in.)	WEIGHT (empty)
C2318	One SPEC & standard height pole	22.5 x 8.5 x 18	11.5 lbs
C3422	Two SPEC or one TWSP	33.5 x 13 x 22	29.5 lbs
C5022	Two SPEC or one TWSP plus 1-2 XT poles	49.5 x 9 x 21.5	30.5 lbs



Image 8 (right): Three LENTRY LIGHT models, one of each height, pictured with James for scale. James stands just over 6-feet tall. From left-to-right: Standard height model 2SPECS; Extra Tall height model 2SPECX; and Hi-Lite model 2SPECX.



Image 6: LENTRY LIGHT model 10PUPS, consisting of a 1000W generator and a single standard height Optup Halogen.

HEIGHT

LENTRY LIGHTS are available in three heights, which vary by the length of their telescoping poles. Poles easily attach/detach from the LENTRY LEGS or Utility Stand for transport/storage.

POLE LENGTHS	RETRACTED	EXTENDED	WEIGHT
Standard height (S) poles	15 in	25.5 in	2 lbs
Extra Tall height (X) poles	44 in	83.5 in	4.5 lbs
Hi-Lite height (H) poles	73 in	138.5 in	6.5 lbs

LENTRY LIGHTING SYSTEMS

- Standard (S) height models stand 3.5- to 4-feet tall with legs and poles fully extended.
- Extra Tall (X) height models stand 8.5- to 9-feet tall fully extended and 3 feet tall fully retracted.
- Hi-Lite (H) height models stand 13 feet tall fully extended and around 6 feet tall fully retracted. Hi-Lite height models are Special Order, as we want to make sure they are appropriate for your application.

LENTRY UTILITY LIGHTING SYSTEMS

- Extra Tall (X) height models stand between 6.5-feet tall with the legs flat and pole retracted to 11.25-feet tall fully extended (as seen in Image 4 on previous page).
- Hi-Lite (H) height models stand just under 9-feet tall with the legs flat and pole retracted to 15-feet tall with the pole extended. Hi-Lite height models are Special Order, as we want to make sure they are appropriate for your application.



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Image 7 (above): V-Spec Cases C5022 (back, left), C3422 (bottom, front), C2318 (top, open with SPEC light head inside).