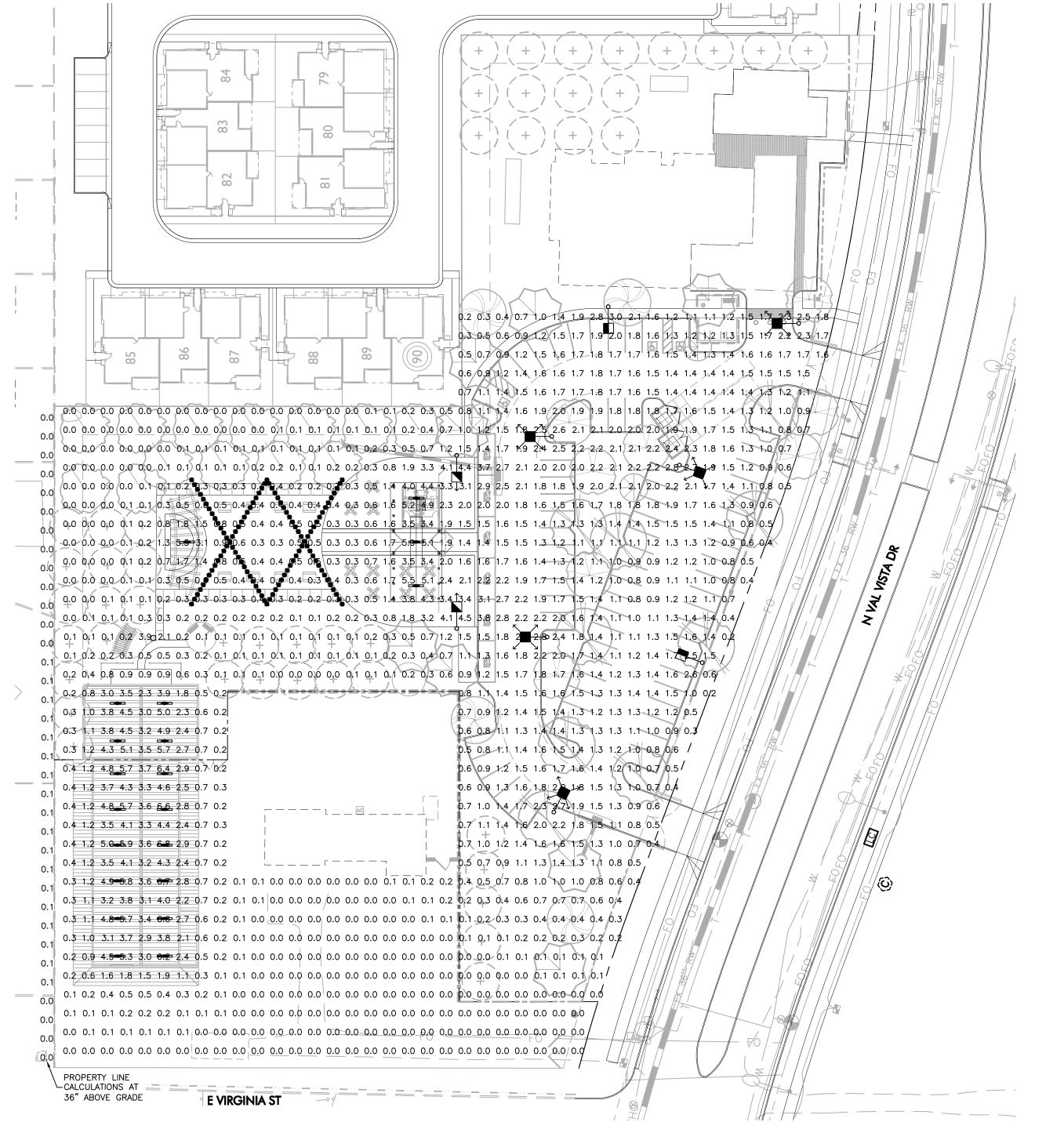
AGRITAINMENT DISTRICT AT PIONEER CROSSING

SITE PHOTOMETRIC PLAN 3403 N VAL VISTA DR MESA, ARIZONA



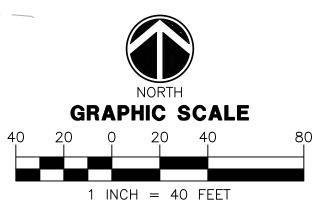
CALCULATIONS

SITE
1162 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES
Average 1.1
Maximum 6.8
Minimum 0.0
Avg:Min N/A
Max:Min N/A
Coef Var 1.13
UnifGrad N/A

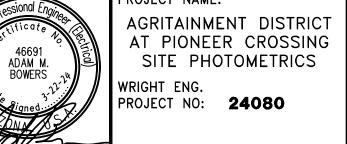
PROPERTY LINE
70 points
HORIZONTAL FOOTCANDLES
Average 0.1
Maximum 0.2
Minimum 0.0
Avg:Min N/A
Max:Min N/A
Max:Min N/A
Coef Var 0.98

PHOTOMETRIC LEGEND

- PARKING LOT LIGHT
 COOPER LIGHTING McGRAW-EDISON
 GALN-SA1B-730-U-SL3
 candela file 'GALN-SA1B-730-U-SL3_5197 lumens.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 1.000, watts per luminaire = 44
 mounting height= 20 ft
 number locations= 6, number luminaires= 6
 kw all locations= 0.3
- PARKING LOT LIGHT
 COOPER LIGHTING McGRAW-EDISON
 GALN-SA2C-730-U-5WQ
 candela file 'GALN-SA2C-730-U-5WQ_13476 lumens.ies'
 32 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 1.000, watts per luminaire = 108
 mounting height= 20 ft
 number locations= 15, number luminaires= 15
 kw all locations= 1.6
- AREA LIGHT
 COOPER LIGHTING McGRAW-EDISON
 GALN-SA1B-730-U-SL4
 candela file 'GALN-SA1B-730-U-SL4_5133 lumens.ies'
 16 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 1.000, watts per luminaire = 44
 mounting height= 15 ft
 number locations= 2, number luminaires= 2
 kw all locations= 0.1
- FESTOON LIGHT
 ALUZ LIGHTING
 A5-ZOZO-STN-24-27K-GSF-WET
 candela file 'ML2000-27K-GSF-1W.ies'
 1 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 1.000, watts per luminaire = 1
 mounting height= 12 ft
 number locations= 106, number luminaires= 106
 kw all locations= 0.1
- RAMADA LIGHT
 Luminaire LED
 VPF4 2FT 20W 40K CLP
 candela file 'VPF4_2FT_20W_40K_CLP.ies'
 1 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 1.000, watts per luminaire = 21
 mounting height= 12 ft
 number locations= 58, number luminaires= 58
 kw all locations= 1.2
- BOLLARD LIGHT
 Visionaire Lighting LLC luminaire
 candela file 'EDS-1A_COG_20LC_3_3K.ies'
 1 lamp(s) per luminaire, photometry is absolute
 Light Loss Factor = 1.000, watts per luminaire = 20
 mounting height= 3 ft
 number locations= 1, number luminaires= 1
 kw all locations= 0.0







DESIGN BY: JDK PH1





McGraw-Edison

GALN Galleon II Area / Site Luminaire

roduct Features

Product Certifications

Connected Systems

WaveLinx Lite

WaveLinx

Interactive Menu

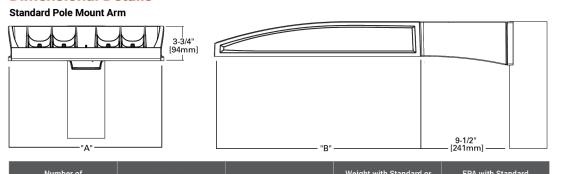
- Ordering Information page 2 Mounting Details page 3
- Optical Distributions page 5 • Product Specifications page 5
- Energy and Performance Data page 6 • Control Options page 11

Quick Facts

 Lumen packages range from 3,300 - 73,500 (33W - 552W) 17 optical distributions

Efficacy up to 159 lumens per watt

Dimensional Details Standard Pole Mount Arm





Nisit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified.
 DA Certified (3000K CCT and warmer only, fixed mounting options)

OOOPER

PS500052EN page 1 September 29, 2023 1:22 PM

GALN Galleon II

SWPD5-XX-WaveLinx Sensor, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting 12, 13, 14, 19

Pole Drilling Pattern

Ordering Information SAMPLE NUMBER: GALN-SA4C-740-U-T4FT-GM

VIcGraw-Edison

Product Family ^{1, 2}	Light Engine		Color	Voltage	Distribution	Mounting	Finish
	Configuration	Drive Current	Temperature	Voltage	Distribution	Mounting	FIIIISII
GALN=Galleon II BAA-GALN=Galleon II Buy American Act Compliant ²⁷ TAA-GALN=Galleon II Trade Agreements Act Compliant ²⁷	SA1=1 Square SA2=2 Squares SA3=3 Squares SA4=4 Squares SA5=5 Squares SA6=6 Squares SA7=7 Squares SA8=8 Squares SA9=9 Squares	A=600mA B=800mA C=1000mA D=1200mA 4.17 Z=Configured ³³	722=70CRI, 2200K 727=70CRI, 2700K 730=70CRI, 3000K 735=70CRI, 3500K 740=70CRI, 4000K 750=70CRI, 6000K 827=80CRI, 2700K 830=80CRI, 3000K 840=80CRI, 3500K 840=80CRI, 4000K 930=90CRI, 3500K 940=90CRI, 4000K 940=90CRI, 4000K 950=90CRI, 5000K	U=120-277V H=347V-480V 7, 30 1=120V 2=208V 3=240V 4=277V 8=480V 7, 30 9=347V 7 DV=277V-480V DuraVolt Drivers 29, 30, 31	T1=Type I T2=Type II T2R=Type II Roadway T3=Type III Roadway T3=Type III Roadway T4FT=Type IV Forward Throw T4W=Type IV Wide SNQ=Type V Square Medium SWQ=Type V Square Medium SWQ=Type II w/Spill Control SL3=Type III w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SL4=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	[Blank]=Standard Pole Mount Arm QU=Quick Mount Universal Arm QM=Pole Mount Arm with Quick Mount Adaptor PA=Pole Mount, Adjustable SP=3" Slipfitter, Adjustable ⁸ SP2-2-3/8" Slipfitter, Adjustable ⁸ QMA=Quick Mount Mast Arm, Fixed MA=Mast Arm, Fixed WM=Wall Mount, Fixed WA=Wall Mount, Adjustable UP=Upswept Arm	AP=Grey BZ=Bronze BK=Black DP-Dark Platinum GM=Graphite Metallic WH=White RALXX=Custom Color

Compilant	SA8-8 Squares SA9-9 Squares		827=80CRI, 2700K 830=80CRI, 3000K 835=80CRI, 3500K 840=80CRI, 4000K 930=90CRI, 3000K 940=90CRI, 3500K 940=90CRI, 4000K 950=90CRI, 5000K AMB=Amber, 590nm 15, 17	9=347V 7 DV=277V-480V DuraVolt Drivers 29, 30, 31	SNQ=Type V Narrow SMQ=Type V Square Medi SWQ=Type V Square Wide SL2=Type II w/Spill Contro SL3=Type II w/Spill Contro SL4=Type II w/Spill Contro SLL=90° Spill Light Elimin SR=90° Spill Light Elimin RW=Rectangular Wide Typ AFL=Automotive Frontline	ol ol ol ator Left ator Right e I	QMA=Quick Mount Mast Arm, Fixed MA=Mast Arm, Fixed WM=Wall Mount, Fixed WA=Wall Mount, Adjustable UP=Upswept Arm	RALAN-GUSIGIII G
Ор	tions (Add as Suffix)		Control	s and Systems Options (Add	as Suffix)		Accessories (Order Separat	ely) ²⁸
DIM=External 0-10V Dir F=Single Fuse (120, 27 FF=Double Fuse (208, 2 20K=20kV UL 1449 fus 2L=Two Circuits 10 HA=50°C High Ambien HSS=Installed House S GRSBK=Glare Reducin LCF=Light Square Trim TH=Tool-less Door Har CC=Coastal Constructi L90=Optics Rotated 90 R90=Optics Rotated 90 AHD145=After Hours D AHD245=After Hours D AHD255=After Hours D DALI=DALI Drivers	7 or 347V Specify Volta 4.40 or 480V Specify Vol ed surge protective dev t ide Shield 18 1 Shield, Black 23 2 Shield, White 23 Painted to Match Hous dware 5 on finish 3 * Left * Right im, 5 Hours 22 im, 7 Hours 22 im, 7 Hours 22	ltage) vice ¹⁰	PR-NEMA 3-PIN Photocor PR7=NEMA 7-PIN Photocor PR7=NEMA 7-PIN Photocor FADC=Field Adjustable Dir PSC=Photocontrol Shortin SPB2=Dimming Motion Se SPB4=Dimming Motion Se SPB4/X=Dimming Motion Se SPB4/X=Dimming Motion Sens MS/DIM-L20=Motion Sens MS/DIM-L40=Motion Sens MS/DIM-L40=Motion Sens ZW=WaveLinx-enabled 4-PI ZW-WOBXX=WaveLinx Lite Programmable, 7-15' Mo ZW-WOFXX=WaveLinx Lite Programmable, 15' - 40' M ZD-WOFXX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-WOFXX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-WOFXX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD4XX=WaveLinx Lite Programmable, 7' - 15' Mo ZN-SWPD4XX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD5XX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD5XX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD5XX=WaveLinx F	ontrol Receptacle ²¹ mming Controller ³² g Cap ensor, 9'-20' mounting ²⁴ ensor, 21'-40' mounting ²⁴ ensor, 21'-40' mounting ²⁴ Sensor, limited square count, Sensor, limited square count, Sor for Dimming Operation, 21 PM Twistlock Receptacle ¹⁹ N Twistlock Receptacle ¹⁹ N Twistlock Receptacle ¹⁹ e, Dimming Motion and Daylig unting ^{19, 12} e, Dimming Motion and Daylig ounting ^{19, 12} e, SR Driver, Dimming Motion a ounting ^{19, 12} Pro, Dimming Motion and Day Pro, SR Driver, Dimming Motion unting ^{19, 12} pro, SR Driver, Dimming Motion unting ^{19, 12} pro, SR Driver, Dimming Motion pro, SR Driver, Dimming Motion unting ^{19, 12} pro, SR Driver, Dimming Motion	9'-20' mounting ²⁴ 21'-40' mounting ²⁴ 20' Mounting ³⁴ -40' Mounting ³⁴ -40' Mounting ³⁴ nt, Bluetooth nt Daylight, Bluetooth nd Daylight, Bluetooth ight, WAC Programmable, ight, WAC Programmable, i and Daylight, WAC n and Daylight, WAC	OA/RA10 OA/RA10 OA/RA10 OA/RA10 OA/RA10 MA1252: MA1036- MA1037- MA1197- MA1188- MA1190- MA1191- MA1038- MA1039- MA1192- MA1193- MA1194- MA1195- SRA238- tenon FSIR-100 LS/HSS= LS/GRSB LS/GRSB LS/GRSB LS/GRSB LS/GRSB US/PFS=I WOLC-7F WOB-XX: Bluetoott WOF-XX: Bluetoott	16=NEMA Photocontrol Multi-Tap - 10 27=NEMA Photocontrol - 480V 01=NEMA Photocontrol - 347V 13=Photocontrol - 347V 14=120V Photocontrol 10kV Surge Module Replacement XX=Single Tenon Adapter for 2-3/8" XX=3@10° Tenon Adapter for 2-3/8" XX=3@00° Tenon Adapter for 2-3/8" XX=2@00° Tenon Adapter for 2-3/8" XX=2@120° Tenon Adapter for 2-3/8" XX=3@00° Tenon Adapter for 2-3/8" XX=3@00° Tenon Adapter for 3-1/2" XX=3@120° Tenon Adapter for 3-1/2" XX=3@120° Tenon Adapter for 3-1/2" XX=3@00° Tenon Adapter for 3-1/2" Adapter kit for mounting 3° SP arm to =Wireless Configuration Tool for MS/ =ield Installed House Side Shield, 9-18 K-2PK =Glare Reducing Shield, Black 19-10A=WaveLinx Outdoor Control Moter Standard Shield, Sh	D.D. Tenon O.D. Tenon D.D. Tenon O.D. Tenon

responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our 1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WPS13001E No additional support information.
2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with TH option.
4. Drive current 1200mA not available with color temperatures 722, 727, 827, 830 or 930 when the HSS option is selected.
5. TH option not 3G rated. Not available with Coastal Construction (CC) option.
6. Not available with voltage options H, 8 or 9.
7. Requires the use of an internal step down transformer when combined with sensor options. Not available in combination with the HA high ambient and sensor options at 1A.
8. SP arm limited to 3" OD. vertical tenon. SP2 limited to 2-3/8" O.D. vertical tenon.
9. One required for each Light Square.
10. 2L is not available with SP8 at 347V or 480V. Not available with WaveLinx or Enlighted sensors, or 20kV surge option.
11. Requires PR7.
22. Replace XX with sensor color (WH, BZ or BK.)

19. Cannot be used with other control options.
20. Low voltage control lead brought out 18" outside fixture. Not available with DALI or integrated controls options
21. Not available if any SPB, LWR, or WaveLinx sensor is selected. Motion sensor has an integral photocell.
22. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory.
23. Not for use with 17, 174F, 174W or SL4 optics.
24. Sensor configuration mobile application required for configuration. See controls page for details.
25. Replace X with number of Light Squares controlled by the SPB, referencing the "SPB/X Availability Table" on the controls page.
26. Not available with HSS, GRSWH or GRSBK.
27. Only product configurations with these designated prefixes are built to be considered with the Canada and the controls are seen as a controlled product configurations with these designated prefixes are built to be considered with the Canada and the C 11. Requires PR7.

12. Replace XX with sensor color (WH, BZ or BK.)

13. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for LC Bluetooth sensors.

14. Requires ZW or ZD receptacle.

15. Narrow-band 590nm +/- Smm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with SWQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS ontion. Consult factory for further information.

29. DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signity.com/duravolt for more information.

30. 480V not to be used with ungrounded or impedance grounded systems.

31. Not available in 1 square configuration at 800mA or below. Not available with any control option except SPB.

32. Cannot be used with PR7 or other motion response control options.

33. Use GALN Product Configurator to specify lumen output, drive current and wattage. Not available with AMB.

34. Uses the FSP-211 motion sensor. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information. option.
16. Set of 4 pcs. One set required per Light Square.

17. Not available with HA option.
18. Not for use with T1, 5NQ, 5MQ, 5WQ or RW optics.
19. Cannot be used with other control options.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Calliera Type	Dat	a Dackilaui
L=LumenSafe Technology	D=Standard Dome Camera H=Hi-Res Dome Camera Z=Remote PTZ Camera	C=Cellular, No SIM A=Cellular, AT&T V=Cellular, Verizon S=Cellular, Sprint	R=Cellular, Rogers W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking



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CANOPY OPTIONS (Click Image to See Individual Submittal)





SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series		Spacing	Spacing Lamp		Dimming	Listing	Luminaire Length
Standard (No Canopy)	Bell Canopy	12" on Center (12")	2700K, G-Shape (27K-GSF)	5000K, G-Shape Filament (50K-GSFL)	Forward Phase	Indoor	Specify Length in Fee
(A5-ZOZO-STN)	(A5-ZOZO-BLL)	18" on Center (18")	5000K, G-Shape (50K-GSF)	2700K, S-Shape Frosted (27K-SSF) (DM)		(DRY)	Example: 100'
Round Canopy	Flat Canopy	24" on Center (24")	Red, G-Shape (R-GSF)	5000K, S-Shape Frosted (50K-SSF)	Leave Blank	Outdoor	
(A5-ZOZO-RND)	(A5-ZOZO-FLT)	36" on Center (36")	Green, G-Shape (G-GSF)	Orange, S-Shape Frosted (OR-SSF)	for Non-Dimming	(WET)	
Round Canopy with Cage	Mesh Canopy	48" on Center (48")	Blue, G-Shape (B-GSF)	2700K, S-Shape Clear (27K-SSC)			
(A5-ZOZO-RNC)	(A5-ZOZO-MSH)	60" on Center (60 ")	Amber, G-Shape (A-GSF)	5000K, S-Shape Clear (50K-SSC)			
Cone Canopy	Barrel Canopy		2400K, G-Shape Filament (24K-GSFL)	Red, S-Shape Clear (R-SSC)			
(A5-ZOZO-CON)	(A5-ZOZO-BRL)		2700K, G-Shape Filament (27K-GSFL)	Green, S-Shape Clear (G-SSC)			
Cone Canopy with Cage	Hat Canopy		3000K, G-Shape Filament (30K-GSFL)	Blue, S-Shape Clear (B-SSC)			
(A5-ZOZO-COC)	(A5-ZOZO-HAT)		3500K, G-Shape Filament (35K-GSFL)	Amber, S-Shape Clear (A-SSC)			·
			4000K, G-Shape Filament (40K-GSFL)	No Lamps* ¹ (NL)			

*¹ Lighting will be shipped without lamps.

LAMP OPTIONS

1170 N Red Gum St, Anaheim, CA 92806 💢 aluz.lighting 🖾 info@aluz.lighting 📞 866.ALUZ.LTG | 714.535.7900 © ALUZ All Rights Reserved. ALUZ reserves the right to make changes or withdraw specifications without prior notice. **Specification Submittal** Page 1 of 4 6 / 13 / 2023 / Rev 14

A5 Series | String / Festoon **ZOZO** Standard (A5-ZOZO-STN)

A5 Series | String / Festoon

Indoor and Outdoor

Standard 6' Power Lead

Dry or Wet Location

Forward Phase

-25°C to +45°C (-13°F to +113°F)

250' without Canopies 100' with Canopies

20 Amps (12 Gauge Wire)

1W or 3W Lamps (+/- 0.25W Tolerance)

Built to Order (+/- 1/8" Tolerance)

Cable (Included, Not for Mounting)

ANSI/UL1598 CSA 22.2 No. 250.0-04, 2nd Edition

Mesh, Canopies, or Cages Sun Light Resistance Link to Installation Instructions

Mounting Aircraft Cable (Sold Separately)

ZOZO Standard (A5-ZOZO-STN)

GENERAL FEATURES

Applications

ELECTRICAL

Luminaire Voltage 120V

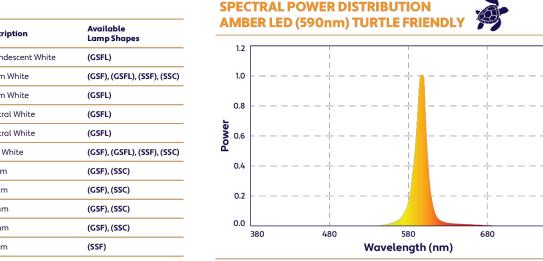


			├ 1.70" →	← 1.70" →
Lamp Name & Product Code	G-Shaped Lamp (GSF)	G-Shaped Filament Lamp (GSFL)	S-Shaped Lamp (SSF)	S-Shaped Clear Lamp (SSC)
Lamp Type	Standard LED	Filament LED	Standard LED	Standard LED
Material	Polymer Plastic	Glass	Polymer Plastic	Polymer Plastic
Lamp Life	20,000 hrs.	25,000 hrs.	20,000 hrs.	20,000 hrs.
Lumens	42	256	42	42
Beam Angle	360°	360°	360°	360°
Appearance	Frosted	Clear	Frosted	Clear, Textured
CCT & Colors	27K, 50K, R, G, B, A	24K, 27K, 30K, 35K, 40K, 50K	27K, 50K, OR	27K, 50K, R, G, B, A
Lamp Watts	1\\	3///	1\A/	1W

LAMP SPECIFICATIONS

AIVIP .	SPECIFICATION	13	
mp Jmber	Correlated Color Temperature	Description	Available Lamp Shapes
K	2400 Kelvin	Incandescent White	(GSFL)
K	2700 Kelvin	Warm White	(GSF), (GSFL), (SSF), (SSC)
K	3000 Kelvin	Warm White	(GSFL)
K	3500 Kelvin	Neutral White	(GSFL)
K	4000 Kelvin	Neutral White	(GSFL)
K	5000 Kelvin	Cool White	(GSF), (GSFL), (SSF), (SSC)
	Red	621nm	(GSF), (SSC)
	Green	525nm	(GSF), (SSC)
	Blue	470nm	(GSF), (SSC)
	Amber	590nm	(GSF), (SSC)
3	Orange	610nm	(SSF)

Note: Lamp dimensions are subject to change without notice. +/- 0.25W Wattage Tolerance.



1170 N Red Gum St, Anaheim, CA 92806

💢 aluz.lighting 🔀 info@aluz.lighting 📞 866.ALUZ.LTG | 714.535.7900

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Specification Submittal Page 2 of 4 6 / 13 / 2023 / Rev 14





Vandal Resistant VPF4 Series LED

SPECIFICATIONS

Description

S	UL Listing	ADA Compliant	DA
The Vision VPF4 series features an all aluminum, ligature r			

be used in nearly any enviornmental condition. Designed in conjunction with an opthalmologist, the polycarbonate lens provides complete control of glare and LED image while maintaining the high efficiency of clear optical material. The Vision VPF4 series can be row mounted to any length. Natatorium finish is standard for all versions of this fixture. Marine grade heat treated extruded aluminum. Finished with Super Durable Corrosion Resistant powder coat (SDCR) that meets AAMA 2605 high performance specification, providing superior UV durability and corrosion resistance. Salt spray test: 4,000 hours.

Extruded UV stabilized polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.

Die cast marine grade aluminum with conduit knockouts that are visible from interior of end cap. **End Caps Drivers** Dimming to 1%, 10% or Programable Lumen Output driver options. Non-Dimming Driver

Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L₇₀ projected life of over 130,000 hours at 50°C.

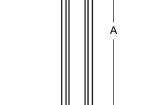
U.L., C.UL. Damp Location Listing standard, Wet Location Listing optional. **Buy American Act**Luminaire LED, LLC products are assembled in the USA. Our products meet the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Lifetime warranty against vandalism. Luminaire LED will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. **10-year** warranty on LED boards against operational defects. Tested in accordance with LM-80. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

DIMENSIONAL DATA

	Α	В	С
VPF4 1FT	15.50	4.35	2.70
VPF4 2FT	26.10	4.35	2.70
VPF4 3FT	37.88	4.35	2.70
VPF4 4FT	49.69	4.35	2.70



←B→

One Lithonia Way, Conyers GA 30012 | 1.800.705.SERV (7378) | www.luminaireled.net © 2020-2023 Acuity Brands Lighting, Inc. All rights reserved.

LUMINAIRE-LED-VISION-VPF4-LED Page 1 of 5

VISION **VPF4**

Vandal Resistant

VPF4 Series LED

ORDERING INFORMATION Example: VPF4 4FT MIN1 40W 27K 120 CLP WHT VPF4 Vandal Resistant 4" Wide 1FT MIN1 ^{2,3} Dimming to 1% 5W 20W 40W 500LM - 5800LM - Lumens 27K 2700K available in 100LM increments MIN10^{2,4} Dimming to 10% 10W 25W 50W 30K 3000K Lumens required if PRD driver chosen NODIM Non-Dimming Driver 15W 30W 35K 3500K Driver Programmed to Specific Lumen Output, Consult Factory 40K 4000K Required for all drivers except PRD driver 50K 5000K

Voltage*		Lens*		Finish*	
120 277 MVOLT 347 ³	120 Volt 277 Volt 120-277 Volt 347 Volt	CLP OP	Clear Prismatic Opal	BLK WHT BRZ GRY SIL CUST RALTBD	Black White Bronze Gray Silver Custom Color, Consult Factory Ral Paint finishes for pricing only. Replace with
				applicable	le RAL call out when ready to order. RAL BROCHURE for available options

OPTIONS

Emergency ⁴								
EMB310 ³	Self contained, 90 1200 lumens	minute emergency battery page	ck. 0°C (32°F) to 55°C (131	°F).	EMB20R 6,7	Remote mounted micro i 0°C (32°F) to 45°C (113°	inverter that will operate a 25W maximum load for 90 min. °F).	
EMB310ST ³	Self-testing, self c 0°C (32°F) to 55°C	ontained, 90 minute emergend C (131°F). Meets CA Title 20 St	y battery pack. andards. 1000 lumens	ı	EMB125R ⁶	Remote inverter that will 20°C (68°F) to 30°C (86°	l operate a maximum 125W load for 90 min. °F).	
EMB10ST ³		ontained, 90 minute emergend C (131°F). Meets CA Title 20 St		I	EMB250R ⁶	Remote inverter that will operate a 250W maximum load for 90 min. 20°C (68°F) to 30°C (86°F).		
EMB310T20 ³	Self contained, 90 0°C (32°F) to 55°C	minute emergency battery pac C (131°F). Meets CA Title 20 st	ck. andards. 1200 lumens	l	EMB375R ⁶	Remote inverter that will operate a 375W maximum load for 90 min. 20°C (68°F) to 30°C (86°F).		
Pendant Type/I	Length	Back Box	Environment	Fusing		Photocell	Sensors	

COR Corner mounted WL 8.9 Wet Location GLR 10 Fuse and PC 10 Photoelectric OCCBT 4.5.11 Bluetooth connected microwave occupancy RG___^{8,9} (12" - 96") sensor mounted behind the lens. All LED board sensored to dim to 50%, 40%, 30%, 20%, or 10%, field selectable low levels. Consult factory Order in 12" increments up to 96".

Hardware DRPCP^{8,9} Aluminum drip cap finished with white polyester powder coat to be used when pendant mounted PHSC Phillips Head instead of TORX® head powder coat to be used when pendant mounted

Ord	ering Notes
	See Size and Wattage Chart.
	Not available with 5W or 10W.
3.	Not available with 1FT, 2FT or 3FT.
4.	Not available with 347V.
5.	Not available with 1FT.
6.	Not available with MVOLT.
7.	Not available with Lumens over 1900 LM.
8.	Not available with COR.
	WL and DRPCP is required with Rigid Stems (RG_).
	Not available with MVOLT or 347.
11.	Not available with any Emergency Battery Pack.

ccessories: Order as separate catalog number. TXSD TORX® Screwdriver Bit Initial shipment includes one (1) TXSD per fixture

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LUMINAIRE-LED-VISION-VPF4-LED Rev. 08/30/23 Page 2 of 5

ENDURASCAPE Bollard LED Specifications



Catalog Number:

The **Endurascape** series of concrete bollards are designed to enhance and blend with architectural and natural landscapes. Beautifully crafted with textured finishes in a variety of shapes and cast grill louver designs. Optics provide smooth, 360-degree symmetrical low level illumination. Durably built for weather and vandal resistance. Ideal for walkways, entrances, promenades, plazas, courtyards, driveways, bridges and landscaped areas.

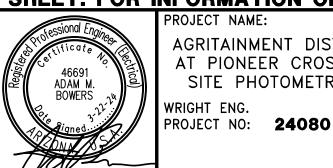
Ordering Information

VISIONAIRE LIGHTING

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
EDS-1A 8" Round EDS-1B 11" Round EDS-2 11" Round Flat Top EDS-3A 11" Square EDS-4A 11" Square Pyramid Top	COG 45° Cutoff Grill 8" Only COG 45° Cutoff Grill 11" Only HZG Horizontal Grill 11" Only	20LC	3 350mA 5 530mA 7 700mA	3K 3000K 4K 4000K 5K 5000K	UNV 120-277V	AB Anchor Base Consult Factory	Louver Colors BZ Bronze BK Black WH White FG Forest Green GY Grey SL Silver Metallic CC Custom Color Concrete Textures LT Light MD Medium HV Heavy	ILS Internal Light Shield

ELECTRICAL ENGINEERING AND DESIGN 165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225

PHONE 480.497.5829 • FAX 480.497.5807 PHOTOMETRIC CALCULATION SHEET, FOR INFORMATION ONLY.



PROJECT NAME: AGRITAINMENT DISTRICT AT PIONEER CROSSING SITE PHOTOMETRICS WRIGHT ENG.

DESIGN BY: JDK





McGraw-Edison

GALN Galleon II Area / Site Luminaire

roduct Features

Product Certifications

Connected Systems

WaveLinx Lite

WaveLinx

Interactive Menu

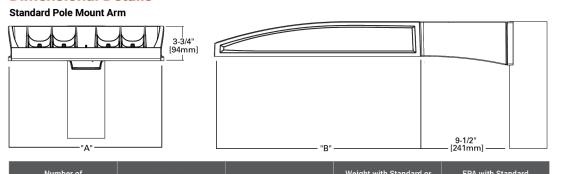
- Ordering Information page 2 Mounting Details page 3
- Optical Distributions page 5 • Product Specifications page 5
- Energy and Performance Data page 6 • Control Options page 11

Quick Facts

 Lumen packages range from 3,300 - 73,500 (33W - 552W) 17 optical distributions

Efficacy up to 159 lumens per watt

Dimensional Details Standard Pole Mount Arm





Nisit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified.
 DA Certified (3000K CCT and warmer only, fixed mounting options)

OOOPER

PS500052EN page 1 September 29, 2023 1:22 PM

GALN Galleon II

SWPD5-XX-WaveLinx Sensor, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting 12, 13, 14, 19

Pole Drilling Pattern

Ordering Information SAMPLE NUMBER: GALN-SA4C-740-U-T4FT-GM

VIcGraw-Edison

Product Family ^{1, 2}	Light Engine		Color	Voltage	Distribution	Mounting	Finish
	Configuration	Drive Current	Temperature	Voltage	Distribution	Mounting	FIIIISII
GALN=Galleon II BAA-GALN=Galleon II Buy American Act Compliant ²⁷ TAA-GALN=Galleon II Trade Agreements Act Compliant ²⁷	SA1=1 Square SA2=2 Squares SA3=3 Squares SA4=4 Squares SA5=5 Squares SA6=6 Squares SA7=7 Squares SA8=8 Squares SA9=9 Squares	A=600mA B=800mA C=1000mA D=1200mA 4.17 Z=Configured ³³	722=70CRI, 2200K 727=70CRI, 2700K 730=70CRI, 3000K 735=70CRI, 3500K 740=70CRI, 4000K 750=70CRI, 6000K 827=80CRI, 2700K 830=80CRI, 3000K 840=80CRI, 3500K 840=80CRI, 4000K 930=90CRI, 3500K 940=90CRI, 4000K 940=90CRI, 4000K 950=90CRI, 5000K	U=120-277V H=347V-480V 7, 30 1=120V 2=208V 3=240V 4=277V 8=480V 7, 30 9=347V 7 DV=277V-480V DuraVolt Drivers 29, 30, 31	T1=Type I T2=Type II T2R=Type II Roadway T3=Type III Roadway T3=Type III Roadway T4FT=Type IV Forward Throw T4W=Type IV Wide SNQ=Type V Square Medium SWQ=Type V Square Medium SWQ=Type II w/Spill Control SL3=Type III w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SL4=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	[Blank]=Standard Pole Mount Arm QU=Quick Mount Universal Arm QM=Pole Mount Arm with Quick Mount Adaptor PA=Pole Mount, Adjustable SP=3" Slipfitter, Adjustable ⁸ SP2-2-3/8" Slipfitter, Adjustable ⁸ QMA=Quick Mount Mast Arm, Fixed MA=Mast Arm, Fixed WM=Wall Mount, Fixed WA=Wall Mount, Adjustable UP=Upswept Arm	AP=Grey BZ=Bronze BK=Black DP-Dark Platinum GM=Graphite Metallic WH=White RALXX=Custom Color

Compilant	SA8-8 Squares SA9-9 Squares		827=80CRI, 2700K 830=80CRI, 3000K 835=80CRI, 3500K 840=80CRI, 4000K 930=90CRI, 3000K 940=90CRI, 3500K 940=90CRI, 4000K 950=90CRI, 5000K AMB=Amber, 590nm 15, 17	9=347V 7 DV=277V-480V DuraVolt Drivers 29, 30, 31	SNQ=Type V Narrow SMQ=Type V Square Medi SWQ=Type V Square Wide SL2=Type II w/Spill Contro SL3=Type II w/Spill Contro SL4=Type II w/Spill Contro SLL=90° Spill Light Elimin SR=90° Spill Light Elimin RW=Rectangular Wide Typ AFL=Automotive Frontline	ol ol ol ator Left ator Right e I	QMA=Quick Mount Mast Arm, Fixed MA=Mast Arm, Fixed WM=Wall Mount, Fixed WA=Wall Mount, Adjustable UP=Upswept Arm	RALAN-GUSIGIII G
Ор	tions (Add as Suffix)		Control	s and Systems Options (Add	as Suffix)		Accessories (Order Separat	ely) ²⁸
DIM=External 0-10V Dir F=Single Fuse (120, 27 FF=Double Fuse (208, 2 20K=20kV UL 1449 fus 2L=Two Circuits 10 HA=50°C High Ambien HSS=Installed House S GRSBK=Glare Reducin LCF=Light Square Trim TH=Tool-less Door Har CC=Coastal Constructi L90=Optics Rotated 90 R90=Optics Rotated 90 AHD145=After Hours D AHD245=After Hours D AHD255=After Hours D DALI=DALI Drivers	7 or 347V Specify Volta 4.40 or 480V Specify Vol ed surge protective dev t ide Shield 18 1 Shield, Black 23 2 Shield, White 23 Painted to Match Hous dware 5 on finish 3 * Left * Right im, 5 Hours 22 im, 7 Hours 22 im, 7 Hours 22	ltage) vice ¹⁰	PR-NEMA 3-PIN Photocor PR7=NEMA 7-PIN Photocor PR7=NEMA 7-PIN Photocor FADC=Field Adjustable Dir PSC=Photocontrol Shortin SPB2=Dimming Motion Se SPB4=Dimming Motion Se SPB4/X=Dimming Motion Se SPB4/X=Dimming Motion Sens MS/DIM-L20=Motion Sens MS/DIM-L40=Motion Sens MS/DIM-L40=Motion Sens ZW=WaveLinx-enabled 4-PI ZW-WOBXX=WaveLinx Lite Programmable, 7-15' Mo ZW-WOFXX=WaveLinx Lite Programmable, 15' - 40' M ZD-WOFXX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-WOFXX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-WOFXX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD4XX=WaveLinx Lite Programmable, 7' - 15' Mo ZN-SWPD4XX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD5XX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD5XX=WaveLinx Lite Programmable, 7' - 15' Mo ZD-SWPD5XX=WaveLinx F	ontrol Receptacle ²¹ mming Controller ³² g Cap ensor, 9'-20' mounting ²⁴ ensor, 21'-40' mounting ²⁴ ensor, 21'-40' mounting ²⁴ Sensor, limited square count, Sensor, limited square count, Sor for Dimming Operation, 21 PM Twistlock Receptacle ¹⁹ N Twistlock Receptacle ¹⁹ N Twistlock Receptacle ¹⁹ e, Dimming Motion and Daylig unting ^{19, 12} e, Dimming Motion and Daylig ounting ^{19, 12} e, SR Driver, Dimming Motion a ounting ^{19, 12} Pro, Dimming Motion and Day Pro, SR Driver, Dimming Motion unting ^{19, 12} pro, SR Driver, Dimming Motion unting ^{19, 12} pro, SR Driver, Dimming Motion pro, SR Driver, Dimming Motion unting ^{19, 12} pro, SR Driver, Dimming Motion	9'-20' mounting ²⁴ 21'-40' mounting ²⁴ 20' Mounting ³⁴ -40' Mounting ³⁴ -40' Mounting ³⁴ nt, Bluetooth nt Daylight, Bluetooth nd Daylight, Bluetooth ight, WAC Programmable, ight, WAC Programmable, i and Daylight, WAC n and Daylight, WAC	OA/RA10 OA/RA10 OA/RA10 OA/RA10 OA/RA10 MA1252: MA1036- MA1037- MA1197- MA1188- MA1190- MA1191- MA1038- MA1039- MA1192- MA1193- MA1194- MA1195- SRA238- tenon FSIR-100 LS/HSS= LS/GRSB LS/GRSB LS/GRSB LS/GRSB LS/GRSB US/PFS=I WOLC-7F WOB-XX: Bluetoott WOF-XX: Bluetoott	16=NEMA Photocontrol Multi-Tap - 10 27=NEMA Photocontrol - 480V 01=NEMA Photocontrol - 347V 13=Photocontrol - 347V 14=120V Photocontrol 10kV Surge Module Replacement XX=Single Tenon Adapter for 2-3/8" XX=3@10° Tenon Adapter for 2-3/8" XX=3@00° Tenon Adapter for 2-3/8" XX=2@00° Tenon Adapter for 2-3/8" XX=2@120° Tenon Adapter for 2-3/8" XX=3@00° Tenon Adapter for 2-3/8" XX=3@00° Tenon Adapter for 3-1/2" XX=3@120° Tenon Adapter for 3-1/2" XX=3@120° Tenon Adapter for 3-1/2" XX=3@00° Tenon Adapter for 3-1/2" Adapter kit for mounting 3° SP arm to =Wireless Configuration Tool for MS/ =ield Installed House Side Shield, 9-18 K-2PK =Glare Reducing Shield, Black 19-10A=WaveLinx Outdoor Control Moter Standard Shield, Sh	D.D. Tenon O.D. Tenon D.D. Tenon O.D. Tenon

responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our 1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WPS13001E No additional support information.
2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with TH option.
4. Drive current 1200mA not available with color temperatures 722, 727, 827, 830 or 930 when the HSS option is selected.
5. TH option not 3G rated. Not available with Coastal Construction (CC) option.
6. Not available with voltage options H, 8 or 9.
7. Requires the use of an internal step down transformer when combined with sensor options. Not available in combination with the HA high ambient and sensor options at 1A.
8. SP arm limited to 3" OD. vertical tenon. SP2 limited to 2-3/8" O.D. vertical tenon.
9. One required for each Light Square.
10. 2L is not available with SP8 at 347V or 480V. Not available with WaveLinx or Enlighted sensors, or 20kV surge option.
11. Requires PR7.
22. Replace XX with sensor color (WH, BZ or BK.)

19. Cannot be used with other control options.
20. Low voltage control lead brought out 18" outside fixture. Not available with DALI or integrated controls options
21. Not available if any SPB, LWR, or WaveLinx sensor is selected. Motion sensor has an integral photocell.
22. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory.
23. Not for use with 17, 174F, 174W or SL4 optics.
24. Sensor configuration mobile application required for configuration. See controls page for details.
25. Replace X with number of Light Squares controlled by the SPB, referencing the "SPB/X Availability Table" on the controls page.
26. Not available with HSS, GRSWH or GRSBK.
27. Only product configurations with these designated prefixes are built to be considered with the Canada and the controls are seen as a controlled product configurations with these designated prefixes are built to be considered with the Canada and the C 11. Requires PR7.

12. Replace XX with sensor color (WH, BZ or BK.)

13. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for LC Bluetooth sensors.

14. Requires ZW or ZD receptacle.

15. Narrow-band 590nm +/- Smm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with SWQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS ontion. Consult factory for further information.

29. DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signity.com/duravolt for more information.

30. 480V not to be used with ungrounded or impedance grounded systems.

31. Not available in 1 square configuration at 800mA or below. Not available with any control option except SPB.

32. Cannot be used with PR7 or other motion response control options.

33. Use GALN Product Configurator to specify lumen output, drive current and wattage. Not available with AMB.

34. Uses the FSP-211 motion sensor. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information. option.
16. Set of 4 pcs. One set required per Light Square.

17. Not available with HA option.
18. Not for use with T1, 5NQ, 5MQ, 5WQ or RW optics.
19. Cannot be used with other control options.

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Calliera Type	Dat	a Dackilaui
L=LumenSafe Technology	D=Standard Dome Camera H=Hi-Res Dome Camera Z=Remote PTZ Camera	C=Cellular, No SIM A=Cellular, AT&T Y=Cellular, Verizon S=Cellular, Sprint	R=Cellular, Rogers W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking



PS500052EN page 2 September 29, 2023 1:22 PM



CANOPY OPTIONS (Click Image to See Individual Submittal)





SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

Series		Spacing	Spacing Lamp		Dimming	Listing	Luminaire Length
Standard (No Canopy)	Bell Canopy	12" on Center (12")	2700K, G-Shape (27K-GSF)	5000K, G-Shape Filament (50K-GSFL)	Forward Phase	Indoor	Specify Length in Fee
(A5-ZOZO-STN)	(A5-ZOZO-BLL)	18" on Center (18")	5000K, G-Shape (50K-GSF)	2700K, S-Shape Frosted (27K-SSF) (DM)		(DRY)	Example: 100'
Round Canopy	Flat Canopy	24" on Center (24")	Red, G-Shape (R-GSF)	5000K, S-Shape Frosted (50K-SSF)	Leave Blank	Outdoor	
(A5-ZOZO-RND)	(A5-ZOZO-FLT)	36" on Center (36")	Green, G-Shape (G-GSF)	Orange, S-Shape Frosted (OR-SSF)	for Non-Dimming	(WET)	
Round Canopy with Cage	Mesh Canopy	48" on Center (48")	Blue, G-Shape (B-GSF)	2700K, S-Shape Clear (27K-SSC)			
(A5-ZOZO-RNC)	(A5-ZOZO-MSH)	60" on Center (60 ")	Amber, G-Shape (A-GSF)	5000K, S-Shape Clear (50K-SSC)			
Cone Canopy	Barrel Canopy		2400K, G-Shape Filament (24K-GSFL)	Red, S-Shape Clear (R-SSC)			
(A5-ZOZO-CON)	(A5-ZOZO-BRL)		2700K, G-Shape Filament (27K-GSFL)	Green, S-Shape Clear (G-SSC)			
Cone Canopy with Cage	Hat Canopy		3000K, G-Shape Filament (30K-GSFL)	Blue, S-Shape Clear (B-SSC)			
(A5-ZOZO-COC)	(A5-ZOZO-HAT)		3500K, G-Shape Filament (35K-GSFL)	Amber, S-Shape Clear (A-SSC)			·
			4000K, G-Shape Filament (40K-GSFL)	No Lamps* ¹ (NL)			

*¹ Lighting will be shipped without lamps.

LAMP OPTIONS

1170 N Red Gum St, Anaheim, CA 92806 💢 aluz.lighting 🖾 info@aluz.lighting 📞 866.ALUZ.LTG | 714.535.7900 © ALUZ All Rights Reserved. ALUZ reserves the right to make changes or withdraw specifications without prior notice. **Specification Submittal** Page 1 of 4 6 / 13 / 2023 / Rev 14

A5 Series | String / Festoon **ZOZO** Standard (A5-ZOZO-STN)

A5 Series | String / Festoon

Indoor and Outdoor

Standard 6' Power Lead

Dry or Wet Location

Forward Phase

-25°C to +45°C (-13°F to +113°F)

250' without Canopies 100' with Canopies

20 Amps (12 Gauge Wire)

1W or 3W Lamps (+/- 0.25W Tolerance)

Built to Order (+/- 1/8" Tolerance)

Cable (Included, Not for Mounting)

ANSI/UL1598 CSA 22.2 No. 250.0-04, 2nd Edition

Mesh, Canopies, or Cages Sun Light Resistance Link to Installation Instructions

Mounting Aircraft Cable (Sold Separately)

ZOZO Standard (A5-ZOZO-STN)

GENERAL FEATURES

Applications

ELECTRICAL

Luminaire Voltage 120V

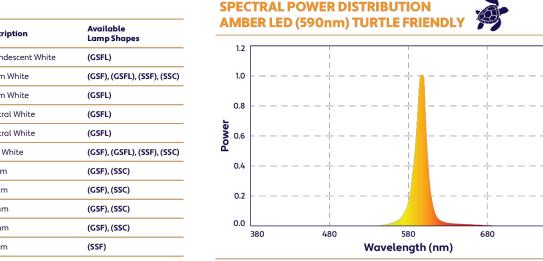


			├ 1.70" →	← 1.70" →
Lamp Name & Product Code	G-Shaped Lamp (GSF)	G-Shaped Filament Lamp (GSFL)	S-Shaped Lamp (SSF)	S-Shaped Clear Lamp (SSC)
Lamp Type	Standard LED	Filament LED	Standard LED	Standard LED
Material	Polymer Plastic	Glass	Polymer Plastic	Polymer Plastic
Lamp Life	20,000 hrs.	25,000 hrs.	20,000 hrs.	20,000 hrs.
Lumens	42	256	42	42
Beam Angle	360°	360°	360°	360°
Appearance	Frosted	Clear	Frosted	Clear, Textured
CCT & Colors	27K, 50K, R, G, B, A	24K, 27K, 30K, 35K, 40K, 50K	27K, 50K, OR	27K, 50K, R, G, B, A
Lamp Watts	1\\	3///	1\A/	1W

LAMP SPECIFICATIONS

AIVIP .	SPECIFICATION	13	
mp Jmber	Correlated Color Temperature	Description	Available Lamp Shapes
K	2400 Kelvin	Incandescent White	(GSFL)
K	2700 Kelvin	Warm White	(GSF), (GSFL), (SSF), (SSC)
K	3000 Kelvin	Warm White	(GSFL)
K	3500 Kelvin	Neutral White	(GSFL)
K	4000 Kelvin	Neutral White	(GSFL)
K	5000 Kelvin	Cool White	(GSF), (GSFL), (SSF), (SSC)
	Red	621nm	(GSF), (SSC)
	Green	525nm	(GSF), (SSC)
	Blue	470nm	(GSF), (SSC)
	Amber	590nm	(GSF), (SSC)
3	Orange	610nm	(SSF)

Note: Lamp dimensions are subject to change without notice. +/- 0.25W Wattage Tolerance.



1170 N Red Gum St, Anaheim, CA 92806

💢 aluz.lighting 🔀 info@aluz.lighting 📞 866.ALUZ.LTG | 714.535.7900

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Specification Submittal Page 2 of 4 6 / 13 / 2023 / Rev 14





Vandal Resistant VPF4 Series LED

SPECIFICATIONS

Description

S	UL Listing	ADA Compliant	DA
The Vision VPF4 series features an all aluminum, ligature r			

be used in nearly any enviornmental condition. Designed in conjunction with an opthalmologist, the polycarbonate lens provides complete control of glare and LED image while maintaining the high efficiency of clear optical material. The Vision VPF4 series can be row mounted to any length. Natatorium finish is standard for all versions of this fixture. Marine grade heat treated extruded aluminum. Finished with Super Durable Corrosion Resistant powder coat (SDCR) that meets AAMA 2605 high performance specification, providing superior UV durability and corrosion resistance. Salt spray test: 4,000 hours.

Extruded UV stabilized polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.

Die cast marine grade aluminum with conduit knockouts that are visible from interior of end cap. **End Caps Drivers** Dimming to 1%, 10% or Programable Lumen Output driver options. Non-Dimming Driver

Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L₇₀ projected life of over 130,000 hours at 50°C.

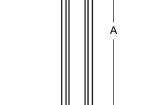
U.L., C.UL. Damp Location Listing standard, Wet Location Listing optional. **Buy American Act**Luminaire LED, LLC products are assembled in the USA. Our products meet the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Lifetime warranty against vandalism. Luminaire LED will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. **10-year** warranty on LED boards against operational defects. Tested in accordance with LM-80. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

DIMENSIONAL DATA

	Α	В	С
VPF4 1FT	15.50	4.35	2.70
VPF4 2FT	26.10	4.35	2.70
VPF4 3FT	37.88	4.35	2.70
VPF4 4FT	49.69	4.35	2.70



←B→

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LUMINAIRE-LED-VISION-VPF4-LED Page 1 of 5

VISION **VPF4**

Vandal Resistant

VPF4 Series LED

ORDERING INFORMATION Example: VPF4 4FT MIN1 40W 27K 120 CLP WHT VPF4 Vandal Resistant 4" Wide 1FT MIN1 ^{2,3} Dimming to 1% 5W 20W 40W 500LM - 5800LM - Lumens 27K 2700K available in 100LM increments MIN10^{2,4} Dimming to 10% 10W 25W 50W 30K 3000K Lumens required if PRD driver chosen NODIM Non-Dimming Driver 15W 30W 35K 3500K Driver Programmed to Specific Lumen Output, Consult Factory 40K 4000K Required for all drivers except PRD driver 50K 5000K

Voltage*		Lens*		Finish*	
120 277 MVOLT 347 ³	120 Volt 277 Volt 120-277 Volt 347 Volt	CLP OP	Clear Prismatic Opal	BLK WHT BRZ GRY SIL CUST RALTBD	Black White Bronze Gray Silver Custom Color, Consult Factory Ral Paint finishes for pricing only. Replace with
				applicable	le RAL call out when ready to order. RAL BROCHURE for available options

OPTIONS

Emergency ⁴								
EMB310 ³	Self contained, 90 1200 lumens	minute emergency battery page	ck. 0°C (32°F) to 55°C (131	°F).	EMB20R 6,7	Remote mounted micro i 0°C (32°F) to 45°C (113°	inverter that will operate a 25W maximum load for 90 min. °F).	
EMB310ST ³	Self-testing, self c 0°C (32°F) to 55°C	ontained, 90 minute emergend C (131°F). Meets CA Title 20 St	y battery pack. andards. 1000 lumens	ı	EMB125R ⁶	Remote inverter that will 20°C (68°F) to 30°C (86°	l operate a maximum 125W load for 90 min. °F).	
EMB10ST ³		ontained, 90 minute emergend C (131°F). Meets CA Title 20 St		I	EMB250R ⁶	Remote inverter that will operate a 250W maximum load for 90 min. 20°C (68°F) to 30°C (86°F).		
EMB310T20 ³	Self contained, 90 0°C (32°F) to 55°C	minute emergency battery pac C (131°F). Meets CA Title 20 st	ck. andards. 1200 lumens	l	EMB375R ⁶	Remote inverter that will operate a 375W maximum load for 90 min. 20°C (68°F) to 30°C (86°F).		
Pendant Type/I	Length	Back Box	Environment	Fusing		Photocell	Sensors	

COR Corner mounted WL 8.9 Wet Location GLR 10 Fuse and PC 10 Photoelectric OCCBT 4.5.11 Bluetooth connected microwave occupancy RG___^{8,9} (12" - 96") sensor mounted behind the lens. All LED board sensored to dim to 50%, 40%, 30%, 20%, or 10%, field selectable low levels. Consult factory Order in 12" increments up to 96".

Hardware DRPCP^{8,9} Aluminum drip cap finished with white polyester powder coat to be used when pendant mounted PHSC Phillips Head instead of TORX® head powder coat to be used when pendant mounted

Ord	ering Notes
	See Size and Wattage Chart.
	Not available with 5W or 10W.
3.	Not available with 1FT, 2FT or 3FT.
4.	Not available with 347V.
5.	Not available with 1FT.
6.	Not available with MVOLT.
7.	Not available with Lumens over 1900 LM.
8.	Not available with COR.
	WL and DRPCP is required with Rigid Stems (RG_).
	Not available with MVOLT or 347.
11.	Not available with any Emergency Battery Pack.

ccessories: Order as separate catalog number. TXSD TORX® Screwdriver Bit Initial shipment includes one (1) TXSD per fixture

One Lithonia Way, Convers GA 30012 | 1.800,705,SERV (7378) | www.luminaireled.net uminaire Led © 2020-2023 Acuity Brands Lighting, Inc. All rights reserved.

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ENDURASCAPE Bollard LED Specifications



Catalog Number:

The **Endurascape** series of concrete bollards are designed to enhance and blend with architectural and natural landscapes. Beautifully crafted with textured finishes in a variety of shapes and cast grill louver designs. Optics provide smooth, 360-degree symmetrical low level illumination. Durably built for weather and vandal resistance. Ideal for walkways, entrances, promenades, plazas, courtyards, driveways, bridges and landscaped areas.

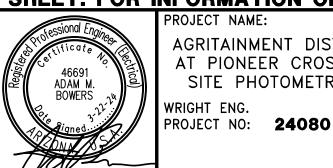
Ordering Information

VISIONAIRE LIGHTING

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
EDS-1A 8" Round EDS-1B 11" Round EDS-2 11" Round Flat Top EDS-3A 11" Square EDS-4A 11" Square Pyramid Top	COG 45° Cutoff Grill 8" Only COG 45° Cutoff Grill 11" Only HZG Horizontal Grill 11" Only	20LC	3 350mA 5 530mA 7 700mA	3K 3000K 4K 4000K 5K 5000K	UNV 120-277V	AB Anchor Base Consult Factory	Louver Colors BZ Bronze BK Black WH White FG Forest Green GY Grey SL Silver Metallic CC Custom Color Concrete Textures LT Light MD Medium HV Heavy	ILS Internal Light Shield

ELECTRICAL ENGINEERING AND DESIGN 165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225

PHONE 480.497.5829 • FAX 480.497.5807 PHOTOMETRIC CALCULATION SHEET, FOR INFORMATION ONLY.



PROJECT NAME: AGRITAINMENT DISTRICT AT PIONEER CROSSING SITE PHOTOMETRICS WRIGHT ENG.

DESIGN BY: JDK