



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 4

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 453736

SO Doc Code: CRFQ

Procurement Type: Central Purchase Order

SO Dept: 0211

Vendor ID: VS0000014206

SO Doc ID: GSD1800000021

Legal Name: Lights on America

Published Date: 6/7/18

Alias/DBA: Lights on America

Close Date: 6/12/18

Total Bid: \$90,530.00

Close Time: 13:30

Response Date: 06/12/2018

Status: Closed

Apply Default Values to Commodity Lines

View Procurement Folder

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Light emitting diode LED fixture	1380.00000	EA	\$59.950000	\$82,731.00

Comm Code	Manufacturer	Specification	Model #
39111544			

Extended Description : HOLOPHANE /ACUITY TROFFER LIGHT FIXTURE LED
Part No. HVT 2x4 DOP 3900LM 35K MVOLT MIN10 80CRI ZT JP10, or equal

Comments: Submitting an alternate brand-See attached spec sheets-

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Light emitting diode LED fixture	35.00000	EA	\$129.990000	\$4,549.65

Comm Code	Manufacturer	Specification	Model #
39111544			

Extended Description : HOLOPHANE/ ACUITY TROFFER LIGHT FIXTURE LED- EMERGENCY w/ BATTERY
Part No. HVT 2x4 DOP 3900LM 35K MVOLT MIN10 80CRI ZT BR JP10, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Light emitting diode LED fixture	65.00000	EA	\$49.990000	\$3,249.35

Comm Code	Manufacturer	Specification	Model #
39111544			

Extended Description : HOLOPHANE/ACUITY TROFFER LIGHT FIXTURE LED
Part No. HVT 2x2 DOP 3900LM 35K MVOLT MIN10 80CRI ZT JP 10, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Interior lighting fixtures and accessories	350.00000	EA		

Comm Code	Manufacturer	Specification	Model #
39111500			

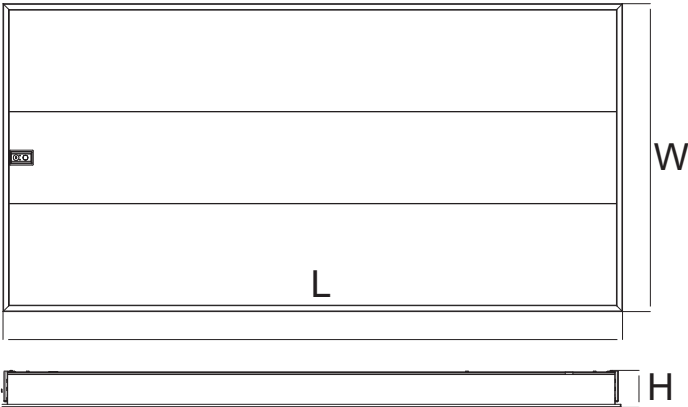
Extended Description : HOLOPHANE FIXTURE EARTH QUAKE STABILITY CLIPS
Part No. 2x4 EC EARTHQUAKE CLIPS (PACKAGE OF 4), or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Interior lighting fixtures and accessories	150.00000	EA		

Comm Code	Manufacturer	Specification	Model #
39111500			

Extended Description :	HOLOPHANE / ACUITY dimming and OCUPANCY SENSOR WALL SWITCH Part No. WSX PDT D WH (120/277V) with matching wall plate included, or equal
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2.83" Height, Emergency Back-up ArcSmart LED Troffer



Product	L(mm)	W(mm)	H(mm)
2*2FT	603±1.5	603±1.5	72±1.5
2*4FT	1213±1.5	603±1.5	72±1.5

FEATURES

- A sleek, neat appearance ArcSmartLED Troffer is designed to enhance office, retail, healthcare interiors with high efficiency.
- Power supply features with flicker-free design. Emergency backup allows troffer to be used for both normal and emergency operation.
- Integrated lay-in troffer with only 2.83 inch thickness makes much more loading possible. Installation becomes easier.
- Higher PF>0.95 draws less current, decreases the energy lost in distribution system and charges less cost to industrial or commercial customers.
- Embedded sensors (occupancy sensing & daylight harvesting) are available. 0-10V or wireless dimming are for options.

SPECIFICATIONS

Input Voltage	AC 100-277V
Operating Frequency	50/60Hz
Power Factor	>0.95
THD	<10%
CCT	35/40/50K
CRI	80Ra
Height	72mm(2.83")
Warranty	5 Years
Rated Life	50000 Hrs
Certifications	UL, DLC, FCC



PARAMETERS

Standard Efficiency

Dimensions	Wattage	CCT	Lumens	Efficiency	Beam Angle	Function
2*2FT	32W	35/40/45/50K	3520lm	110lm/w	140°	Emergency backup
2*4FT	40W	35/40/45/50K	4400lm	110lm/w	140°	Emergency backup
2*4FT	50W	35/40/45/50K	5500lm	110lm/w	140°	Emergency backup
2*2FT	26W	35/40/45/50K	3380lm	130lm/w	140°	Emergency backup
2*2FT	32W	35/40/45/50K	4160lm	130lm/w	140°	Emergency backup
2*4FT	32W	35/40/45/50K	4160lm	130lm/w	140°	Emergency backup
2*4FT	50W	35/40/45/50K	6500lm	130lm/w	140°	Emergency backup

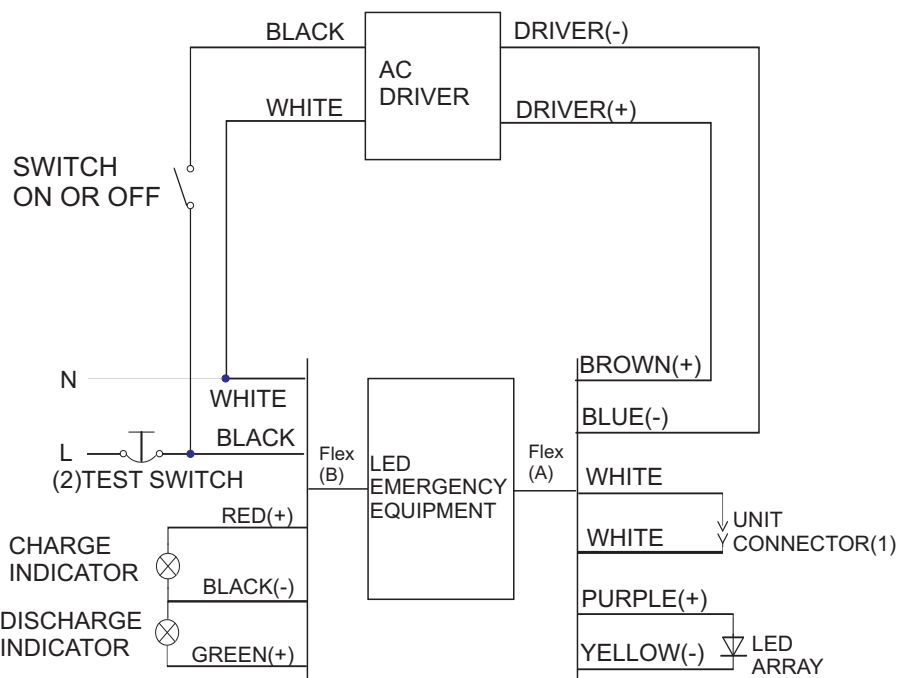
Premium Efficiency

Dimensions	Wattage	CCT	Lumens	Efficiency	Beam Angle	Function
2*2FT	20W	35/40/45/50K	2900lm	145lm/w	140°	Emergency backup
2*2FT	26W	35/40/45/50K	3770lm	145lm/w	140°	Emergency backup
2*4FT	26W	35/40/45/50K	3770lm	145lm/w	140°	Emergency backup
2*4FT	40W	35/40/45/50K	5200lm	130lm/w	140°	Emergency backup
2*4FT	40W	35/40/45/50K	5800lm	145lm/w	140°	Emergency backup

* Notices: The above data is calculated in ArcSmart LED Troffer without emergency backup driver. Lumens may be varied in the troffer with different wattages' emergency backup driver.

WIRE DIAGRAM

Item	10W	20W
Input Voltage	100-277V, 50-60Hz	
Input Current	50mA(max)	80mA(max)
Input Power	5Watts(max)	8Watts(max)
Output Voltage	18-48VDC	
Output power	10W(max)	20W(max)
Recharge	24Hrs	48Hrs
Emergency Operation	90 minutes	
Battery	Ni-MH	
Working Temperature	0-50°C	



- Long life Ni-MH battery is more environmentally-friendly and stable than Ni-Cad battery.
- Output current can be adjusted according to the different loading voltage.
- When connected to the Emergency Backup Driver, the attached 0-10V dimming, sensor and Bluetooth APP control are out of work.

PACKAGES

ArcSmart LED Troffer's Package

Product Dimensions	Carton Dimensions	N.W. / Product	G.W. / Carton	Pcs / Carton
603*603*72mm	640*620*85mm	3.94kg	5.66kg	1 pc
1213*603*72mm	1250*620*85mm	6.56kg	10.00kg	1 pc

Emergency Driver's Package

Driver Dimensions	Carton Dimensions	N.W. / Product	G.W. / Carton	Pcs / Carton
288*91.6*63mm	690*360*215mm	1.32kg	16.5kg	10 pcs

* The DLC listed emergency power supply should be packaged separately from the LED Troffer.

Emergency Backup Battery Flicker-free Ni-MH Battery

Approvals



Certifications

UL Listed

Backup Solution

Topband LED emergency driver is a UL compliant LED Emergency Equipment that allows the same LED fixture to be used for both normal and emergency operation.

Flicker-free & Ni-MH Battery

The emergency LED driver can meet uninterrupted needs with flicker-free design. Long life Ni-MH battery is more environmentally-friendly and stable than Ni-Cad battery.

90' Duration & Adjustable Output Current

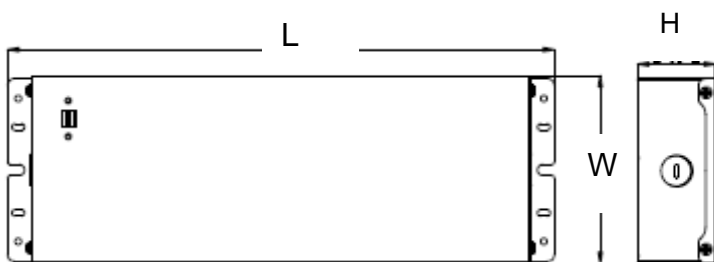
The emergency duration is at least 90 minutes. And in the condition of emergency, output current can be adjusted according to the different loading voltage.

External Driver Use

Small volume and convenient to install for external driver use. Ideal for LED troffer, panel, linear, ceiling light, high bay and more.

Warranty: 5 years

Applications



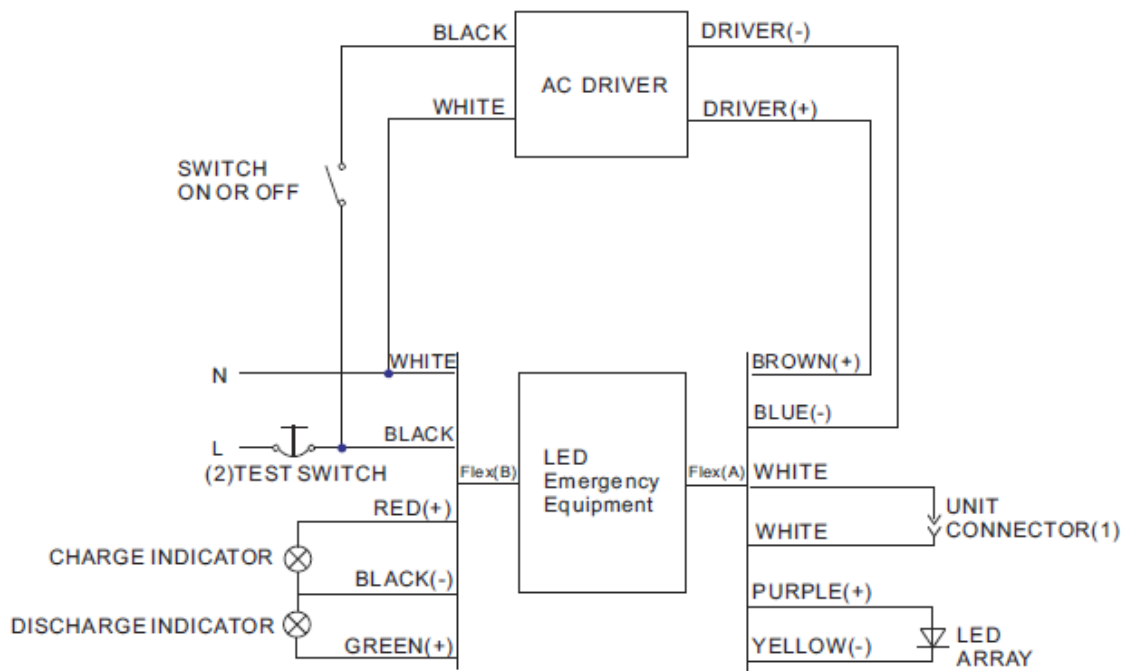
Item	L(mm)	W(mm)	H(mm)
Driver	285 ± 1	91.6 ± 1	63 ± 1

1. Product Specifications and Adjustable Output Current Form

Model	10W	20W
Input Voltage	100-277 VAC, 50-60Hz	
Input Current	50mA(max)	80mA(max)
Input Power	5 Watts(max)	8 Watts(max)
Input Voltage	18-48VDC	18-48VDC
Output Power	10W(max)	20W(max)
Recharge	24Hour	48Hour
Emergency Operation	≥90 minutes	
Battery	Ni-MH	
Working Temperature	0-50°C	

Emergency Power	DIP Switches	Loading Voltage	Output Current
10W	1	18-24V	0.42A
	2	24-36V	0.28A
	3	36-42V	0.24A
	4	42-48V	0.21A
20W	1	18-24V	0.83A
	2	24-36V	0.55A
	3	36-42V	0.47A
	4	42-48V	0.41A

2. Wiring Diagram



3. Package

Item	Carton Dimension	N.W./Product	G.W./Product	Q'ty
Driver	690*360*215mm	1.23kg	14.98kg	10pcs



DEPARTMENT OF VETERANS AFFAIRS
Center for Verification and Evaluation
Washington DC 20420

February 21, 2017
In Reply Refer To: **00VE**

Mr. Matthew Drozd
Lights on America Inc.
DUNS: 122649049
Casey Industrial Park, 1800 Preble Avenue
Pittsburgh, PA 15233

Dear Mr. Drozd:

On behalf of the U.S. Department of Veterans Affairs (VA), Center for Verification and Evaluation (CVE), I am writing to inform you that Lights on America Inc. has been verified as a Veteran-Owned Small Business (VOSB) and added to the Vendor Information Pages (VIP) at <http://www.vip.vetbiz.gov>. Lights on America Inc. will be eligible to participate in Veterans First Contracting Program opportunities with VA.

This verification is valid for two years from the date of this letter. Please retain a copy of this letter to confirm Lights on America Inc.'s continued program eligibility in accordance with 38 Code of Federal Regulations (CFR) § 74.12. You may reapply 120 days prior to your expiration date by logging in to your VIP profile.

To promote Lights on America Inc.'s verified status, you may use the following link to download the logo for use on marketing materials and business cards:
http://www.vetbiz.gov/cve_completed_v.jpg. In addition, please access the following link for information on next steps and opportunities for verified businesses:
<http://www.va.gov/osdbu/verification/whatsNext.asp>.

To ensure that Lights on America Inc. is correctly listed in the Vendor Information Pages, check Lights on America Inc.'s profile for the verified logo. Please notify us if the logo is not present within 72 hours of receipt of this letter.

While CVE has confirmed that Lights on America Inc. is presently, as of the issuance of this notice, in compliance with the regulation, Lights on America Inc. must inform CVE of any changes or other circumstances that would adversely affect its eligibility. Eligibility changes not reported to CVE within 60 days could result in a referral to the Office of Inspector General (OIG), a referral to the Debarment and Suspension Committee, and the initiation of cancellation proceedings—all of which could result in Lights on America Inc. being removed from the VIP Verification Program.

*"World Class Professionals
Enabling Veteran Business Opportunities by Protecting the Veteran Advantage - One Vet at a Time"*

Page 2.

Mr. Matthew Drozd

Please be advised all verified businesses may be required to participate in one or more post-verification audits at CVE's discretion. Additionally, this letter and other information pertaining to Lights on America Inc.'s verification application may be subject to Freedom of Information Act (FOIA) requests. However, FOIA disclosures include exceptions regarding the personal privacy of individuals, and VA policy similarly provides limitations on the release of individual records.

If Lights on America Inc. receives a negative size determination from the U.S. Small Business Administration (SBA), CVE must act in accordance with 38 CFR § 74.2(e). Also, note, if at any time Lights on America Inc. discovers that it fails to meet the size standards for any NAICS Code(s) listed on its VIP profile, CVE requires such NAICS Code(s) be removed within five (5) business days. If these NAICS Code(s) are not removed within the allotted five (5) business days, CVE may request the SBA conduct a formal size determination. In addition, CVE may initiate a referral to OIG, a referral to the Debarment and Suspension Committee and pursue cancellation proceedings. All of the aforementioned referrals and procedures could result in Lights on America Inc. being removed from the VIP Verification Program.

Thank you for your service to our country and for continuing to serve America through small business ownership.

Sincerely,

A handwritten signature in black ink, reading "Thomas J. McGrath". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Thomas J. McGrath
Director
Center for Verification and Evaluation



Huati

INNOVATIVE LEADERS

IN OUTDOOR AND INDOOR LIGHTING

MANUFACTURERS OF HIGH QUALITY TRADITIONAL AND SPECIALTY LIGHTING AT AFFORDABLE PRICES



OUTDOOR LED LIGHTS



INDOOR LED LIGHTS

FLOOD & SHOEBOX LED LIGHTS



SPECIALTY DESIGN LED



LED STREET LIGHTS

HIGHWAY LED LIGHTS



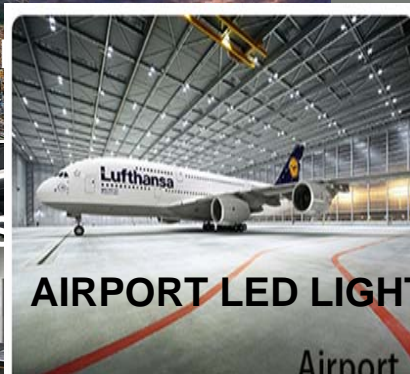
BRIDGE & UNDERPASS LED



HIGH MAST LED

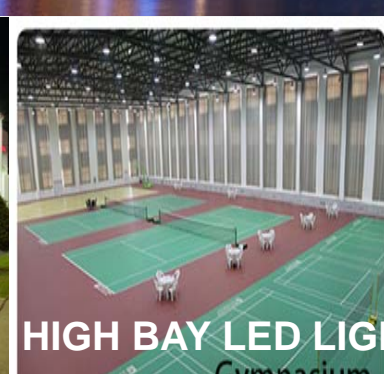


LED RETROFIT KITS



AIRPORT LED LIGHTS

Airport



HIGH BAY LED LIGHTS

Gymnasium

Huati History — Years Hard Work



Huati

FUTURE 

FUTURE ASSEMBLY
PLANT IN THE UNITED
STATES AND CANADA-NO
1 IN QUALITY AND
CUSTOMER SERVICE

2012 

New name: Huati Lighting Technology Co., Ltd

 **2017**

800+ employees

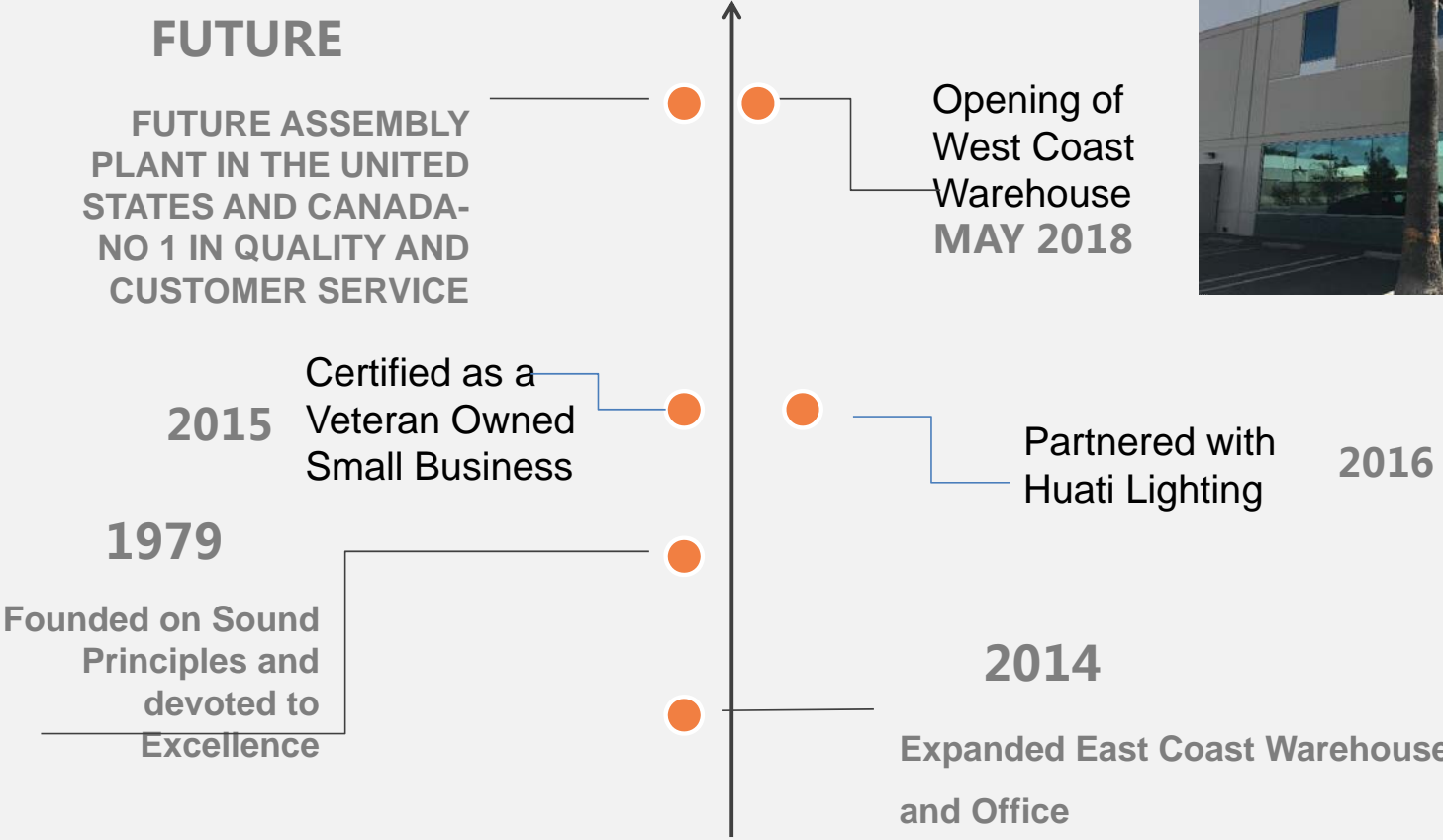
More than 20 branches around the World

2004 

Moved to current
campus

 **1991**

Devoted to Lighting Business since 1991



Slide 3

m1

mdrozd, 10/24/2017



LIGHTS ON AMERICA

WWW.LIGHTSONAMERICAN.COM

A VOSB-UNITED STATES VETERAN OWNED SMALL BUSINESS

The corporation of Lights on America has been in business since 1979. Its founder volunteered for active duty during 9-11. He served on the Joint Chiefs of Staff for three Chairman of the Joint Chiefs of Staff and for the Secretary of Defense. He voluntarily deployed overseas into harms way twice to protect our embassies in the Middle East and to protect our troops in South Korea. He received many decorations, including the Defense Meritorious Service Award for helping to save injured sailors aboard the USS Cole.



Hardware Platform

Smart Street Light, the perfect combinatin of technology and design, creates the Smart City hardware network .

Smart Street Box, the gateway for the Smart Street Light, brings all the IoT devices together.

Software Service Platform

Provide tools for city managers and convinece features for residents

City Management Services

Provide services such as EV charging station managment, micro environment Monitoring, parking IoT management, Lighting Managent and etc.

Dig Data Collection, Transmit and Management



Huati — Core Value



Value

Honest and Sincere

Vision

A Respected Leader

Mission

Create Better Homes

Philosophy

Gather Talent Forge Ahead
integrate Resources Create Win-Win



Huati Businesses — End to End Solutions

Industrial Leading
Solution Provider

End-to-End Solution
Provider

Four Complete Steps



Lighting Design



Product R&D and Manufacture



Project Implementation



Management Services



UTILIZE
street light network

ADOPT
Internet and IoT
technologies

CREAT
**Smart City
Solutions**

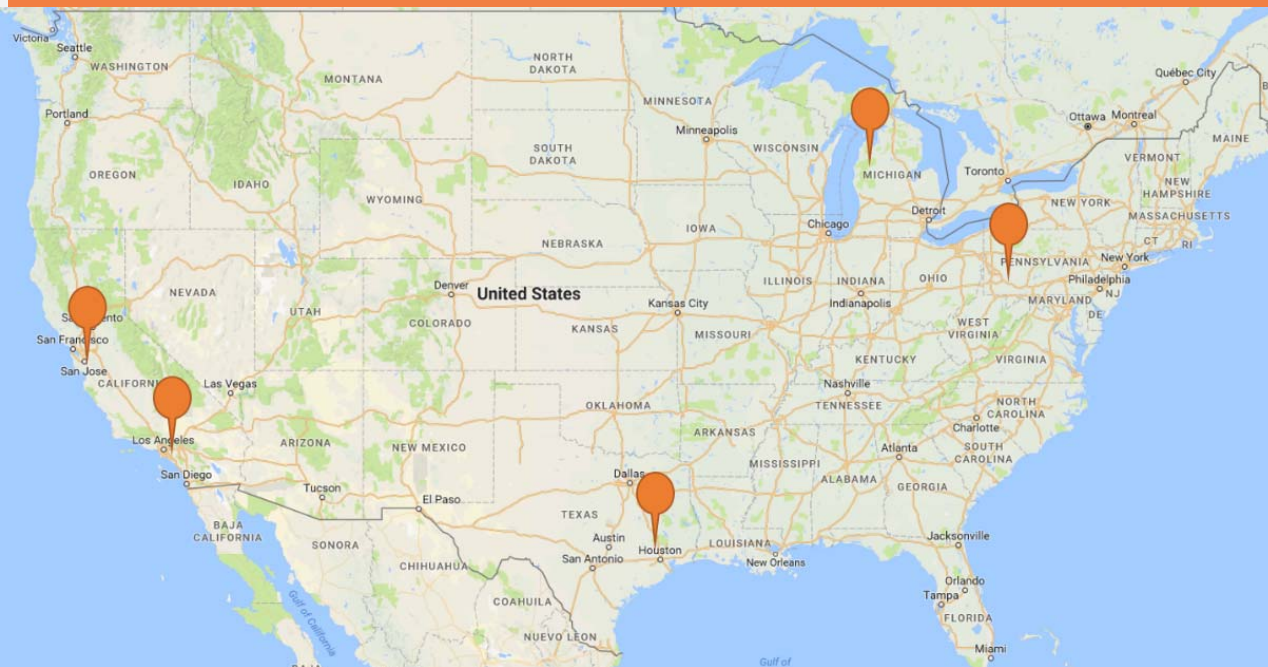
Huati

SALES AND SERVICE NETWORK

LIGHTSON AMERICA INC



More than 20 branches across the World





HONORS



- Famous Chinese trademark
- Famous trademark of Sichuan Province
- National High-Tech Enterprise
- Sichuan Enterprise Technology Center
- Sichuan Industrial Design Center
- Top 10 excellent lighting suppliers
- Aladdin Award-top ten design award
- Innovative Design Red Star Award

Huati

SUPPORTING ITS CUSTOMERS AND ITS PRODUCTS

WE ARE CREATING MIRACLES



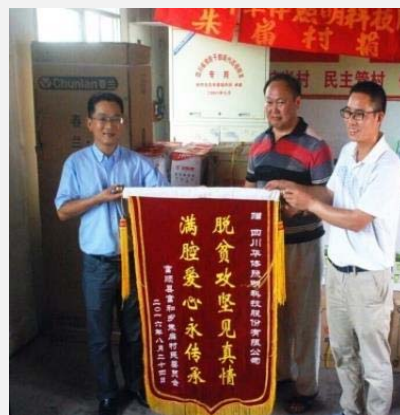


DEVOTED TO ITS EMPLOYEES & COMMUNITY

10+ years supporting poor students



Donations



2016 bicycle racing



2017 Yunnan tour

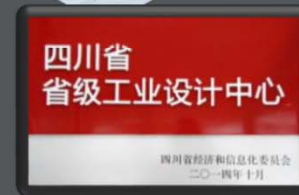
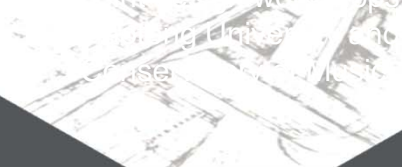




Design at Huati

- Design is the fundamental of sustainable development of the company, innovative lighting products to bring our customers a better life experience;
- Initiator of the “Urban Culture Lighting” concept, use cultural lighting to bring color to the World;
- Founded Urban Culture Lighting Research Institute, staffed with experts of lighting, history, folklore and other areas;
- Design team of more than 30 artists, industrial designers and foreign design institutes;

Joint design workshops with Southwest





EXCELLENT CUSTOMER SERVICE IN TIMELY MANNER

Huati

- UNITED STATES ARMY
- TEXAS DEPARTMENT OF CRIMINAL JUSTICE
- CITY OF LOS ANGELES CALIFORNIA
- CITY OF BEIJING
- GUANGXI NANNING
- SICILY ITALY
- SHUANGLIU TANG
- CHEN CDU JINGSHANG
- SHANGI HANCHEG
- CITY OF CHENGDU



CUSTOM DESIGNS TO FULFILL CUSTOMER SPECIAL NEEDS



• Beijing Chang An street

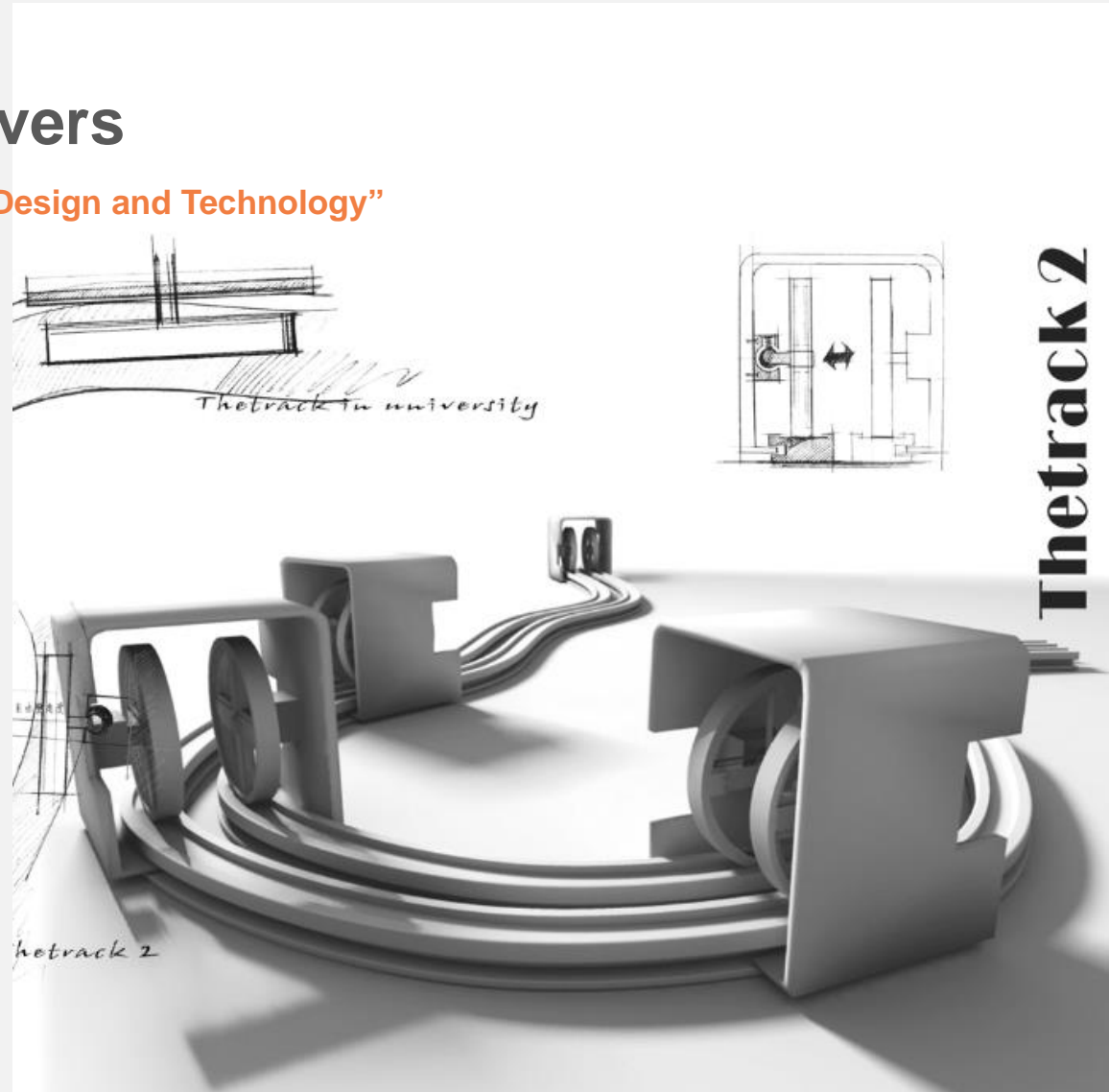


• Guangxi Nanning

Two Drivers

“Design and Technology”

Core Competencies





Technology at **Huati**

National Hi-Tech Center with
more than 250 patents and
software copyrights

Research center at Silicon Valley,
California

Joint software lab with Sichuan
University





Huati — PRODUCTS

PRODUCTS



Smart Lighting

Software
Hardware
Services
Big data

Cultural Design

Customized
design emphasis
culture and art

LED Lighting

High power LED,
Architectural,
and Indoor
Lighting

Public Facilities

City furniture ,
Communication
and electrical
power towers



SHOE BOXES

COBRA HEADS
STATE OF THE ART DESIGN



FIXTURES & POLES



Huati

FLOOD PROJECTION LIGHTS



SOLAR LIGHTS



DECORATIVE LIGHTS



HIGH MASTS



HIGH MASTS



STADIUM LIGHTS



HIGH BAY LED LIGHTS
Factory



INDUSTRIAL LED LIGHTS



Warehouse



LED FLOOD LIGHTS



WALL PACK & CANOPY LED

LED SHOE BOX LIGHTS



CUBE

HIGH BAY LED LIGHTS



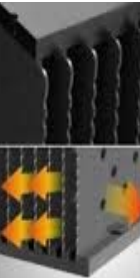
SLIM TRI-PROOF LED LIGHTS

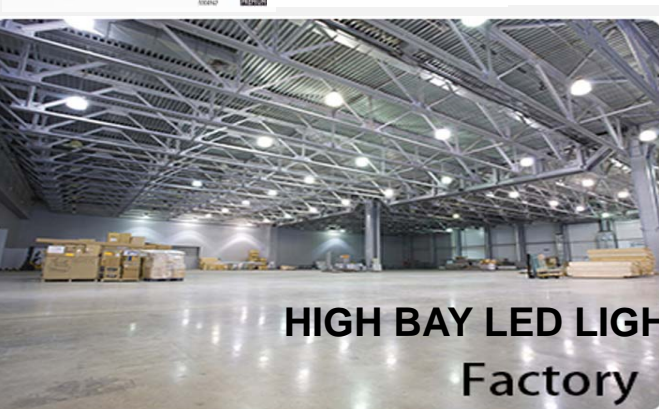


LED TROFFER RETROFIT



TUNNEL LED LIGHTS







Third Generation LED Module - 50/35W



Third Generation LED Module - 30W



Aurora Series-Street/Parking Lot Light



Aurora Series-Flood/Projection Lights



Aurora Series-Tunnel Lights



Dragon



Huati



All-Direction



LED Parking Lot Light 03-1



Starlight Series



Sunbeam Series



Moonlight Series



Eclipse Series



Fresh Beam Series



Rectbeam Series



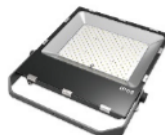
Roundbeam Series



Power Beam Series



Power Beam II Series



Mars Series



Flood Light



Solar Street Light



Litchi



Pigeons



Moon Rhythm

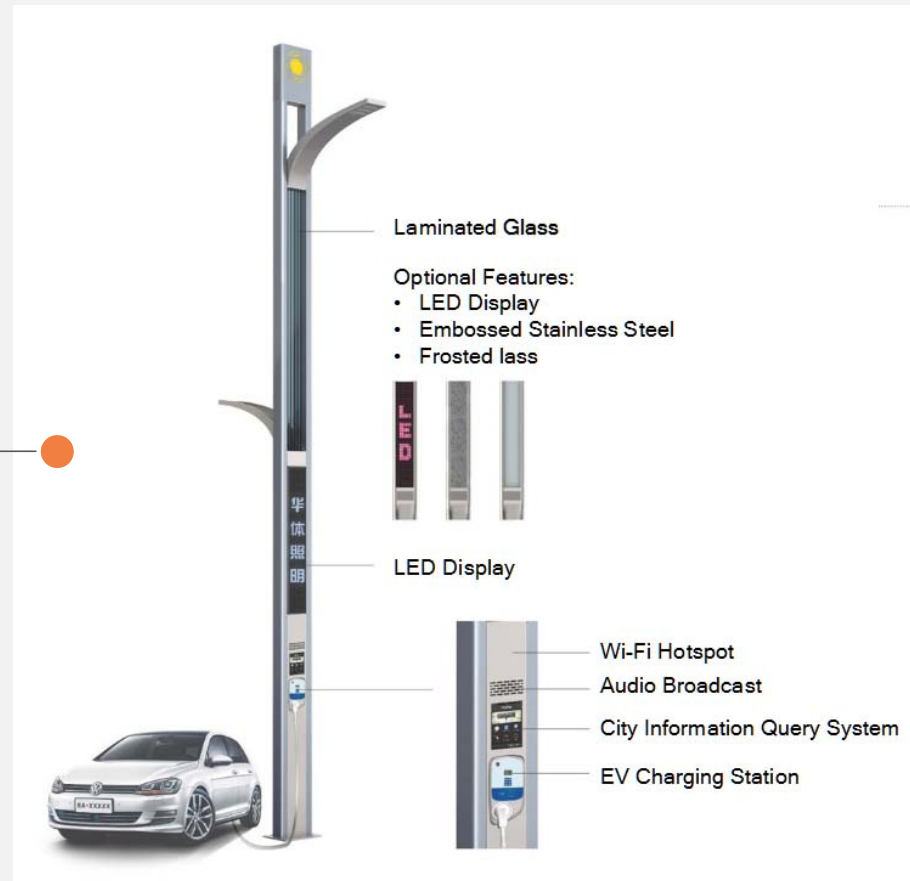


Moon Ray



Mexico Style

Smart City – Smart Street Light Hardware Platform

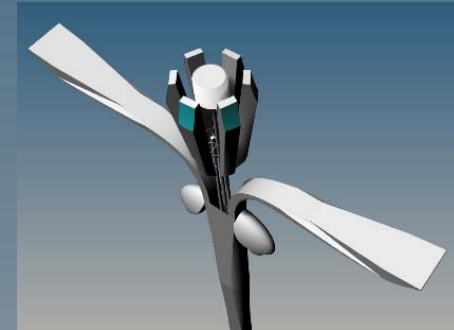
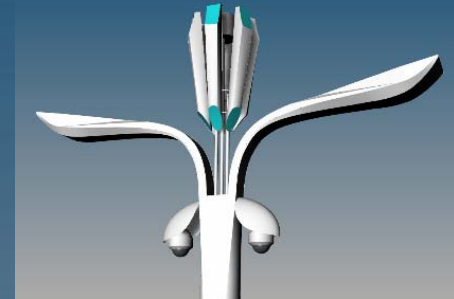


Huati

Technology



HIGH TECH Designer smart street light with 4G/5G cellular antennas on top generates income



Huati



Huati Key Projects – UNIQUE LIGHTING



Shanxi Hancheng



Guizhou Kaili



Huati Key Projects – Smart Street Light



Chengdu Jingshang Rd

Shuangliu Tang Hu Rd





Huati Key Projects – SMART LIGHTING SYSTEMS



Smart
Lighting
Control
System



Fujian

