



Lux Solar

Saving Lives we will never meet

10891 La Reina Rd Suite 100 Delray Beach FL 33446 USA † 561 498 2330 † 561 498 2305

UX



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QUOTE # 042325001

Customer Number : Highland Beach
Quote Date : 04/23/25
Estimated Start : TBD
Estimated Finish: TBD

Job Location: SR A1A CROSSWALKS
Job Number : 001
P.O. Number : QUOTE
Ordered By : P. Roman & Sergio
Written By : Maj
Salesperson : Maj

Job Site

Town of Highland Beach
SR A1A
(AS PER ATTACHED PLANS)

Customer

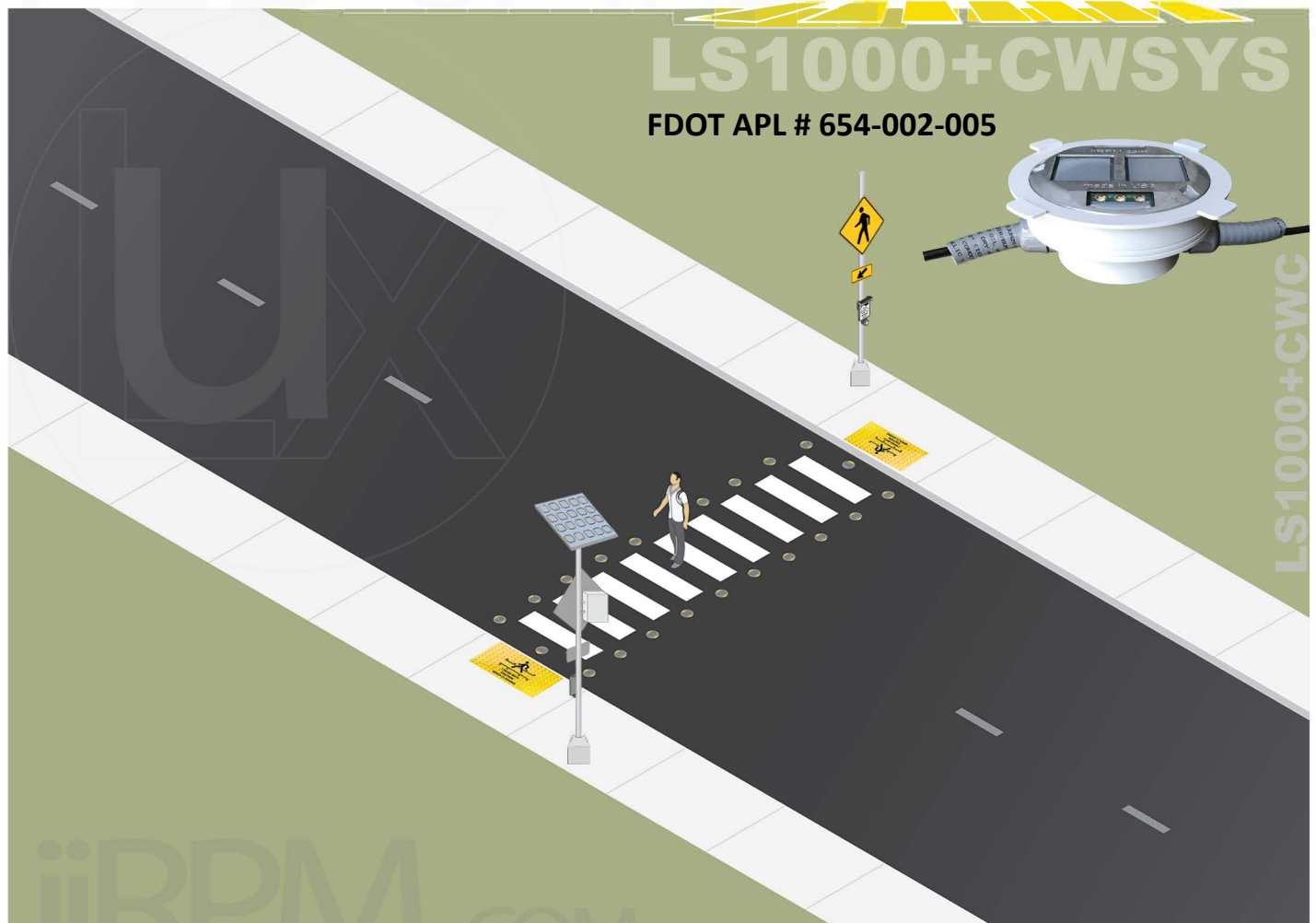
Pat Roman & Sergio Gonzalez
Town of Highland Beach
3616 S. Ocean Blvd Highland
Beach, FL 33487

<u>Quant</u>	<u>Equipment</u>	<u>Unit Cost</u>	<u>Amt.</u>
8	FURNISH & INSTALL IN-ROAD LIGHT SYSTEM (8 Locations) (Using Existing RRFB cabinets & Poles) FDOT APL 654-002-005	\$35,490.00	\$283,920.00

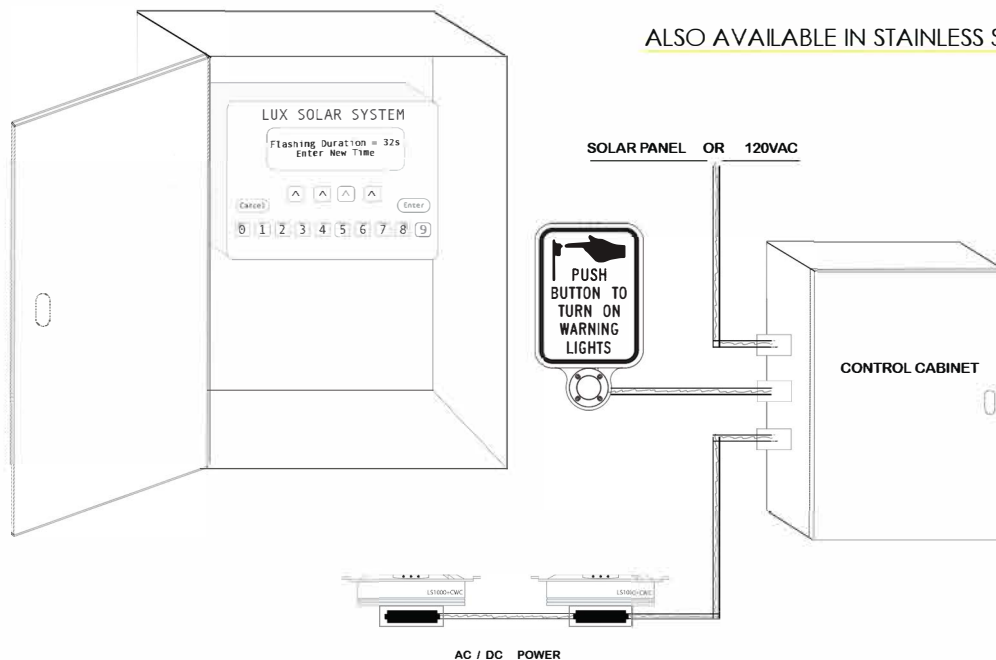
Estimated Total: \$283,920.00

MIDBLOCK PED CROSSWALK SYSTEM

AC/DC SOLAR POWER IN-ROAD WIRED LED LIGHTS SYSTEM



Pedestrian Activated AC/DC SOLAR Power In-Road Lights System



ALSO AVAILABLE IN STAINLESS STEEL TOP FOR SNOW PLOW AREAS

Attributes ::

- IP68 Certified
- NEMA TS2 Certified
- MUTCD Compliant
- FDOT Approved (iiRPM)
- FCC Approved
- Dark Sky Friendly
- Fish and Wildlife Approved
- Bicycle Friendly
- ADA Compliant (Less than 1/4 inch)
- One Mile Visibility
- Zero Maintenance
- 2 Year Warranty
- Highly Durable Housing (120K Lbs)
- Snow Plowable

www.InRoadLight.com

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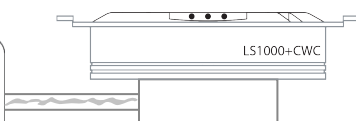
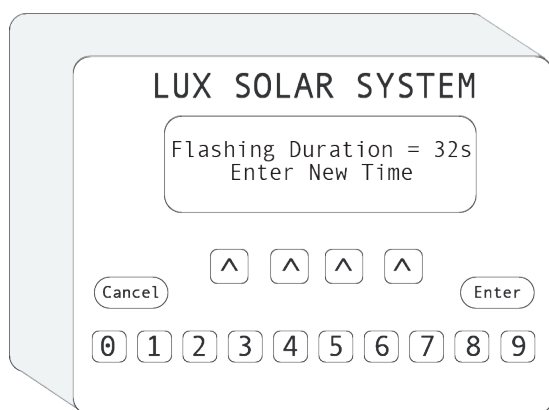
MIDBLOCK PED CROSSWALK SYSTEM

In-Road Wired AC/DC Solar Powered LED Lights System

MADE IN
USA

PATENTED

FLASHING YELLOW



Dimensions and Weight

Size: ø 6.3" x 1.75" (ø160 x 45mm)
Weight: 3.4 lbs (1,250g)

Pedestrian Activation

Customized Pedestrian Actuation
(1sec to 60sec)



Physical Properties :: LS100+CWSYS

Environmental NEMA TS2
Operating Temperature -40°C to +74°C
Operating Cycles Continuous
FCC Title 47-B-15

Physical Properties :: LS1000+CWC

Compressive Strength 120,000 lbs (535,000 N)
Water Proof IP68
Operating Temperature -40°C to +74°C
Operating Cycles Continuous
FCC Title 47-B-15

Lighting Properties :: LS1000+CWC

Model	Colors	Typical Light Brightness (mcd)	
LS1000+CWSYS	Yellow	Day / Night	225,000
Type: One Flash (1/sec) Bi-Directional			

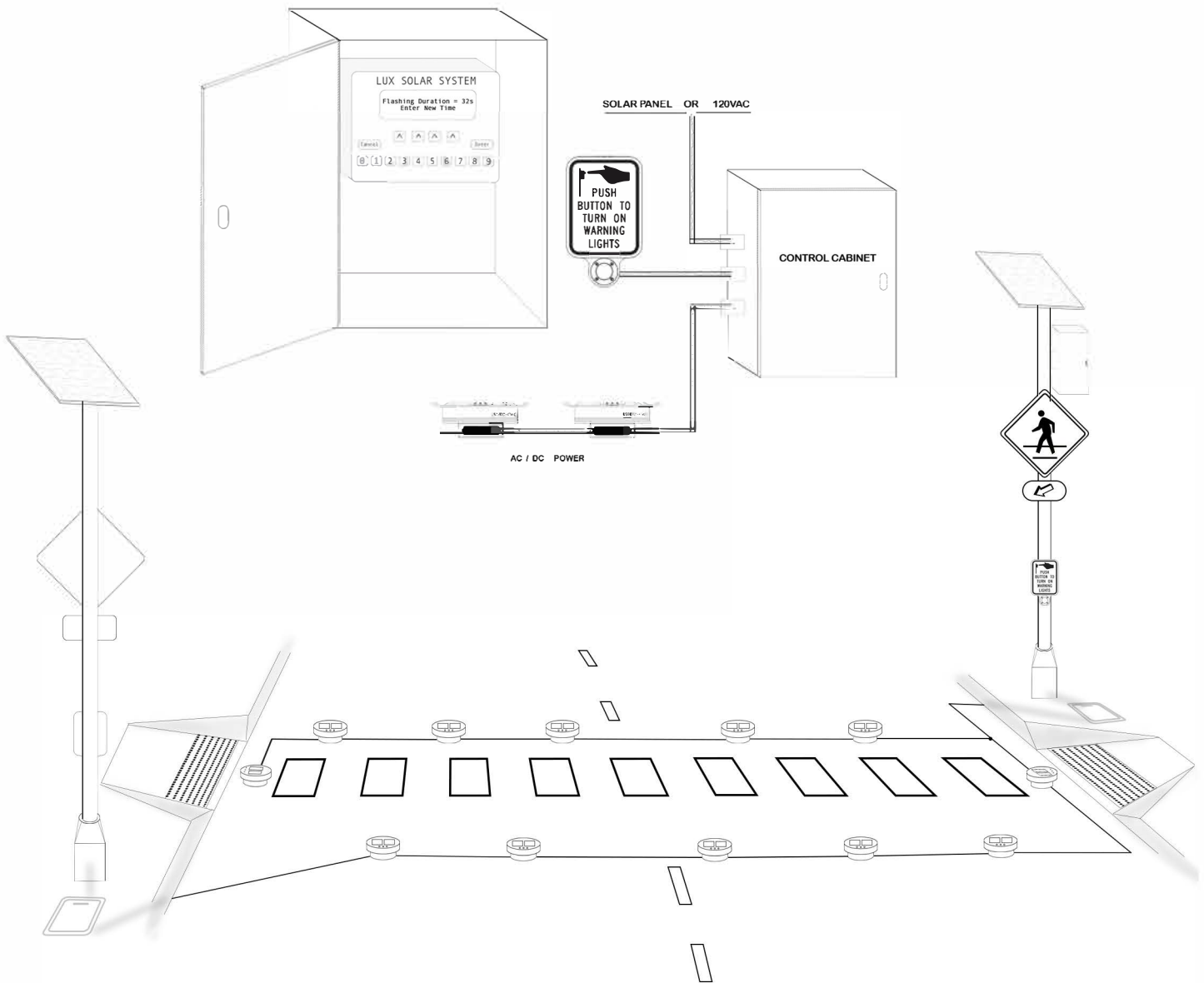
Basic Components

Power	AC / DC	2 Watts
LED	LED Size LED Brightness LED Quantities	3.2mm x 2.7mm 225 Candela 3PCS / Bi-Directional
LED Light Source	Yellow	595 nm
Aluminum Die Cast Housing	Aluminum A383 Die Cast with Polycarbonate Lenses & Composite Cup	
Electronic Controller	MAIN PCB uses Ultra Low Power Microprocessor control to provide a steady flash rate over the temperature range.	

WIRED AC/DC SOLAR POWER

PED CROSSWALK SYSTEM

LS1000+CWSYS



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