

AGENDA



VALLEJO DESIGN REVIEW BOARD REGULAR MEETING – 7:00 P.M. COUNCIL CHAMBERS

Matt Kennedy, Chair
Oskar Lugtu
Michael Eli
Jamiah Adams
Daniel Gordon

555 Santa Clara Street, Vallejo, California

Thursday, July 11, 2024

NOTICE: Members of the public will be able to participate in-person or remotely via Zoom. City Hall and the Council Chambers will be open to members of the public 30 minutes prior to the start of the meeting.

VIEW THE MEETING:

There are four different ways you can view this public meeting:

- In Person
- Watch Vallejo local channel 28
- Stream from the City website: www.cityofvallejo.net/Streaming
- Join the Zoom webinar: <https://ZoomRegular.Cityofvallejo.net>

IMPORTANT NOTICE

This AGENDA contains a brief general description of each item to be considered. The posting of the recommended actions does not indicate what action may be taken. If comments come to the Design Review Board without prior notice for an item not listed on the AGENDA, no specific answers or responses should be expected at this meeting per State law.

Pursuant to Government Code Section 54954.3 of the Brown Act, members of the public shall be afforded the opportunity to speak on any agenda item of interest to them after being recognized by the presiding officer. Members of the public wishing to be so recognized are requested to submit a completed speaker card to the Secretary of the Design Review Board prior to the consideration of the item or raise their hand via ZOOM:(<https://ZoomRegular.Cityofvallejo.net>) or by phone: Dial (669) 900-6833. Enter Meeting ID: 914 0075 0676#. Press * 9 to digitally raise your hand from the phone. For additional instructions on how to speak remotely during public comment, please visit www.cityofvallejo.net/publiccomment. In person speakers will be recognized first.

Notice of Availability of Public Records: All public records relating to an open session item, which are not exempt from disclosure pursuant to the Public Records Act, that are distributed to a majority of the Design Review Board will be available on the City of Vallejo website at www.cityofvallejo.net subject to staff's ability to post the documents prior to the meeting.

Disclosure Requirements: Government Code Section 84308 (d) sets forth disclosure requirements which apply to persons who actively support or oppose projects in which they have a "financial interest", as that term is defined by the Political Reform Act of 1974. If you fall within that category, and if you (or your agent) have made a contribution of \$250 or more to any Board Member within the last twelve months to be used in a federal, state or local election, you must disclose the fact of that contribution in a statement to the Board.

Appeal Rights: The applicant or any party adversely affected by the decision of the Design Review Board may, within ten days after the rendition of the decision of the Design Review Board, appeal the decision by filing a written appeal with the Director of Planning and Development Services. Such written appeal shall state the reason or reasons for the appeal and why the applicant believes he or she is adversely affected by the decision of the Board. Such appeal shall not be timely filed unless it is actually received by Director of Planning and Development Services or designee no later than the close of business on the tenth calendar day after the rendition of the decision of the Design Review Board. If such date falls on a weekend or City holiday, then the deadline shall be extended until the next regular business day.



The Council Chambers in City Hall is ADA compliant. Devices for the hearing impaired are available from the City Clerk. Requests for disability related modifications or accommodations, aids or services may be made by a person with a disability to the City Clerk's office no less than 72 hours prior to the meeting as required by Section 202 of the Americans with Disabilities Act of 1990 and the federal rules and regulations adopted in implementation thereof.

If you have any questions regarding any of the following agenda items, please call the assigned planner or project manager at (707) 648-4326.

1. **CALL TO ORDER**

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL**

4. **CONSENT CALENDAR AND APPROVAL OF AGENDA**

Upon motion of any Board Member, all items placed upon the consent calendar may be acted upon collectively, and each shall be deemed to have received the action recommended by the Secretary or City Attorney; except that if any Board Member objects to the placement of an item on the consent calendar, or if any member of the public wishes to address the Board Member on any such item, the item shall be removed from the consent calendar and shall be heard and acted upon in its proper place on the agenda as designated by the Presiding Officer.

After making changes in the agenda, if any, as permitted under these rules of order and procedure, the Board Member shall approve the agenda which shall constitute the agenda of business to be considered at the meeting. The motion offered to approve the agenda shall include the adoption of the consent calendar.

A. APPROVAL OF AGENDA

B. APPROVAL OF MINUTES

a. June 13, 2024 – Regular Meeting

C. OTHER CONSENT ITEMS - None.

5. **REPORT OF THE CITY COUNCIL LIASION**

The City Council Liaison may, from time to time, wish to make announcements and report on items of activity that may be of interest to the Board and the general public.

6. **COMMUNITY FORUM**

The Presiding Officer shall announce that members of the public have the opportunity to directly address the Design Review Board on items of interest to the public that are within the subject matter jurisdiction of the Board and not on the current agenda. Up to fifteen (15) minutes shall be set aside for the community forum and each speaker shall be allocated up to three (3) minutes, unless time is extended by the Presiding Officer with the Board's consent. Items of business listed on the agenda shall not be further discussed under the community forum. Anyone desiring to address the Design Review Board may indicate such interest in one of the two ways listed below:

1. Any interested members of the public desiring to communicate with the Design Review Board for this item may approach the podium to speak when the Presiding Officer opens the Community Forum and indicate that they would like to do so.

*2. Any interested members of the public desiring to communicate with the Design Review Board for this item may do so via ZOOM:(<https://ZoomRegular.Cityofvallejo.net>), or by phone: Dial (669) 900-6833. Enter Meeting ID: 914 0075 0676#. Press * 9 to digitally raise your hand from the phone. For additional instructions on how to speak remotely during public comment, please visit www.cityofvallejo.net/publiccomment. Please know that in-person speakers will be recognized first.*

7. PUBLIC HEARING

- A. STATE ROUTE 29/ SONOMA BOULEVARD GATEWAY CORRIDOR IMPROVEMENTS
PLAN LIGHTING AND SITE FURNISHING SELECTION.

8. WRITTEN COMMUNICATIONS

Written communications from the public will be received and filed. Written communications regarding items on the agenda will be noted at the time the item is considered.

9. REGULAR REPORTS

A. SECRETARY'S REPORT

The Secretary may, from time to time, report on items that may be of interest to the Board and general public.

B. REPORT OF THE PRESIDING OFFICER AND MEMBERS OF THE DESIGN REVIEW BOARD

The Presiding Officer and any Board Member may, from time to time, wish to make certain announcements, request information from staff, and to report on items of activity that may be of interest to the Board and the general public.

C. REPORT OF THE SUBCOMMITTEES – NONE

10. OTHER AGENDA ITEMS - NONE

- A. The design review board will make a recommendation on the appropriate light fixtures and site furnishings for the State Route-29/Sonoma Boulevard (SR-29) complete streets project.
This is an informational item only; no action will be taken.

11. ADJOURNMENT

I, Jasmine Thibeaux, do hereby certify that I have caused a true copy of the above notice and agenda to be delivered to each of the members of the Vallejo Design Review Board, at the time and in the manner prescribed by law and that this agenda was posted at City Hall, 555 Santa Clara Street, CA at 5:00 p.m. on Monday, July 8, 2024.

Dated: July 8, 2024



Jasmine Thibeaux



MINUTES

VALLEJO DESIGN REVIEW BOARD REGULAR MEETING – 7:00 P.M.

Matthew Kennedy,
Chairperson
Micheal Eli
Oskar Lugtu
Jamiah Adams
Daniel Gordon

VIA TELECONFERENCE

June 13, 2024

www.cityofvallejo.net

1. CALL TO ORDER

The meeting was called to order by Chair Kennedy at 7:01 pm

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

Present: Chair Kennedy, Board Members Eli, Lugtu and Adams

Staff present: Cesar Orozco, Planning Manager and Laura Zagaroli, Assistant City Attorney, Richard Smeaton, Contract Planner

Absent: Board Member Gordon

4. APPROVAL OF AGENDA, MINUTES, AND CONSENT CALANDER

a. APPROVAL THE AGENDA

b. May 9, 2024 – Regular Meeting Minutes

c. OTHER CONSENT ITEMS - none

Board member Lugtu, second by Board Member Eli, moved to approve the Agenda, May9, 2024 -regular meeting Minutes, and the consent calendar, with the following vote:

Vote:

AYES: Chair Kennedy, Board Members Eli, and Lugtu

NOES: None

ABSENT: Board Member Gordon

ABSTAIN: Board Member Adams

5. REPORT OF THE CITY COUNCIL LIASION – None

6. COMMUNITY FORUM - None

7. PUBLIC HEARING

A. Project Location: Vacant site off Columbus Parkway (North of intersection of Columbus Parkway and Admiral Callaghan Lane) / APNs: 0182-020-010, -020, -080

Summary: The project consists of a General Plan Amendment, Zoning Code Map

Amendment, Planned Development, Major Use Permits, Development Review, Design Review, Tentative Map, Minor Exception, Landscape Review and Sign Permit for the Solano Ranch mixed-use development. The project will include a total of 31,886 square feet of commercial space distributed between five buildings, 264 multi-family residential units distributed between 10 buildings with an associated club house, 11-acres of open space with a seasonal wetland, and on-site improvements such as landscaping, lighting, pedestrian paths and off-street parking.

Contract Planner Smeaton gave an overview of the project.

The developer and their team was introduced and provided an overview of the project.

Board Members asked questions and staff and developer responded.

Chair Kennedy opened the public hearing.

PUBLIC SPEAKER: Monica Brown

Chair Kennedy closed the public hearing.

The Board deliberated the merits of the project, and a motion was made:

Motion: that the Design Review Board hereby recommends that the Planning Commission **APPROVE** Design Review (DR) 24-0006, Landscape Review (LR) 21-0001, and Sign Program (SP21-0001) based on the above findings, with the following conditions of approval:

- 1) Twenty-two (22) trees be added along the frontage of Auto Mall Parkway to meet the City's requirements;
- 2) Wall planting be planted along retaining walls six (6) feet or higher;
- 3) Provide detailed landscape plans with site development or building permit applications;
- 4) Reduce the width of building S1 by one (1) foot or incorporate the deviation in to the proposed Planned Development;
- 5) Reduce the proposed street light height to 14-feet in height and incorporate hardware to hang banners;
- 6) Provide additional information/cutsheets for the street furniture for the plaza spaces on each commercial lot; and
- 7) Prior to the issuance of Building Permit City Staff confirm the height and light placement of lights on the buildings.

Vote:

AYES: Chair Kennedy, Board Members Eli, Lugtu, and Adams

NOES: None

ABSENT: Board Member Gordon

ABSTAIN: None

8. WRITTEN COMMUNICATIONS – None

9. Regular Reports

a. SECRETARY'S REPORT

Secretary Orozco provided an update on the new Planning and Development Services Director starting on June 17, 2024.

b. REPORT OF THE PRESIDING OFFICER AND MEMBERS OF THE DESIGN REVIEW BOARD - None

c. REPORT OF THE SUBCOMMITTEES- NONE

10. OTHER AGENDA ITEMS – NONE

11. ADJOURNMENT

Chair Kennedy adjourned the meeting at 7:41 pm.

MATTHEW KENNEDY, CHAIRPERSON

ATTEST:

CESAR OROZCO,
SECRETARY TO THE DESIGN REVIEW BOARD



DATE: July 11, 2024
TO: Design Review Board
FROM: Cesar Orozco, Planning Manager
Mark Helmbrecht, Transportation Program Superintendent
**SUBJECT: STATE ROUTE 29/ SONOMA BOULEVARD GATEWAY CORRIDOR IMPROVEMENTS PLAN
LIGHTING AND SITE FURNISHING SELECTION**

RECOMMENDATION

The Design Review Board will make a recommendation to Staff on the appropriate light fixtures and site furnishings for the State Route-29/Sonoma Boulevard (SR-29) Complete Streets Project.

BACKGROUND AND DISCUSSION

On August 29, 2017, the City of Vallejo City Council adopted the Sonoma Boulevard Specific Plan (SBSP) which seeks to create a successful revitalization of Sonoma Boulevard from Curtola Parkway to Redwood Street. The SBSP is divided into sub-area I - Downtown, sub-area II – Central and sub-area III – North. Each sub-area has its own vision for the type of development and overall street scape including streetlights and street furniture.

Cal Trans, in collaboration with the Solano Transportation Authority and the City of Vallejo, is carrying out a Rehabilitation/Complete Street project on SR-29 from Interstate-80 to the Napa County Line. The Project includes cold planning, overlay, and pavement/crosswalk striping of the pavement. Complete street elements include class II/IV bike lanes, lane reduction, modified traffic signals, upgraded curb ramps, curb extension bulb outs/drainage modification, landscaping/irrigation/erosion control and street furnishings.

The City of Vallejo is working with a Cal Trans consulting team for the selection of the pedestrian scale lighting along the sidewalk on SR-29 between Pennsylvania Street and Alabama Street. The proposed work is within sub-area I – Downtown and sub-area II – Central. The SBSP envisions that the sub-area I - Downtown, sub-area II – Central (from Curtola Parkway to Mississippi Street) lighting shall be different from the historic acorn lights along Georgia Street, to maintain Georgias Streets distinct identity but can be similar in character to new the new fixtures on Virginia Street (see image one and two).

Image 1 – Georgia Street Lighting



Image 2 – Virginia Street Lighting



Cal Trans has provided City staff with a list of light recommendations for the proposed project. The proposed lighting ranges from standard powered lights to solar lights. Refer to the attachments for the different types of lighting available for the proposed work along the sidewalk on SR-29 between Pennsylvania Street and Alabama Street.

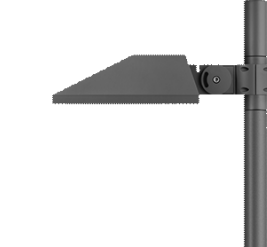
Attachments:

1. Sonoma Boulevard Specific Plan
2. City of Vallejo - Hwy 29 Rehab Project Pedestrian Pathway Lighting
3. First Light Technologies Brochure
4. Visionaire Lighting Brochure
5. Clear World Brochure

City of Vallejo - Hwy 29 Rehab Project Pedestrian Pathway Lighting

Prepared for Bennett Engineering

3/25/2024 - MJP / CAL Lighting

	Mfr.	Product / Description	Product Page	Spec Sheet Link
	Invue	ARB Arbor Post Top	https://www.cooperlighting.com/global/brands/invue/874566/arb-arbor-post-top	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/05702ce617a44e7992a3ad410081233f/Invue-ARB-Arbor-Post-Top.PDF
	Invue	ECM/EMM Epic Medium	https://www.cooperlighting.com/global/brands/invue/125501/ecm-emm-epic-medium	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/4faa6572981648ff903fad4100814875/Invue-ECM-EMM-Epic-Medium-LED-spec-sheet.PDF
	WE-EF	ASP530 LED	https://we-ef.com/us/products/family/asp530-led	https://we-ef.com/us/products/family/asp530-led
	WE-EF	PFL230 LED	https://we-ef.com/us/products/family/pfl230-led	https://we-ef.com/us/products/family/pfl230-led
	Invue	LXS LuxeScape Arm Mount	https://www.cooperlighting.com/global/brands/invue/1061825/lxs-luxescape-arm-mount	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/0f2c0b111bca47ae9af0ad4100815a3a/Invue-LXS-LuxeScape-Collection.pdf
	Invue	LXS LuxeScape Spider Mount	https://www.cooperlighting.com/global/brands/invue/1012745/lxs-luxescape-spider-mount	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/0f2c0b111bca47ae9af0ad4100815a3a/Invue-LXS-LuxeScape-Collection.pdf

		Selux	Beta Lantern	https://www.selux.us/usa/en/products/beta	https://www.selux.us/media/pages/products/beta/beta-pole-top-luminaire/be5a5c5455-1693928778/bll_ss.pdf
		Selux	Mistella	https://www.selux.us/usa/en/products/mistella	https://www.selux.us/media/pages/products/mistella/mistella-pole-luminaire/2fb4375dd8-1696249800/mst_ss.pdf
		Selux	Saturn 1 Led	https://www.selux.us/usa/en/products/saturn	https://www.selux.us/usa/en/products/saturn/saturn-technical-data
		Invue	CCP ClearCurve Pedestrian	https://www.cooperlighting.com/global/brands/invue/10039426/ccp-clearcurve-pedestrian	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/ac8ac962bdf74d3ab95fafb201041cba/CCP-ClearCurve-Pedestrian-Spec-Sheet.pdf
		McGraw-Edison	GPC Galleon Pedestrian Companion	https://www.cooperlighting.com/global/brands/mcgraw-edison/877941/gpc-galleon-pedestrian-companion	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/DCF081CD03194362A1Aead41008cdc57/McGraw-Edison-GPC-Galleon-Pedestrian-Luminaire-spec-sheet.pdf
		Lumark	PFPRV Prevail LED Pole and Fixture Combo	https://www.cooperlighting.com/global/brands/lumark/874800/pfprv-prevail-led-pole-and-fixture-combo	https://www.cooperlighting.com/api/assets/v1/file/Signify/content/4149811e671f4d9babecad410083671d/Lumark-PFPRV-Prevail-Combo.PDF
		McGraw-Edison	GALN Galleon II	https://www.cooperlighting.com/global/brands/mcgraw-edison/1098560/galn-galleon-ii	https://www.cooperlighting.com/api/assets/v1/file/CLS/content/458911b3598a4b17921cad52013de137/McGraw-Edison-GALN-Galleon-II-Spec-Sheet.pdf



FIRSTLIGHT

TECHNOLOGIES

Making Solar Lighting Simple™

Architectural-quality solar lighting
products for pedestrian applications

About Our Products

First Light Technologies specializes in the design and manufacture of architectural-quality, integrated solar LED lighting products for pedestrian and bikeway applications. We strive to make solar lighting effective, efficient, and simple to use.

Performance - It's all about our proprietary Energy Management System (EMS). Our lights "self-learn" what the solar environment is where they are installed, and predictively manage their output to ensure each light performs optimally in each location. We also have several lighting profiles to choose from, allowing you to tailor the light's operating profile to the needs of your lighting project.

Save money - The direct user benefits of our solar LED lights include: low installation cost and minimal site impact with no trenching, cabling, or wiring; minimal ongoing costs with no electrical bills; little or no maintenance with no bulbs to change; immune to power outages, and; providing a visibly green statement with no recurring carbon emissions.

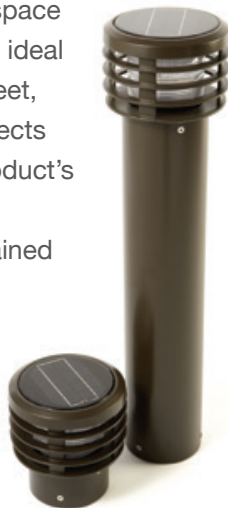
PLB Series Solar LED Bollard

The PLB series is the staple in the First Light bollard lineup. There are two different light output options to choose from. For path illumination with a concentrated light output, select the asymmetrical light distribution. If you prefer the light completely surrounding the fixture, great for identifying public spaces or monuments, then go with the symmetrical distribution. With clean contemporary lines, rugged construction, and high quality light output, the PLB series fits well into any project.



WLB Series Solar LED Bollard

When you need wayfinding, marking, or space delineating lighting, the WLB series is the ideal choice. Visible from a distance of 1,200 feet, the WLB provides a light source that projects light outwards versus downward. The product's daytime appearance is consistent with all First Light products with a fully self-contained construction.



IPL Series Solar LED Architectural Light

The pole-mounted IPL luminaire shatters the 'unattractive' stigma associated with solar lighting by seamlessly combining architectural-grade design with high-quality light output for your pedestrian/pathway lighting needs.

It's about safety - First Light's integrated pathway light adds an element of safety to unlit trails, walking paths and bikeways, enabling people to feel safer while hiking, walking and cycling/commuting in the evenings and early mornings. A rapidly growing number of towns, cities, universities, businesses, and advocacy groups want to see people become more active, and be safe while doing so.

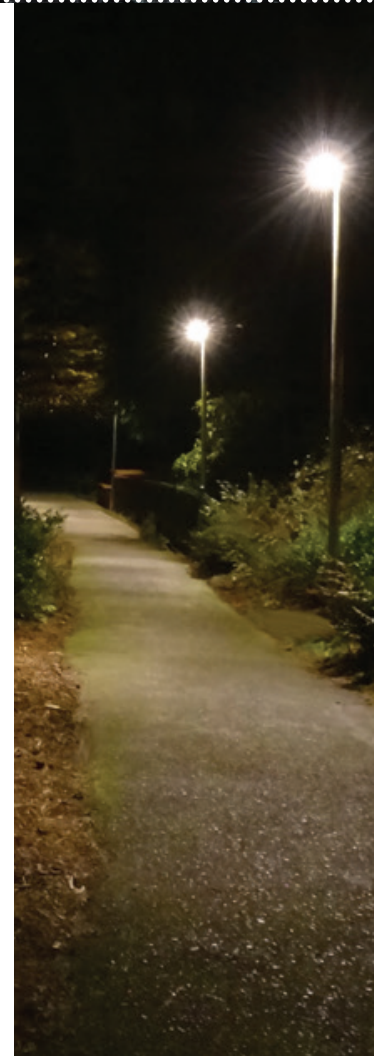
Not spoiling the view - The beauty of the outdoors is unparalleled, and at First Light our goal is to make our products suit the natural environment, not detract from it. We feel we've achieved this with our compact and attractive architectural design, which is uncommon in the solar lighting industry.



SCL Series Solar LED Commercial Light

The SCL Series Solar LED Integrated Area Light makes providing effective solar powered LED lighting easier, more reliable and cost effective than ever before. Leveraging our fully-integrated design philosophy and a proprietary self-learning energy management system, the SCL Series brings solar lighting to a large number of commercial lighting applications.

At a fraction of the size of similar lumen output solar lighting systems, the SCL Series provides high performance solar LED lighting in a functional and robust 'shoe-box' style fixture. The simple styling makes the SCL a perfect fit for a wide variety of commercial and industrial lighting applications. Shipping completely assembled, with all components conveniently housed within the head of the fixture, the SCL installs in minutes.



About Our Team

At First Light Technologies, we don't just talk a "green" story...we live it. Our rapidly growing team is comprised of individuals who are passionate about making the world a better place through the products we develop. We are equally passionate about our environment, and stay in touch with it through a wide array of people-powered activities including mountain biking, running, surfing, road cycling, camping, and hiking. We believe environmental stewardship isn't for future generations to worry about, rather it's a philosophy for us to embrace now to become role models for future generations.

About First Light Technologies

First Light Technologies is a privately held company based in Victoria, British Columbia, Canada. Individually and collectively, it is ingrained in our culture to strive to make the world a better place to live through our efforts. By locally engineering and manufacturing solar lighting solutions that are more cost-effective and have a smaller carbon footprint vs. conventional hardwired lighting, we believe that end users' needs are better met, and the state of the environment is no longer a lesser consideration.

"In February 2012 the Barron River flooded completely submerging four bollards on a walkway. I checked the lights out on the walkway last night. All four lights were found to be in full working order. This is remarkable considering what they went through and the fact that some were submerged for quite a while."

*Department of Transport and Main Roads,
North Queensland*

"We chose the PLB series bollard because of the high quality construction, lighting performance and ease of installation. An added benefit was the responsive customer service from the First Light team. We plan on using more First Light products in the future on existing running trails."

*Project Manager,
US Army Base, LA*

"We will be looking at other areas to utilize the bollards. The community loves the ambiance of the softly lit pathways. So I foresee more of these being installed in the near future. Thanks again for all of your help! You have provided excellent customer service and that means as much as the production of a fantastic product."

*CIP Construction Manager,
City of St. Pete Beach, FL*





Solar Vision

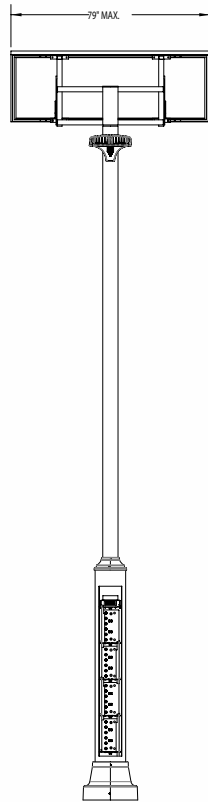
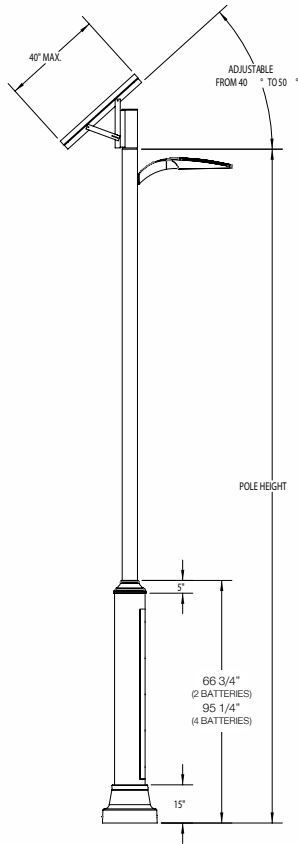
Solar Powered LED Lighting

The NEW Solar Powered Lighting System from Visionaire offers a robust LED Lighting System with a lumen package that rivals traditional lighting systems. Choose a lumen package that is maximized for your geographical area and matched with batteries and solar panels for maximum energy utilization and efficiency. One complete system from top to bottom supplied by Visionaire Lighting

Key Features:

- Five different fixture designs to choose from.
- Multiple optical distributions for all applications.
- Factory preset lighting profiles, or customized to your needs.
- Lumen packages of 3,500, 5,200, or 8,800 Lumens.
- Prewired electrical system for ease of installation.
- Maximum Power Point Tracker Technology with MPPT industrial solar charge controller.
- Industrial grade LED-Driver with timer and dimming functions.

Solar Vision Pole Base Battery Mount

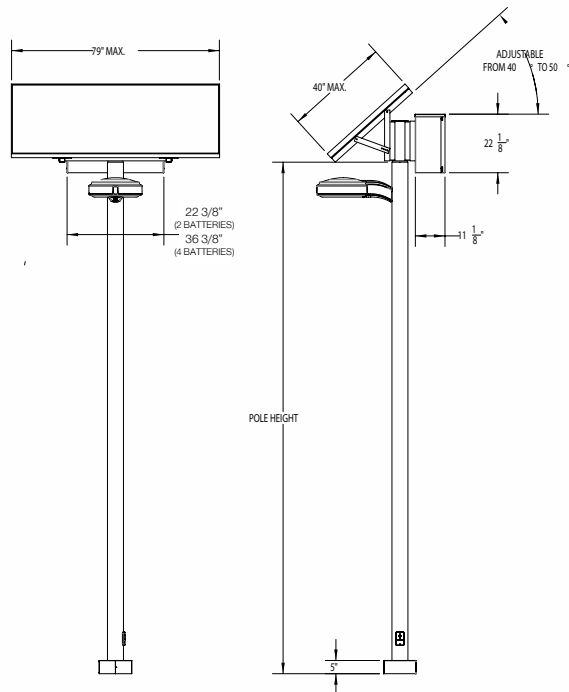


Solar Vision Base Battery Mount

MODEL	BATTERY	HEIGHT	# LEDs	MILLIAMPS	FINISH	LUMINAIRE	OPTIONS
SVB	2 (2)	14' (14)	80 (80LC)	70 (7)	SILVER METALLIC (SL)	ROADWAY LX (RLX)	
	4 (4)	16' (16)		110 (11)	UTILITY GREY (UG)	ARIA (ARI-1-L)	
		18' (18)		140 (14)	BRONZE (BZ)	PARKINGSTAR II (PST-2-L)	
		20' (20)		210 (21)	BLACK (BK)	VMX (VMX-1)	
		22' (22)		280 (28)	WHITE (WH)	Oden (ODN-2L)	
				350 (35)	FOREST GREEN (FG)		
					GREY (GY)		
					CUSTOM COLOR (CC)		

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.

Solar Vision Pole Mounted Battery Enclosure



Solar Vision Pole Mount Battery Enclosure

MODEL	BATTERY	HEIGHT	# LEDs	MILLIAMPS	FINISH	LUMINAIRE	OPTIONS
SVE	2 (2)	14' (14)	80 (80LC)	70 (7)	SILVER METALLIC (SL)	ROADWAY LX (RLX)	
	4 (4)	16' (16)		110 (11)	UTILITY GREY (UG)	ARIA (ARI-1-L)	
		18' (18)		140 (14)	BRONZE (BZ)	PARKINGSTAR II (PST-2-L)	
		20' (20)		210 (21)	BLACK (BK)	VMX (VMX-1)	
		22' (22)		280 (28)	WHITE (WH)	Oden (ODN-2L)	
				350 (35)	FOREST GREEN (FG)		
					GREY (GY)		
					CUSTOM COLOR (CC)		

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.



19645 Rancho Way . Rancho Dominguez, CA 90220
310.512.6480 www.VisionaireLighting.com



LIGHTING THE WAY IN SOLAR LED TECHNOLOGY

RELIABLE EVEN WHEN THINGS GO WRONG

Unlike traditional street lighting,
ClearWorld's solutions operate

OFF-THE-GRID

meaning that in the event of a power
outage, residents won't be left
in the dark.

REDUCE/ELIMINATE COSTS IMMEDIATELY

ClearWorld's patented universal
retro-fit design operates at

70-100% LESS

than the cost associated with
traditional street lighting.

ENVIRONMENTALLY RESPONSIBLE

ClearWorld's solar LED technology

ELIMINATES

the carbon footprint of a
traditional utility light pole.

THE PATENTED RETROFIT COMPONENTS, DIMENSIONS, PARTS AND PIECES

We are all about options at ClearWorld. Our lights come in multiple sizes and shapes. We are focused on design and beauty, as we believe that streetlights should have nice architecture and style - keeping your area beautiful. The display shows how our lights are structured and the various components within the array. The aesthetically pleasing and resilient design minimizes wind impact and maintenance compared to flat panel solar solutions.



RETROFLEX™ 
SOLAR

- Components**
1. LED Streetlight
 2. Solar Charge Controller/Regulator
 3. Rechargeable Lithium Ion Battery Pack
 4. Universal Adjustable Aluminum Array

RETROFLEX™ : Next Generation

Available Heads

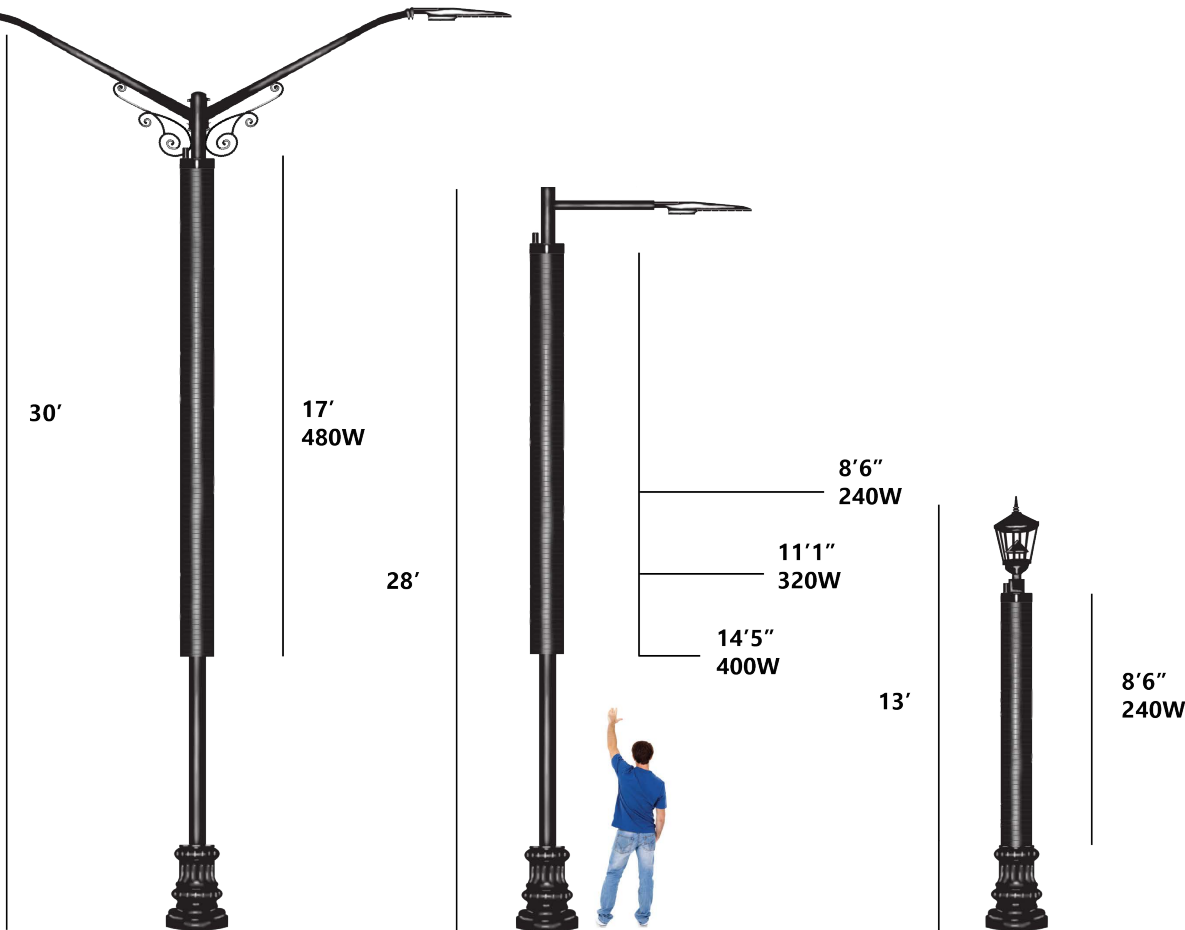
Flood Light



Parking Lot Light



Street Light



Specifications	RW240	RW240X2	RW320	RW400	RS240	RS320
Description	Roadway 240W	Roadway 240W Dual Head	Roadway 320W	Roadway 400W	Residential 240W	Residential 320W
Model #	RW2402460-OG	RW2402460X2-OG	RW3202475-OG	RW4002475-OG	RS2402460-OG	RS3202475-OG
Hardware	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array
Flexible CIGS Thin Film Solar Panels	240W	480W	320W	400W	240W	320W
Battery Pack	24V, 60AH Lithium Ion	24V, 60AH Lithium Ion	24V, 75AH Lithium Ion	24V, 75AH Lithium Ion	24V, 60AH Lithium Ion	24V, 75AH Lithium Ion
Charge Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller
Lighting Control fully programmable with dimming	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth
LED Light	37.5W LED, 144-162 Lumens per watt	2x 37.5W LED, 144-162 Lumens per watt	37.5W LED, 144-162 Lumens per watt	60W LED, 144-162 Lumens per watt	30W LED, 144-162 Lumens per watt	30W LED, 144-162 Lumens per watt
Dimensions (length)	8'6"	17'	11'1"	14'5"	8'6"	11'1"
Weight (lbs)	74	148	82	93	74	82

Please call for more detailed specifications and drawings