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(669)

### Leaders in LED Technology

03.02.18

Visionaire Lighting is an industry leader with more than 15 years of experience transforming automotive dealerships with high-performance lighting design, one-of-a-kind optics, and modern energy saving LED technology. Visionaire fixtures feature cutting edge LED optics specifically designed for dealership lighting. Whether designing a custom retrofit project or managing new construction, Visionaire Lighting provides state-of-the-art technology and architectural styling for reliable results and superior customer satisfaction.

> Visionaire Lighting manufacturers specification-grade LED outdoor lighting fixtures & poles. We specialize in Automotive Dealership Lighting, and have unique patented optical systems that are designed exclusively for the Automotive Dealership Market. Visionaire is always advancing its LED technology, and has enhanced capabilities in design, testing, manufacturing, and quality assurance.

Visionaire Lighting's Design and Applications Department utilizes cutting edge technology to provide our customers with complete engineering assistance and site-specific photometrics to layout your site perfectly and ensure complete satisfaction.

> Please visit www.visionairelighting.com for an overview of our complete line of outdoor lighting products.

> > VLX LED Luminaire

### **Project: Chino Hills Ford** VLX LED Luminaire



### Case Study Increased Light Levels & Uniformity

#### **Project Description**

In late 2014, The Chino Hills Ford dealership had just finished a major repositioning and facelift managed by Sauers Lopez Construction (SLC). SLC turned to Visionaire Lighting to perform an evaluation of the site lighting and recommend solutions to both modernize the site lighting and reduce the customer's operating costs.

"Visionaire was with us through the entire process. Their product allowed us to significantly reduce the total fixture quantity all while improving the overall site lighting quality. This reduction in fixtures and improved technology really drove the project financially. The customer saved money and procured a significant rebate to make the investment a win-win" said Clark Longhurst, President of Monterey Energy Inc.



Summary

- VLX fixtures

- Replaced 151 fixtures total
- 42% overall fixture count reduction



- 78% reduction in lighting energy costs
- \$2,500.00 in reduced annual maintenance costs
- \$42,100.00 rebate received from utility
- 62.3% customer's return on investment (ROI)
- \$628,629.00 10 year cash flow improvement
- 428 tons of CO2 reduced, enough to power 47 homes annually

### Project: Duval Acura BLX-III LED Luminaire

CURA



### Case Study Incentive & Lighting Upgrade

#### **Project Description**

Duval Acura was looking for a lighting upgrade to help them stand out, cut down on energy and draw in more clientele. After evaluation we knew just the cost effective solution that would return their ROI in energy savings and convert to higher sales.

Duval Acura changed out a total of 220 1000W HID fixtures and 32 400W floods. Using one of our highest performing and energy efficient LED luminaires, the BLX-III, we were able to replace quads with doubles and doubles with singles cutting down overall fixture count by 57% and the wattage by 74%. Duval Acura received a rebate of \$26,000 reducing cost and resulting in better lighting, more sales and reduced annual energy.



Summary - Replaced with BLX-III fixtures - 55% fixture count reduction - Reduced wattage by 74%



- \$26,000 JEA rebate
- Brighter lumen package
- Annual increase in sales

### Project: Morton Grove Audi



Case Study Maintenance & Incentive

### **Project Description**

When buying a car at McGrath Audi; a premier dealership in Chicago, not only are you buying excellence in a car, you are visiting a pristine automotive dealership. When renovating their lot, McGrath needed an LED fixture that was as aesthetically pleasing as the cars it was showing off. And of course the best fixture for the Job was our VLX.

McGrath changed out 101 fixtures from 1000 Watt Pulse Start, to 359 Watt Led Fixtures that included wireless controls, saving them 721 Watts per fixture. This 66% power reduction qualified McGrath for an utility incentive return of \$36,360 in total. Now, this product gives more light with less power as well as saving thousands of dollars in maintenance spending.



Summary

- VLX fixtures - Replaced 101 fixtures total Replaced 1000 watt fixture with 359 watt LED fixtures



- \$36,360 incentive return for power reduction
- Wireless controls for added control and savings
- Now saving thousands of dollars annually on maintenance



### Project: Oxnard Lexus BLX-III LED Luminaire



### Case Study Incentive & Lighting Upgrade

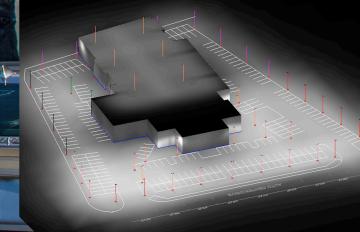
#### **Project Description**

On a street strewn with dealerships, Oxnard Lexus wanted a fixture that would help them stand out among the rest. Not only did they want to look brighter and newer, they wanted to save energy while also qualify for the utilities incentive program. Worried about sacrificing light for energy savings, they came to us with questions. We answered with the BLX-III.

In total 81 fixtures were changed. Replacing 1000 Watt HID fixtures with 614 Watt LED fixtures on the sales lot, and 444 Watt LED fixtures on the service lot. In doing so, Oxnard Lexus qualified for over \$20,000 in utility incentive rebates. In addition they are now saving an estimated \$37,672.56 annually in energy spending as well as thousands of dollars in maintenance.



Summary
- BLX-III Fixtures
- Replaced 81 fixtures
- Replaced 1000 watt HID with 614 watt & 444 watt LED fixtures



- Over \$20,000 in utility incentive rebates
- Almost \$38,000 in annual energy spending
- Thousands saved in annual maintenance



### Project: Elgin Honda VLX LED Luminaire

C,

### Case Study New Construction

### Project Description

Elgin Honda of Illinois being new construction had a plethora of options when designing their lot. After deciding how the lot would be laid out, Elgin came to us wanting the most light with the least amount of fixtures, while still being able to emit the necessary lumens during the snowy weather months. They wanted to maximize efficiency, leave more space for their large inventory of cars, while being able to control the light during bad weather so they could always be seen from the road.

Our internal team of photometric specialist's was able to design a lot tailored to do just this using our VLX. Using our patented optics we were able to cut out almost half of the fixtures Elgin thought they would need with HID lighting. The layout offered them the fewest fixtures while giving them an immensely large Lumen output, while also working with our controls team to design controls for greater adjust-ability. Now, come rain, snow or nightfall, Elgin Honda now has the power to be seen at all times of the day as well as all times of the year.



Summary

- VLX fixtures

- 101 LED fixtures under 350 watts - Wireless controls



- Half as many fixtures for more lumens
- Initial installation savings
- Maintenance & power savings
- Wireless controls make bad weather less significant on sales

# Project: Devoe Subaru & Buick



### Case Study Lighting Upgrade

#### **Project Description**

In deciding what lights should replace their existing HID fixtures, Devoe Subaru & Buick knew they had to find the best of the best. Located right in the heart of one of the most expensive cities in the United States, they know extra effort is required to attract attention to their lot. Being ahead of the curve was important to them, and we provided them with our newest and brightest fixture to hit the market, our BLX-III.

Replacing old 1000 Watt HID fixtures, with 564 Watt LED BLX-III fixtures we were able to give them a significantly brighter lot, while also reducing their power consumption by almost 50%. Although initially Devoe wasn't concerned with cost, they were able to achieve higher lumens than were expected with a fraction of the operational power previously consumed on the lot.



Summary
- BLX fixtures
- Replaced 56 fixtures
- Replaced 1000 watt HID with 564 watt LED



- Brighter lumen package
- 47% drop in power consumption annually
- Annual sales increase since BLX installation



# Project: Morton Grove Acura

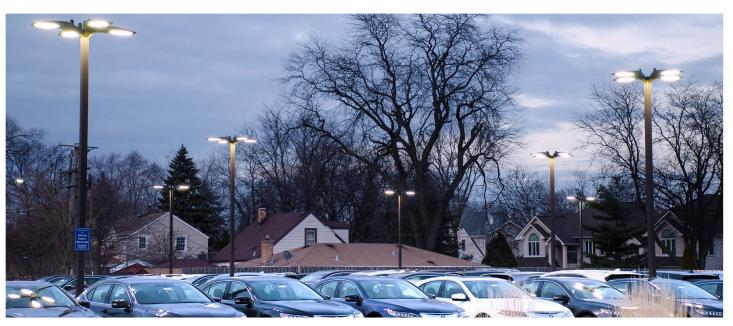


### Case Study Maintenance & Incentive

#### **Project Description**

Acura is among the top three rated cars in consumer reports. When renovating their lot, Morton Grove knew they needed a fixture that competed just as highly in the outdoor lighting world as their cars did in the automotive world. They knew when replacing the lights in their lot, the fixtures chosen needed to ensure that the Acuras on their lot looked a cut above the rest, while having the ability to be more energy efficient as well. After being introduced to our very sleek, energy efficient yet very powerful VLX, the choice was clear.

Replacing 72 fixtures that were previously 1000 Watt Pulse Start with new 359 Watt LED VLX fixtures, we were able to reduce their wattage usage by 721 Watts per fixture. This equates to a 66% energy savings overall. Such high-energy savings combined with added wireless controls, Morton Grove was able to qualify for a utilities incentive return of over \$24,000. Morton Grove saved money and energy while still creating a beautifully lit lot that helps the newly waxed cars shine that much brighter.



Summary - VLX fixtures - Replaced 72 fixtures Replaced 1000W pulse start with 359W LED fixtures



- Over \$24,000 in utility rebates
- Reduced energy usage by 66%
- Wireless controls give more lighting control



# VLX-XL Array

### LED Luminaire

The new VLX-XL Array LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

The VLX-XL Array LED Series is destined to become the standard for which LED area lights are measured. Simple flowing lines that house scalable LEDs that replace traditional HID fixtures for a wide range of lighting applications. From shopping centers to auto dealerships to general parking lots to roadways the VLX-XL Array LED series is the transition of LED lighting into tomorrow.

#### Key Features:

- Die cast aluminum housing
- Separate driver compartment
- Ten specification-grade optics
- 3000K CCT, 4000K CCT and 5000K CCT
- 51,000 95,000+ Lumen package
- 120- 277 UNV Voltage Drivers, 347 & 480 Voltage Drivers
- 410 680 Wattage range
- Twist Lock Photocell and Receptacles
- Title 24 Compliant Motion Sensor
- 0-10V Dimming Driver
- Visionaire Wireless Controls
- Cut-off Shielding







### **Ordering Information**

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
VLX-XL	<b>T1</b> Type 1	55L	<b>3K</b> 3000K	<b>UNV</b> 120-277V	<b>AM</b> Arm Mount	<b>BZ</b> Bronze	PCR-120 PCR-208	<b>RPP</b> Round Pole Plate Adaptor -
	<b>T2</b> Type 2	60L	<b>4K</b> 4000K	8	Round Pole Plate Adaptors (RPP) are to be ordered	<b>BK</b> Black	PCR-240	For 3-5"Ø Pole
	<b>T3</b> Type 3	70L		347V	separately.	SBK Smooth	PCR-277 PCR-347	ROT-R Rotated Optics Right Side
	T3L	80L	<b>5K</b> 5000K	<b>5</b> 480V		Black	PCR-480 Photocell & Receptacle	ROT-L Rotated Optics
	Type 3 Long	90L				<b>WH</b> White	PER	Left Side
	<b>T4</b> Type 4					Smooth White	5PINPER 7PINPER	<b>HS</b> House Side Shield
	<b>T4L</b> Type 4 Long					<b>GP</b> Graphite	3, 5, or 7 Pin Photo Receptacle w/shorting cap Requires Dimming Driver	VWC Visionaire Wireless Controls
	<b>T4A</b> Type 4 Automotive					<b>GY</b> Grey	WSC-8 Motion Sensor	*Consult Factory
	<b>T5SR</b> Type 5 Short Round					<b>SL</b> Silver Metallic	8' Mounting Height WSC-20 Motion Sensor	BAWP-XL Bolt-on Wall Plate
	<b>T5LR</b> Type 5 Long Round					Custom Color	9-20' Mounting Height <b>WSC-40</b>	<b>DIM</b> 0-10v Dimming Driver
	T5LS Type 5						Motion Sensor 21-40' Mounting Height	
	Long Square						*The WSC option will reguire (1) FSIR 100 remote for programing	

### **VISIONAIRE LIGHTING**

Project Name:		
Catalog Number:		
Туре:		
defined by its sleek lov latest LED Array te	ray LED Series offers clear profile design and rugged co hnology, advanced LED t ng that is both energy efficier	onstruction. It combines th hermal management an
	mance and the driver's life a die cast aluminum housings.	
	D fixture is offered with lum ose between 3000, 4000 or s	
A durable polyester ( available in standard o	owder coat finish is guarar r custom colors.	nteed for five years; and i
	D series is an exceptional chos, architectural projects, ar	

### VMX-II Array LED Luminaire

The new **VMX-II Array LED** Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

#### Key Features:

- Die-Cast aluminum housing
- IP65 Housing and LED optical assembly
- 1000 W Replacement
- 10 Specification Grade low glare optics
- 25,000 55,000 lumen packages
- 202 400 wattage range
- 120-277 universal Drivers, 347 & 480 voltage drivers
- 10KV Surge Protector
- 90% Power Factor
- 10 Year Electrical Warranty
- PangeaLink compatible
- Quick Mount Cleat
- Mounts to round or square pole
- 3, 5 and 7 Photocell receptacles
- 0-10V Dimming driver
- Title 24 Compliant Motion Sensor





### VMX-II Array LED Specifications



### **Ordering Information**

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE
VMX-II	<b>T1</b> Type 1	25L	<b>3K</b> 3000K	<b>UNV</b> 120-277V
	<b>T2</b> Type 2	30L	4K	<b>8</b> 347V
	T3	35L	4000K	<b>5</b> 480V
	Type 3 <b>T3L</b>	40L	<b>5K</b> 5000K	4000
	Type 3 Long	45L		
	<b>T4</b> Type 4	50L		
	<b>T4L</b> Type 4 Long	55L		
	<b>T4A</b> Type 4 Automotive			
	<b>T5SR</b> Type 5 Short Round			
	<b>T5LR</b> Type 5 Long Round			
	<b>T5LS</b> Type Long Square			

**VISIONAIRE LIGHTING** 

Project Na	ame:
Catalog N	umber:
Туре:	
its sleek lo Array tech	<b>-II Array LED</b> Series offers clean, functional styling that is defined by profile design and rugged construction. It combines the latest LEE nology, advanced LED thermal management and provides outdoo at is both energy efficient and aesthetically pleasing.
	s performance and the driver's life are maximized by enclosing then parate cast aluminum housings.
25,000 to	II Array LED fixture is offered with lumen packages ranging from 55,000. Ten optical distribution patterns are available. Choose 3K, 4K or 5K Kelvin temperature of the LEDs.
	e polyester powder coat finish is guaranteed for five years; and is n standard or custom colors.
	-II Array LED series is an exceptional choice for commercial parking

projects

OPTIONS E MOUNTING FINISH OPTIONS OPTIONS WSC-8 Motion Sensor AM ΒZ **PCR-120 UPMA-S** Arm Mount Bronze Universal **PCR-208** 8' Mounting Square Pole Mount Height SAM BK **PCR-240** Adaptor Straight Arm Black PCR-277 WSC-20 Mount W/ **UPMA-R** Terminal Block (New Motion Sensor PCR-347 SBK Universa 9-20' Mounting Round Pole Mount Adaptor Smooth Construction) PCR-480 Height Black Photocell & Receptacle UAM WSC-40 BAWP WH Motion Sensor 21-40' Mounting Universal ArmW/ White PER Terminal Block Mount (Retrofit) ROT-R Height **5PINPER** SWH \*The WSC Rotated Optics Right Side option will MAF 7PINPER Smooth White require Mast Arm Fitter , 5, or 7 Pin Photo ROT-L (1) FSIR 100 **Rotated Optics** Receptacle w/shorting cap Requires rémote for GP KM Left Side programing Knuckle Mount Graphite Dimming Driver CLS UMAP Backside cutoff shield WM GY Universal Mast **DIM** 0-10v Dimming Driver Wall Mount Grey arm fitter vailable up 45L only \*Requires BAWP ECLS SL RCLS AWM RPP-3" Egg Crate Silver Adjustable Wall Mount Rightside Metallic Louver Shield RPP-4" cutoff shield 45L only СС RPP-5" ADJLS \*Round Pole Adjustable Custom Plate Adapters (RPP) Round Pole LCLS Louver Light Color Plate Adaptor Shield Leftside cutoff are to be ordered shield \*Available up to 45L only **VWC** Visionaire separately. BD \*BAWP to be Barn Door Wireless ordered Shield HS Controls separately \*Consult House shield Factory

### **VSX-II Array** LED Specifications



### **Ordering Information**

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE
VSX-II	<b>T1</b> Type 1	5L	<b>3K</b> 3000K	<b>UNV</b> 120-277V
	<b>T2</b> Type 2	10L	4K	<b>8</b> 347V
	T3	15L	4000K	
	Туре 3	20L	<b>5K</b> 5000K	<b>5</b> 480V
	<b>T3L</b> Type 3 Long	25L		
	<b>T4</b> Type 4			
	<b>T4L</b> Type 4 Long			
	<b>T4A</b> Type 4 Automotive			
	<b>T5SR</b> Type 5 Short Round			
	<b>T5LR</b> Type 5 Long Round			
	<b>T5LS</b> Type Long Square			

### VSX-II Array LED Luminaire

The new VSX-II Array LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

#### Key Features:

- Die-Cast aluminum housing
- IP65 Housing and LED optical assembly
- 400 W Replacement
- 10 Specification Grade low glare optics
- 4,000 25,000 lumen packages
- 202 400 wattage range
- 120-277 universal Drivers, 347 & 480 voltage drivers
- 10KV Surge Protector
- 90% Power Factor
- 10 Year Electrical Warranty
- PangeaLink compatible
- Mounts to round or square pole
- 7 Versatile Mounting Options
- 3, 5 and 7 Photocell receptacles
- 0-10V Dimming driver
- Title 24 Compliant Motion Sensor







	Project Name:
	Catalog Number:
	Type:
1	The new <b>VSX-II Array LED</b> Series offers clean, functional styling that defined by its sleek low profile design and rugged construction. It combines th latest LED Array technology, advanced LED thermal management an provides outdoor lighting that is both energy efficient and aesthetically pleasir
	The LED's performance and the driver's life are maximized by enclosing them two separate die cast aluminum housings.
	The VSX-II Array LED fixture is offered with lumen packages ranging from 5,00 - 25,000. Ten optical distribution patterns are available. Choose between 3000 4000 or 5000 Kelvin temperature of the LEDs.
	A durable polyester powder coat finish is guaranteed for five years; and available in standard or custom colors.

The VSX-II Array LED series is an exceptional choice for commercial parking lots, office complexes, architectural projects, and other general lighting projects.







### V-Sconce-II LED Luminaire

VSC-II – part of our V-Collection is a high performance architectural LED luminaire to be used in outdoor lighting applications. Sleek design takes advantage of the low profile LED lamp technology. Superior thermal management allows for maximum LPW output.

Cast aluminum construction provides years of reliable operation. A durable polyester powder coat finish is guaranteed for five years and is available in standard or custom colors.

Six different IES light distribution patterns make the VSC-II ideal for any site.

#### Key Features:

- Cast Aluminum Housing
- Separate Driver Compartment
- T1, T2, T3, T4, Flood Narrow & Flood Medium Optics
- 3000K CCT, 4000K CCT and 5000K CCT
- 2,000 13,000+ Lumen package
- 120- 277 UNV Voltage Drivers, 347 & 480 Voltage Drivers
- 18 105 Wattage range
- Conduit Box with (2) 1/2" Threaded Conduit Holes
- Button Type Photocell
- Title 24 Compliant Motion Sensor
- 0-10V Dimming
- Emergency Battery Pack
- Back Plate for Retrofit applications
- Up-light configuration

### facts

### **V-Sconce-II** LED Specifications



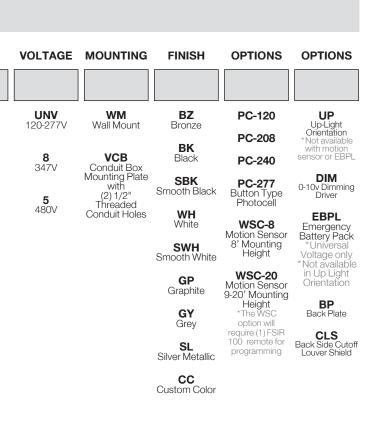
### **Ordering Information**

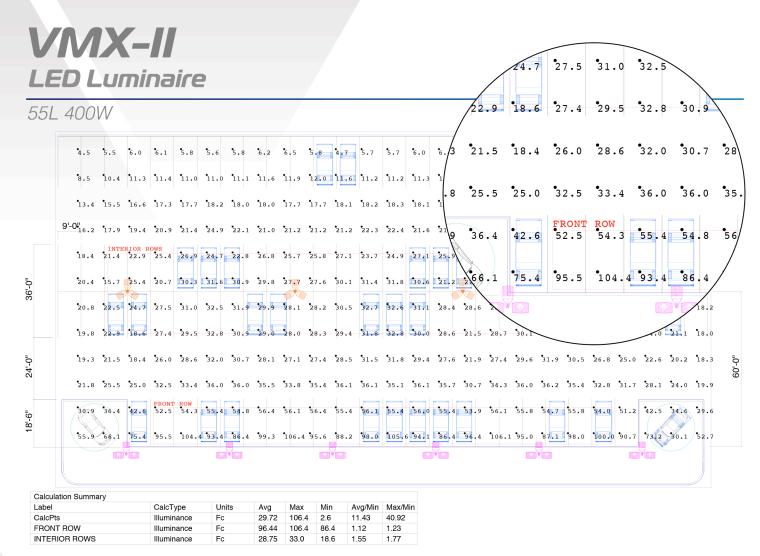
MODEL	OPTICS	SOURCE	CURRENT	KELVIN
VSC-II	<b>T1</b> Type 1	16LC	<b>3</b> 350mA	<b>3K</b> 3000K
	T2	32LC	5	4K
	Type 2	48LC	530mA	4000K
	<b>T3</b> Type 3		<b>7</b> 700mA	<b>5K</b> 5000K
	<b>T4</b> Type 4		<b>10</b> 1050mA	
	<b>FM</b> Flood Medium		*Not Available in 48LC	
	FN			

Flood Narrow

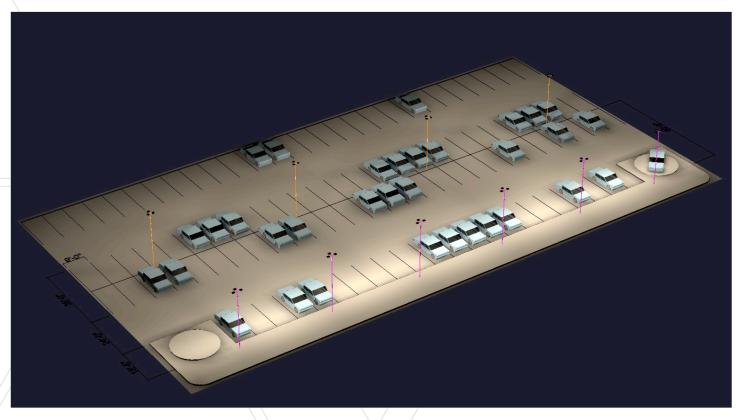
Project Name:
Catalog Number:
Туре:
The <b>VSC-II LED</b> wall mount Series continues the unique contemporary design that is inspired by the V-Collection light series. It combines LED performance and advanced LED thermal management technology and provides lighting that is energy efficient and aesthetically pleasing.
The LED performance and the driver's life are maximized by enclosing them in two separate cast aluminum housings. Easy access for mounting and maintenance.
The LED light assemblies come with 16, 32, or 48 LEDs.
Choose between 3000, 4000 or 5000 Kelvin temperature for the LEDs.
A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

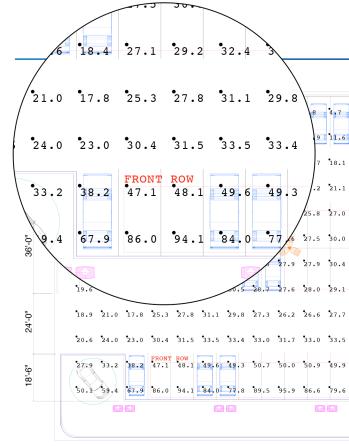
The VSC-II LED Series is an exceptional choice for office complexes, schools, commercial buildings, and many architectural projects.





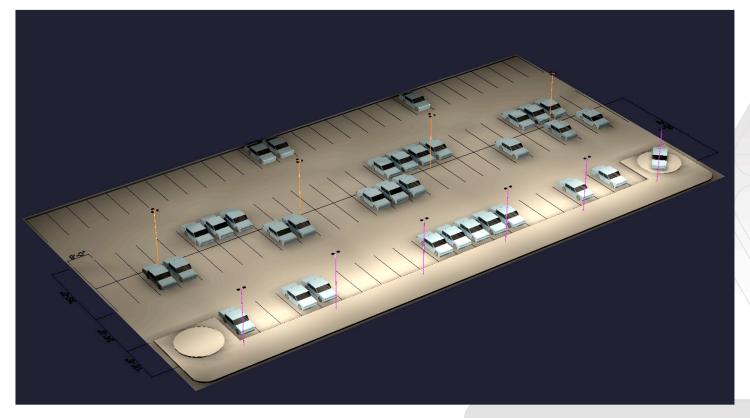
Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts	
3-	6	A3	GROUP	N.A.	0.950	VISIONAIRE VMX-II-T4A-40L-5K-VOLT-T90° RO @ 25' MTG. HT	N.A.	N.A.	
>	4	В	3 @ 120 DEGREES	N.A.	0.950	VISIONAIRE VMX-II-T5LS-55L-5K-VOLT-T120° @ 25' MTG. HT	B5-U0-G5	400	





Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg
CalcPts	Illuminance	Fc	28.27	95.9	2.6	10.8
FRONT ROW	Illuminance	Fc	86.88	95.9	77.8	1.12
INTERIOR ROWS	Illuminance	Fc	28.54	32.7	18.4	1.55

Lumir	Luminaire Schedule												
Symb	loc	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts				
		6	А	ROTATED OPTICS	N.A.	0.950	VISIONAIRE VMX-II-T4A-55L-5K-VOLT-T180° RO @ 25' MTG. HT	B5-U0-G4	400				
>	•	4	В	3 @ 120 DEGREES	N.A.	0.950	VISIONAIRE VMX-II-T5LS-55L-5K-VOLT-T120° @ 25' MTG. HT	B5-U0-G5	400				





55L 400W

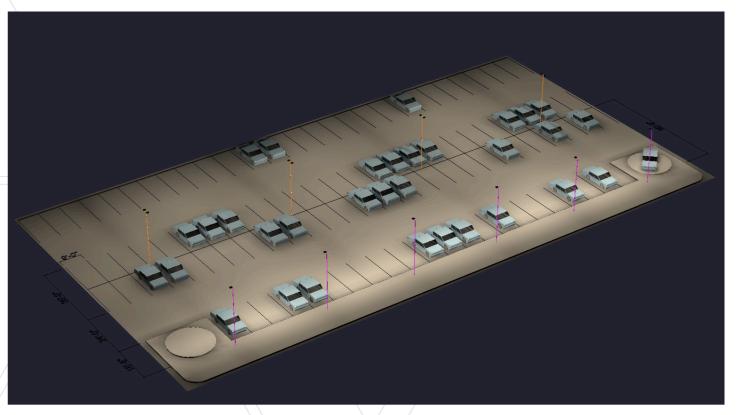
E	5.6	<b>5</b> .7	<b>6</b> .0	<b>6.</b> 4	6.5	6.3	5.9	2.6	5.7	<b>6.</b> 0	6.1	5.8	4.9	3.7	
5	11.2	•11.2	•11.3	<b>1</b> 1.8	12.0	11.8	•11.2	11.5	11.0	<b>1</b> 1.2	<b>1</b> 1.4	<b>1</b> 0.8	<b>9</b> .3	<b>7</b> .1	
L	<b>1</b> 8.2	<b>1</b> 8.3	<b>1</b> 8.0	<b>1</b> 7.7	<b>1</b> 7.7	<b>1</b> 7.8	<b>1</b> 7.9	18.2	<b>1</b> 7.9	<b>1</b> 7.6	16.8	<b>1</b> 5.9	<b>1</b> 4.3	<b>1</b> 1.4	
L	22.3	22.4	21.5	21.5	<b>2</b> 1.0	21.6	<b>2</b> 1.7	24.9	<b>2</b> 1.9	20.4	<b>1</b> 9.9	<b>1</b> 8.5	<b>1</b> 6.7	<b>•</b> 14.9	
)	23.7	24.8	27.1	25.9	24.8	26.1	27.5	25.0	22.8	25.9	23.8	22.0	<b>1</b> 9.6	<b>1</b> 1.6	
)	31.3	31.7	30.5	21.1	27.7	<b>2</b> 1.7	30.7	31.5	30.6	29.4	25.7	23.0	21.7	17.8	
1	<b>3</b> 2.6	32.4	30.9	28.1	28.4	28.5	<b>3</b> 1.3	32.4	31.8	29.1	26.1	23.5	21.8	18.2	
L	• 31.3	32.4	29.6	28.3	21.1	28.4	29.7	32.7	30.3	27.8	25.8	23.7	20.8	<b>1</b> 7.8	
7	30.6	<b>3</b> 1.0	28.5	26.8	21.0	26.6	28.8	<b>3</b> 1.1	29.6	26.0	24.2	22.1	<b>1</b> 9.7	<b>1</b> 7.9	
5	33.5	<b>3</b> 2.7	<b>3</b> 3.7	<b>3</b> 3.1	<b>2</b> 8.1	<b>3</b> 1.9	•33.4	<b>3</b> 3.6	<b>3</b> 3.0	<b>3</b> 0.9	<b>2</b> 9.6	<b>2</b> 6.3	22.6	<b>1</b> 8.7	Ō
)	50.3	49.7	<b>5</b> 0.3	49.9	48.3	50.0	50.0	49.2	50.0	48.4	46.0	•38.4	31.3	•26.6	
5	88.2	94.8	84.7	•77.8	86.5	95.6	85.8	•79 <mark>.2</mark>	88.2	89.5	81.8	65.9	26.9	•47.8	
							¢				÷				

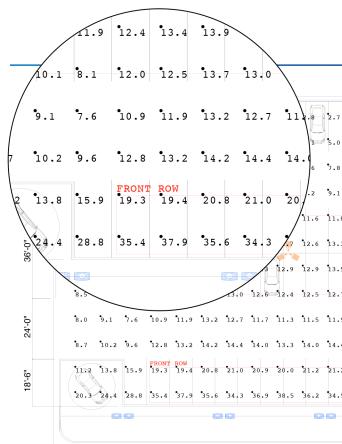
/Min	Max/Min
37	36.88
2	1.23
5	1.78

### VMX-II 17.6 19.9 22.1 LED Luminaire .5 9.4 16.9 18.5 21.4 19.5 55L 400W 2.7 3.0 2.1 3.6 4.0 4.3 4.2 3.9 3.7 3.1 2.6 4.2 4.4 4.1 /13.5 9.6 16.2 18.2 21.4 19.5 17. **5**.6 **6**.1 **4**.1 **7**.2 **8**.1 **9**.0 **8**.7 **7**.7 **7**.2 **7**.3 **7**.9 **8**.9 **9**.0 **8**.2 9.1 10.1 6.6 11.7 13.1 14.7 13.9 12.4 11.8 11.8 12.6 14.2 14.7 13.1 15.3 13.1 19.3 21.0 23.5 22.7 21.1 **9'-0"**10.4 11.7 7.5 13.7 15.4 18.3 16.5 14.4 13.9 13.9 14.6 17.1 18.1 15.3 18.7 20.5 27.1 29.4 30.4 29.5 29. INTERIOR ROWS 11.9 13.6 8.5 15.8 17.4 20.0 18.2 16.6 16.5 16.5 16.9 18.8 19.9 17.3 1 13.7 14.6 16.3 17.2 19.4 21.7 20.2 18.7 172 17.1 19.1 20.7 21.6 19.5 17.3 2 34.7 45.4 50.4 44.5 41.1 14.0 14.7 16.5 17.6 19.9 22.1 20.6 19.1 17.4 17.3 19.4 21.2 21.9 19.8 17.8 1 12.6 14.5 9.4 16.9 18.5 21.4 19.5 17.7 17.6 17.7 18.1 20.1 21.1 18.6 17.5 10.9 17.5 13.2 11.4 11.8 13.5 9.6 16.2 18.2 21.4 19.5 17.5 16.9 17.0 17.7 20.1 21.0 18.4 17.1 11.6 17.0 18.6 21.4 19.5 16.9 15.7 14.3 12.4 11.4 13.2 15.3 13.1 19.3 21.0 23.5 22.7 21.1 19.9 20.6 21.6 23.0 22.9 21.9 20.9 16.2 20.2 22.2 23.6 22.4 19.9 18.7 16.7 14.2 12.6 16.3 18.7 20.5 7.1 29.4 30.4 29.5 29.4 28.6 28.7 28.8 30.7 30.8 29.7 28.3 29.3 29.1 29.6 30.0 30.2 28.6 26.1 21.5 17.9 16.1 26.9 31.2 34.7 45.4 50.4 44.5 41.1 47.4 50.3 45.1 42.1 46.4 51.0 44.6 41.9 44.9 50.8 45.7 42.7 46.3 47.8 42.3 34.3 44.3 25.7

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	Illuminance	Fc	17.45	51.0	2.1	8.31	24.29
FRONT ROW	Illuminance	Fc	46.02	51.0	41.1	1.12	1.24
INTERIOR ROWS	Illuminance	Fc	18.48	22.1	9.4	1.97	2.35

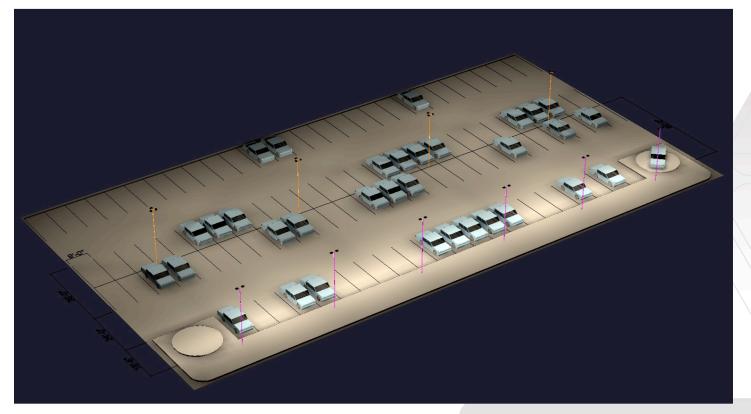
Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts			
Image: A state of the state	6	A	SINGLE	N.A.	0.950	VISIONAIRE VMX-II-T4A-40L-5K-VOLT-SINGLE @ 25' MTG. HT	B5-U0-G4	400			
	4	В	2 @ 180 DEGREES	N.A.	0.950	VISIONAIRE VMX-II-T5LS-55L-5K-VOLT-D180° @ 25' MTG. HT	B5-U0-G5	400			





Label	CalcType	Units	Avg	Max	Min	Av
CalcPts	Illuminance	Fc	12.14	38.6	1.6	7.5
FRONT ROW	Illuminance	Fc	36.38	38.6	34.2	1.0
INTERIOR ROWS	Illuminance	Fc	12.60	14.0	8.1	1.5

Luminaire S	Luminaire Schedule												
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts					
6	6	А	ROTATED OPTICS	N.A.	0.950	VISIONAIRE VSX-II-T4A-25L-5K-VOLT-D180° RO @ 25' MTG. HT	B3-U0-G3	167					
>	4	В	3 @ 120 DEGREES	N.A.	0.950	VISIONAIRE VSX-II-T5LS-25L-5K-VOLT-T120° @ 25' MTG. HT	B5-U0-G3	167					



### **VSX-II** LED Luminaire

25L 167W

7	2.5	2.5	<b>2.</b> 7	2.8	2.9	2.8	•2.6	• <b>2.</b> 4	2.5	2.6	2.7	2.5	•2.2	•1.6
)	•4.8	<b>4</b> .8	<b>•</b> 4.9	5.1	5.1	5.1	4.8	• <b>4</b> .7	4.7	4.9	<b>4</b> .9	<b>4</b> .6	• <b>4.</b> 0	<b>3</b> .1
3	•7.8	<b>*</b> 7.8	•7.8	<b>7</b> .6	<b>7</b> .5	•7.7	•7.7	<b>7</b> .8	•7.7	<b>7</b> .6	•7.2	<b>6</b> .8	6.2	<b>•</b> 4.9
L	9.5	9.5	9.2	9.3	9.2	9.4	9.3	•10.7	9.3	8.8	8.6	8.0	•7.3	<b>6</b> .5
8	10.0	10.5	•11.9	<b>1</b> 1.6	<b>1</b> 1.4	<b>1</b> 1.7	<b>1</b> 1.9	<b>1</b> 0.6	9.6	•11.4	•10.8	•10.0	8.7	•4.9
3	13.5	<b>1</b> 3.7	<b>1</b> 3.4	9.5	12.8	9.7	13.3	13.6	13.3	12.9	11.9	10.8	9.8	<b>*</b> .7
5	13.9	<b>1</b> 4.0	<b>1</b> 3.7	12.8	13.1	12.9	<b>1</b> 3.7	<b>1</b> 3.8	13.6	13.0	12.0	10.9	9.8	•7.9
.7	<b>1</b> 3.3	13.7	12.8	12.5	9.2	12.5	12.8	13.8	12.9	12.1	<b>1</b> 1.6	10.6	<b>9.</b> 1	•7.5
9	<b>1</b> 2.9	13.2	12.2	<b>1</b> 1.6	8.9	11.5	12.3	<b>1</b> 3.2	12.5	<b>1</b> 1.1	<b>1</b> 0.4	9.5	<b>8.</b> 4	•7.6
. 4	<b>1</b> 4.2	<b>1</b> 3.7	<b>1</b> 4.3	•14.2	<b>1</b> 1.7	<b>1</b> 3.4	<b>1</b> 4.3	<b>1</b> 4.3	13.9	12.9	12.5	<b>1</b> 1.2	<b>9</b> .6	•7.9
2	20.7	19.9	21.0	21.3	19.8	20.1	21.0	21.0	20.6	<b>1</b> 9.1	18.9	•16.2	12.8	<b>1</b> 0.
5	36.8	<b>3</b> 8.3	<b>3</b> 6.1	34.5	36.6	38.6	<b>3</b> 6.1	<b>3</b> 4.2	36.6	<b>3</b> 7.8	<b>3</b> 3.9	27.9	23.0	•19.
			03											

vg/Min Max/Min 59 24.13 06 1.13 56 1.73

### **BLX-III** LED Specifications



### **Ordering Information**

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE	MO
BLX-III-3	<b>T1</b> Type 1	20L	<b>3K</b> 3000K	<b>UNV</b> 120-277V	Pc
	T2	25L	4K	8	Mast
	Type 2	30L	4000K	347V	Mast
	<b>T3</b>	35L	<b>5K</b>	5	Knuc
	Type 3	40L	5000K	480V	Bolt
	<b>T3L</b> Type 3 Long	45L			Am
	<b>T4</b> Type 4	50L			Exter is r
BLX-III-4	T4A	55L			BÜ
	Type 4 Automotive	60L			in [ T12
	T4L	65L			confi *e>
	Type 4 Long	70L			arı sep
BLX-III-6	– <b>T5SR -</b> Type 5 Short Round	80L			Tri N
		90L			
	<b>T5LR</b> Type 5 Long	100L			
	Round	110L			
	<b>T5LS</b> – Type Long –				
BLX-III-8	Śquare	120L			
		130L			
		145L			

### **VISIONAIRE LIGHTING**

### BLX-III LED Luminaire

The BLX-III Array creates a 145,000+ lumen site lighting package for high light level LED applications. A dedicated heat sink for each LED array maximizes the thermal management characteristics of the BOW LX II Array. Multiple mounting options including an adjustable knuckle slip fits over a 2 3/8" tenon, and allows for up to 90 degrees of vertical adjustment in 10 degree increments from horizontal, as well as full side to side adjustment. A Bolt-On Arm that utilizes a 2 piece cleat system for easy installation. A Mast Arm Fitter that fits over a 2 3/8" tenon. A Post Top Mount that fits over a 2 3/8" tenon and is adjustable up to 45° and a Trunnion Mount that is adjustable up to 45°.

Key Features:

- Die cast aluminum housing
- Integrated heat sink
- Field adjustable knuckle
- Quick Install
- 8 IES optic patterns
- 145,000+ lumen packages
- 3X, 4X, 6X or 8X LED Array design
- Ideal for Automotive and large site light projects





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)	

Project Name:	
Catalog Number:	
Туре:	
the sleek styling of the the individual die-cast Driver(s); and maximiz	LED Series continues the unique contemporary design inspired BOW family. Separating the extruded aluminum driver housing a aluminum linear LED engines: optimize the life of the LEDs and t es the lumen output of the fixture. The adjustable knuckle allows vertical adjustment for putting the light exactly where you need it.
	LED light engines come with 32 LEDs; for a max total of 256 LED on patterns are available.
	tomotive distribution pattern is available for the front rows of Ar in 3000, 4000, 5000 Kelvin temperature.
A durable polyester standard or custom co	powder coat finish is guaranteed for five years; and is available

The BOW LX-III LED series is an exceptional choice for auto dealerships, shopping centers, commercial parking lots and general area lighting.

UNTING	MOUNTING	FINISH	OPTIONS	OPTIONS	OPTIONS
PT ost Top MA	WM Wall Mount BLX-III-3 &	<b>GY</b> Grey	PCR-120 PCR-208 PCR-240	DIM 0-10v Dimming Driver No Controls	ROT-R Rotated Optics
Arm Fitter KM kle Mount	BLX-III-4 Only Adjustable Wall Mount	SL Silver Metallic	PCR-240 PCR-277 PCR-347 PCR-480	WSC-8 Motion Sensor 8' Mounting	Right Side ROT-L Rotated Optics
BOA t-On Arm AM	BLX-III-3 & BLX-III-4 Only BAWP	BK Black SBK	Photocell & Receptacle	Height WSC-20 Motion Sensor	Left Side <b>VWC</b> Visionaire
n Mount nded arm needed or the	Bolt-On Arm Wall Plate *BLX-III-3 & BLX-III-4 only	Smooth Black	PER 3 Pin Photo Receptacle w/shorting	9-20' Mounting Height WSC-40 Motion Sensor	Wireless Controls *Consult Factory
X-III-6 & LX-III-8 D9, T9, 20 & QD gurations (tended	BAWP-XL Bolt-On Arm Wall Plate-XL *BLX-III-6 & BLX-III-8 only	WH White SWH Smooth White	cap 5PINPER 7PINPER 5 OR 7 Pin Photo	21-40' Mounting Height *The WSC option will require	RPP Round Pole Plate Adaptor For 3"Ø - 5"Ø Pole
m sold barately <b>TM</b> unnion Nount	<b>UPMA-S</b> Universal Square Pole Mount Adaptor *Not	BZ Bronze GP Graphite	Receptacle w/shorting cap Requires Dimming Driver	(1) FSIR 100 remote for programing	
	available with BLX-II-8 Universal Round Pole Mount Adaptor * Not available with BLX-II-8	CC Custom Color			





### **BSX-III** LED Luminaire

The BOW SX III uses the successful BOW components to create up to a 17,000+ lumen lighting package for high light level LED applications. A dedicated heat sink for each LED array maximizes the thermal management characteristics of the BOW SX III. An adjustable knuckle slip fits over a 2 3/8 inch Tenon, and allows for up to 90 degrees of vertical adjustment in 10 degree increments. Also available for Wall Mount or Bolt-On Arm mounting.

#### Key Features:

- Die cast aluminum housing
- Integrated heat sink
- Field adjustable knuckle
- Quick Install
- 8 IES optic patterns
- 17,000 + lumen packages
- 2X, 3X or 4X LED Array design
- Dimming Capable





### **BOW SX-III** LED Specifications

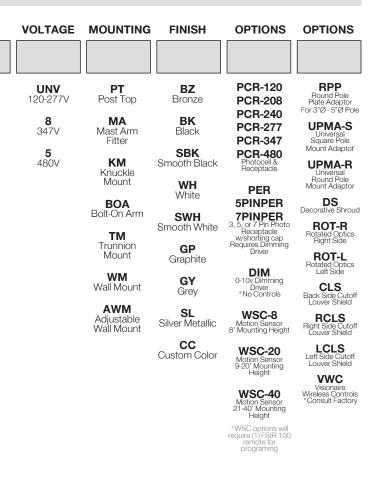


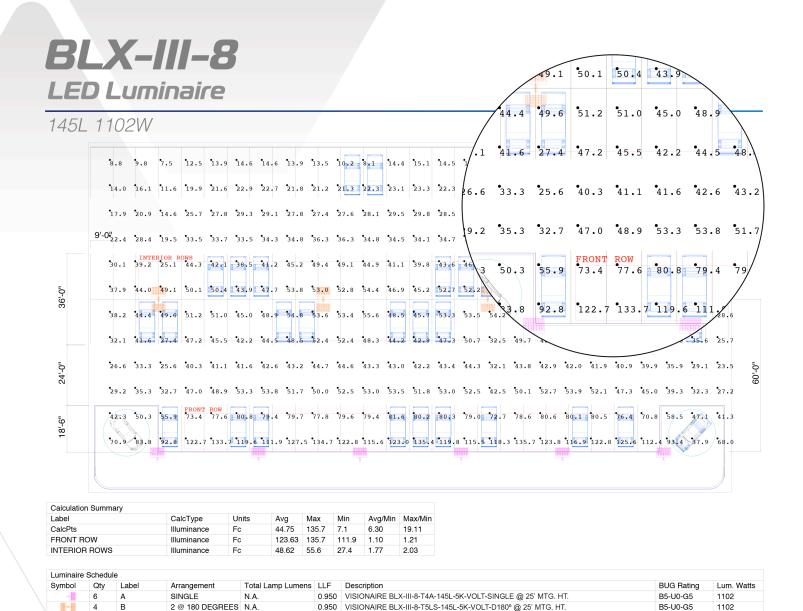
### **Ordering Information**

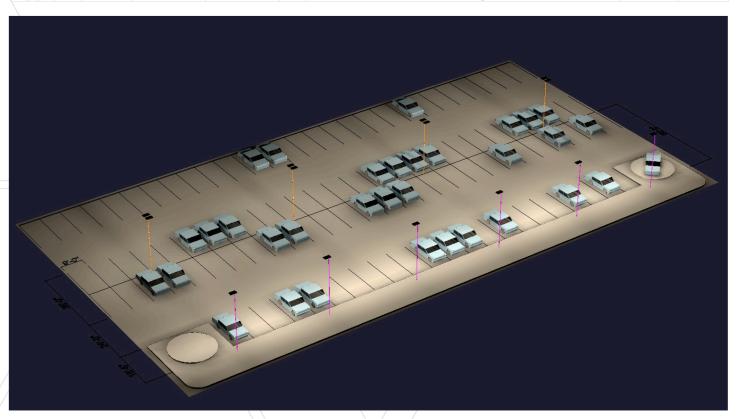
MODEL	OPTICS	SOURCE	CURRENT	KELVIN
BSX-III-2	<b>T1</b> Type 1	32LC	<b>3</b> 350mA	<b>3K</b> 3000K
BSX-III-3	<b>T2</b> Type 2	48LC	<b>5</b> 530mA	<b>4K</b> 4000K
BSX-III-4	<b>T3</b> Type 3	64LC	<b>7</b> 700mA	<b>5K</b> 5000K
	<b>T4</b> Type 4		<b>10</b> 1050mA	
	<b>T4A</b> Type 4 Automotive			
	<b>T5</b> Type 5			
	<b>T5W</b> Type 5 Wide			
	FN			
	FM			

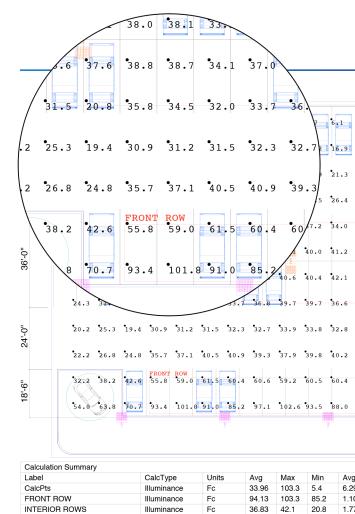


	Project Name:
	Catalog Number:
	Туре:
	The new <b>BOW SX-III LED</b> Series continues the unique contemporary design inspired by the sleek styling of the BOW family. Separating the extruded aluminum driver housing and the individual die-cast aluminum linear LED engines: optimize the life of the LEDs and the Driver(s); and maximizes the lumen output of the fixture.
	Each of the individual LED light engines come with 16 LEDs; for a max total of 64 LEDs. Nine optical distribution patterns are available.
	Available in 3000, 4000 or 5000 Kelvin temperature. A durable polyes- ter powder coat finish is guaranteed for five years; and is available in standard or custom colors.
s	The <b>BOW SX-III LED</b> series is an exceptional choice for shopping centers, schools, office buildings, and general area lighting.

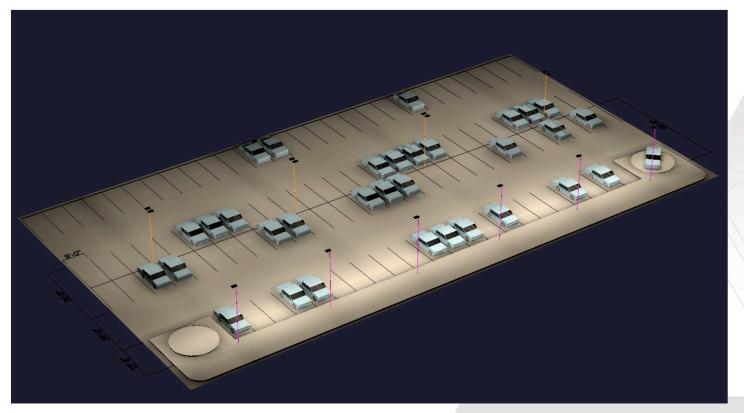








Luminaire Schedule												
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts				
	6	Α	SINGLE	N.A.	0.950	VISIONAIRE BLX-III-6-T4A-110L-5K-VOLT-SINGLE @ 25' MTG. HT.	B5-U0-G5	793				
	4	В	2 @ 180 DEGREES	N.A.	0.950	VISIONAIRE BLX-III-6-T5LS-110L-5K-VOLT-D180° @ 25' MTG. HT.	B5-U0-G5	793				

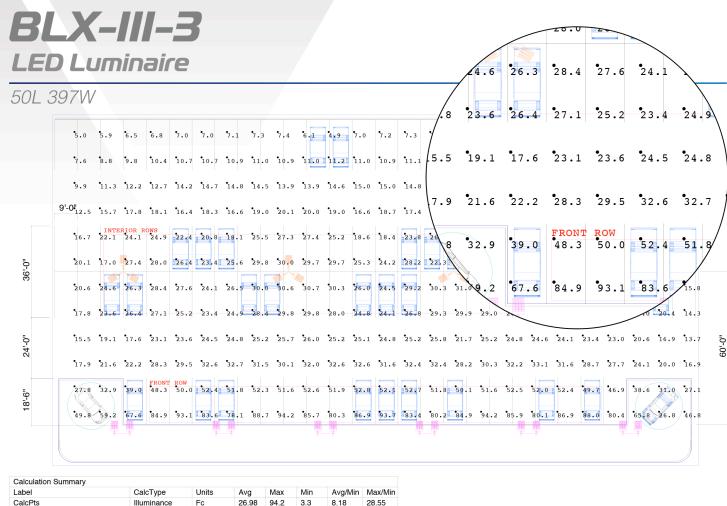




110L 793W

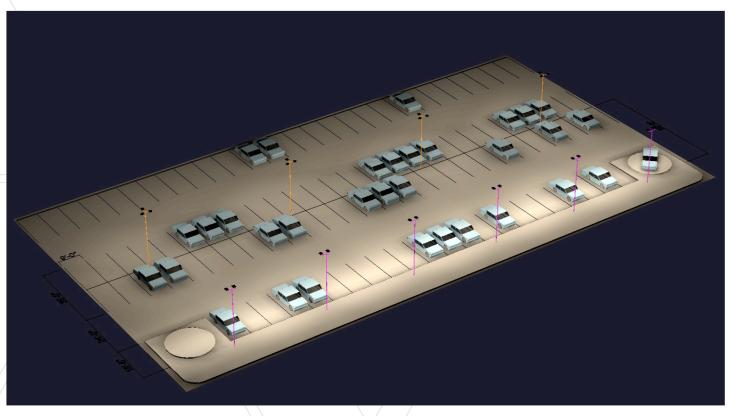
$\begin{array}{cccccccccccccccccccccccccccccccccccc$														
22.3       22.6       21.6       20.9       13.8       20.9       21.7       22.3       21.6       20.1       18.6       16.7       14.3       12.3         26.2       25.8       26.3       27.1       17.9       26.8       26.1       25.5       25.7       25.4       25.1       22.9       18.5       14.8         31.1       30.2       33.0       35.5       21.6       35.0       32.8       29.7       31.0       32.9       34.7       32.2       25.3       18.2         35.5       34.2       33.9       39.6       40.0       39.8       38.6       33.5       35.9       40.0       37.8       34.7       32.0       21.4         36.7       34.6       40.4       40.5       41.0       40.3       39.3       34.2       36.8       40.4       38.1       35.0       32.2       21.6         33.6       32.6       38.4       24.7       37.6       35.1       32.0       33.4       35.2       36.8       34.1       26.9       19.5         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.9       31.8       31.0       30.3       27.2       2	10	.9 11	.4 11.0	<b>1</b> 0.4	•7.5	•10.4	10.9	5.4	10.8	9.9	8.7	•7.7	6.9	•6.2
26.2       25.8       26.3       27.1       17.9       26.8       26.1       25.5       25.7       25.4       25.1       22.9       18.5       14.8         31.1       30.2       33.0       35.5       21.6       35.0       32.8       29.7       31.0       32.9       34.7       32.2       25.3       18.2         35.5       34.2       33.9       33.6       40.0       37.8       34.7       32.0       21.4         36.7       34.6       40.4       40.5       41.0       40.3       39.3       34.2       36.8       40.4       58.1       35.0       32.2       21.6         33.5       32.6       35.8       38.4       24.7       37.6       35.1       32.0       33.4       35.2       36.8       34.1       26.9       19.5         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.9       31.8       31.0       30.3       27.2       22.1       17.8         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.9       31.8       31.0       30.3       27.2       22.1       17.8         40.6       39	<b>1</b> 7	.5 17	.7 16.9	<b>1</b> 6.3	<b>1</b> 1.1	<b>1</b> 6.3	<b>1</b> 6.9	18.0	16.8	<b>1</b> 5.6	•14.1	<b>1</b> 2.7	11.2	<b>9</b> .7
31.1       30.2       33.0       35.6       21.0       35.0       32.8       29.7       31.0       32.9       34.7       32.2       25.3       18.2         35.5       34.2       33.9       39.5       40.0       39.8       38.6       33.5       35.9       40.0       37.3       34.7       32.0       21.4         36.7       34.6       40.4       40.5       41.0       40.3       39.3       34.2       36.8       40.4       38.1       35.0       32.2       21.6         33.6       32.2       35.8       38.4       24.7       37.6       35.1       32.0       33.4       35.2       36.8       34.1       26.9       19.5         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.8       31.0       30.3       27.2       22.1       17.8         40.6       39.3       40.2       39.8       32.5       31.9       31.8       31.0       30.3       27.2       22.1       17.8         40.6       39.3       40.2       39.8       32.3       38.0       40.1       40.9       39.6       35.9       34.2       29.8       24.6       20.6	22	.3 22	.6 21.6	20.9	13.8	20.9	<b>2</b> 1.7	22.3	21.6	20.1	<b>1</b> 8.6	<b>1</b> 6.7	<b>1</b> 4.3	<b>1</b> 2.3
35.5       34.2       39.9       39.5       40.0       39.8       38.6       33.5       35.9       40.0       37.8       34.7       32.0       21.4         36.7       34.6       40.4       40.5       41.0       40.3       39.3       34.2       36.8       40.4       38.1       35.0       32.2       21.6         33.5       32.5       35.8       38.4       24.7       37.6       35.1       32.0       33.4       35.2       36.8       34.1       26.9       19.5         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.8       31.0       30.3       27.2       22.1       17.8         40.6       39.3       40.2       39.8       32.3       38.0       40.1       40.9       39.6       35.9       34.2       29.8       24.6       20.6         40.6       39.3       40.2       39.8       32.3       38.0       40.1       40.9       39.6       35.9       34.2       29.8       24.6       20.6         40.6       39.3       40.2       39.8       52.3       59.8       61.3       60.9       61.2       36.1       53.8       44.5       3	<b>2</b> 6	•2 <sup>2</sup> 5	.8 26.3	<b>2</b> 7.1	<b>1</b> 7.9	26.8	<b>2</b> 6.1	25.5	<b>2</b> 5.7	<b>2</b> 5.4	<b>2</b> 5.1	<b>2</b> 2.9	18.5	<b>1</b> 4.8
36.7       34.6       40.4       40.5       41.0       40.3       39.3       34.2       36.8       40.4       38.1       35.0       32.2       21.6         33.5       32.5       35.8       38.4       24.7       37.6       35.1       32.0       33.4       35.2       36.8       34.1       26.9       19.5         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.9       31.8       31.0       30.3       27.2       22.1       17.8         40.6       39.3       40.2       39.8       32.3       38.0       40.1       40.9       39.6       35.9       34.2       29.8       24.6       20.6         62.0       61.0       61.1       60.1       55.3       59.8       61.3       60.9       61.2       38.1       53.8       44.5       35.8       31.4	31	.1 30.	.2 33.0	35.5	21.8	35.0	32.8	29.7	31.0	32.9	34.7	32.2	25.3	•18.2
33.5       32.5       35.8       38.4       24.7       37.6       35.1       32.0       33.4       35.2       36.8       34.1       26.9       19.5         32.6       32.0       32.9       33.6       24.4       33.2       32.5       31.9       31.8       31.0       30.3       27.2       22.1       17.8         40.6       39.3       40.2       39.8       32.3       38.0       40.1       40.9       39.6       35.9       34.2       29.8       24.6       20.6         62.0       61.0       61.1       60.1       35.3       59.8       61.3       60.9       61.2       58.1       53.8       44.5       35.8       31.4	35	.5 34	.2 39.9	39.5	40.0	39.8	38.6	33.5	35.9	40.0	37.3	<b>3</b> 4.7	32.0	21.4
32.6 32.0 32.9 33.6 24.4 33.2 32.5 31.9 31.8 31.0 30.3 27.2 22.1 17.8 40.6 39.3 40.2 39.8 32.3 38.0 40.1 40.9 39.6 35.9 34.2 29.8 24.6 20.6 92.0 61.0 61.1 60.1 35.3 59.8 61.3 60.9 61.2 38.1 53.8 44.5 35.8 31.4	<b>3</b> 6	.7 34	.6 40.4	40.5	41.0	<b>4</b> 0.3	<b>3</b> 9.3	34.2	36.8	<b>4</b> 0.4	38.1	<b>3</b> 5.0	32.2	21.6
40.6 39.3 40.2 39.8 32.3 38.0 40.1 40.9 39.6 35.9 34.2 29.8 24.6 20.6 62.0 61.0 61.1 60.1 35.3 59.8 61.3 60.9 61.2 38.1 53.8 44.5 35.8 31.4	•33	.5 32.	.5 35.8	38.4	24.7	37.6	35.1	32.0	33.4	35.2	36.8	<b>3</b> 4.1	26.9	<b>1</b> 9.5
<b>62.0 61.0 61.1</b> 60.1 <b>55</b> .3 59.8 61.3 60.9 61.2 <b>58.1</b> 53.8 44.5 35.8 31.4	<b>3</b> 2	.6 32	.0 32.9	33.6	<b>2</b> 4.4	<b>3</b> 3.2	32.5	<b>3</b> 1.9	31.8	<b>3</b> 1.0	<b>3</b> 0.3	<b>2</b> 7.2	22.1	<b>1</b> 7.8
	•40	.6 39	.3 40.2	39.8	32.3	38.0	<b>4</b> 0.1	<b>4</b> 0.9	39.6	35.9	34.2	29.8	24.6	20.6
93.6 103 1 91.2 87.9 90.1 103.3 94.3 89.0 93.5 95.7 85.6 71.1 28.8 51.7	62	.0 61	.0 61.1	60.1	\$5.3	59.8	•61.3	60.9	61.2	58.1	<b>5</b> 3.8	•44.5	35.8	•31.4
	93	.6 10:	3.1 <b>9</b> 1.2	87.9	90.1	•103.3	94.3	89.0	93.5	95.7	85.6	•71.1	28.8	•51.7
								8						

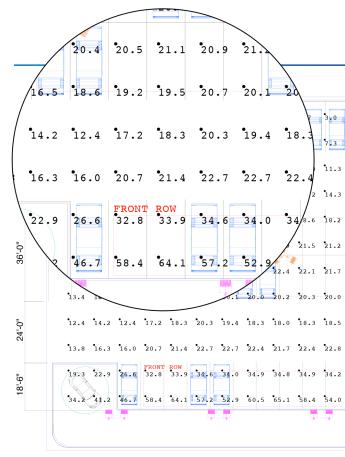
rg/Min	Max/Min
29	19.13
10	1.21
77	2.02



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	Illuminance	Fc	26.98	94.2	3.3	8.18	28.55
FRONT ROW	Illuminance	Fc	86.27	94.2	78.1	1.10	1.21
INTERIOR ROWS	Illuminance	Fc	27.21	31.0	22.3	1.22	1.39

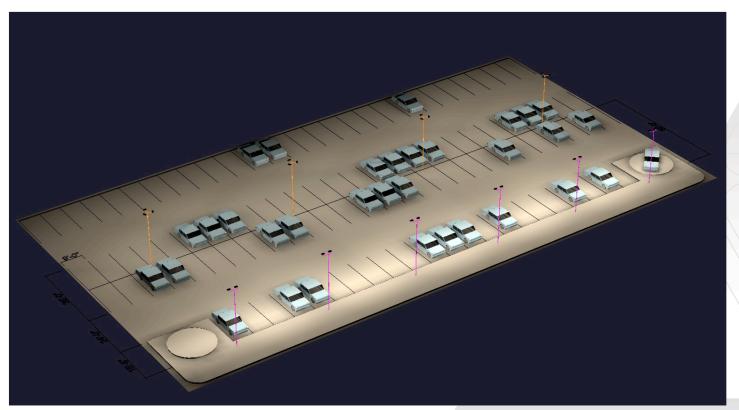
Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts			
Ľ	6	A	TWIN	N.A.	0.950	VISIONAIRE BLX-III-3-T4A-50L-5K-VOLT-TWIN @ 25' MTG. HT.	B5-U0-G4	397			
>-	4	В	3 @ 120 DEGREES	N.A.	0.950	VISIONAIRE BLX-III-3-T5LS-50L-5K-VOLT-T120° @ 25' MTG. HT.	B5-U0-G5	397			





Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg
CalcPts	Illuminance	Fc	19.37	65.1	1.7	11.
FRONT ROW	Illuminance	Fc	59.07	65.1	52.9	1.1
INTERIOR ROWS	Illuminance	Fc	20.54	22.7	15.8	1.3

Luminaire §	Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	BUG Rating	Lum. Watts				
1	6	BSX-II-4_T4A	TWIN	N.A.	0.950	BSX-III-4-T4A-35L-5K-UNV	B4-U0-G4	263				
3+	4	BSX-II-4_T5L	3 @ 120 DEGREES	N.A.	0.950	BSX-III-4-T5LS-35L-5K-UNV	B5-U0-G4	263				



### BSX-III-4 LED Luminaire

35L 263W

3.6	<b>3</b> .7	3.9	• <b>4.</b> 1	• 4.1	• <b>4</b> .0	•3.8	•1.7	<b>3.</b> 7	<b>*</b> 3.8	<b>3</b> .9	•3.7	<b>3.</b> 1	•2.4	
•7.0	•7.0	<b>7.</b> 1	•7.4	•7.6	<b>*</b> 7.4	•7.1	6.1	6.9	•7.1	•7.2	<b>6</b> .8	5.8	<b>4</b> .5	
<b>1</b> 1.3	<b>1</b> 1.4	<b>1</b> 1.3	•10.9	•10.9	•10.9	•11.2	<b>1</b> 1.3	<b>1</b> 1.1	<b>1</b> 11.1	•10.4	•10.1	<b>9.</b> 1	•7.2	
<b>1</b> 4.0	<b>1</b> 5.7	<b>1</b> 3.8	•14.2	•14.2	<b>1</b> 4.2	<b>1</b> 3.8	<b>1</b> 5.6	<b>1</b> 3.8	<b>1</b> 3.9	<b>1</b> 3.4	<b>1</b> 2.5	<b>1</b> 1.0	9.5	
15.3	15.9	17.9	18.3	18.2	18.2	18.1	18.9	14.8	17.8	17.5	<b>1</b> 6.3	•13.7	•7.7	
20.6	20.7	20.9	15.8	22.3	21.0	20.8	20.6	20.3	21.0	20.6	18.8	15.9	12.0	
21.4	21.0	21.4	21.4	• <b>22.</b> 7	21.3	<b>2</b> 1.4	21.0	21.2	<b>2</b> 1.1	21.0	19.3	16.2	<b>1</b> 2.3	
20.4	20.9	19.9	20.2	20.3	20.1	<b>1</b> 9.9	20.9	19.9	<b>1</b> 9.3	18.9	<b>1</b> 7.3	14.8	•11.7	
<b>1</b> 9.9	•20.2	•18.9	•18.2	•14.6	•18.0	•19.0	•20.3	<b>1</b> 9.3	•17.4	<b>1</b> 6.6	•15.2	•13.2	<b>1</b> 1.6	
22.8	•22.2	<b>22.</b> 7	22.5	<b>1</b> 9.4	21.6	22.6	22.8	22.4	20.7	<b>2</b> 0.1	•18.0	15.2	12.5	U
35.0	34.6	<b>3</b> 4.9	34.3	• <b>33</b> •5	34.9	•34.7	34.0	34.8	33.9	<b>3</b> 1.8	26.6	21.8	•18.4	
59.8	64.7	• <b>57.</b> 3	•54.2	58.7	<b>6</b> 5.0	<b>5</b> 8.2	•53.6	59.8	• 61.3	<b>5</b> 5.7	45.4	18.6	•32.3	
		-				4				-				
													/	

g/Min	Max/Min
39	38.29
2	1.23
0	1.44

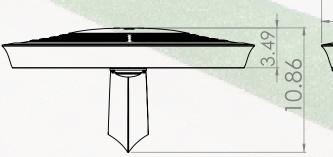
### WISIONAIRE L'GHTING

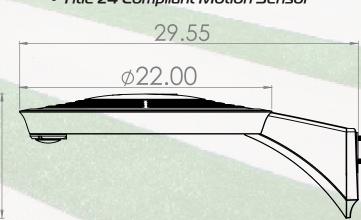
**The Lusso Collection** powered by ARRAY from Visionaire Lighting can elegantly compliment the daytime architecture of your space, while providing nighttime illumination that is up to task and equally as elegant. The collection consists of a wall sconce, bollard, single or twin arm post top and a beautiful pole mount. Available in two housings sizes and lumen packages up to 55,000 lumens thanks to our performance ARRAY LED platform. Scale and design creativity has no limits for any application.

### Lusso Medium Arm Mount

#### **Key Features**

- Cast aluminum housing
- IP65 Housing and LED optical assembly
- 400 W Replacement
- 10 Specification Grade low glare optics
- 5,000 27,000 lumen packages
- 52 200 wattage range
- 120-277 universal Drivers, 347 & 480 voltage drivers
- 10KV Surge Protector
- 90% Power Factor
- 10 Year Electrical Warranty
- PangeaLink compatible
- Ouick Mount Cleat
- Mounts to round or square pole
- 3, 5 and 7 Photocell receptacles
- 0-10V Dimming driver
- Title 24 Compliant Motion Sensor





### LUSSO ARRAY M-AM LED Specifications

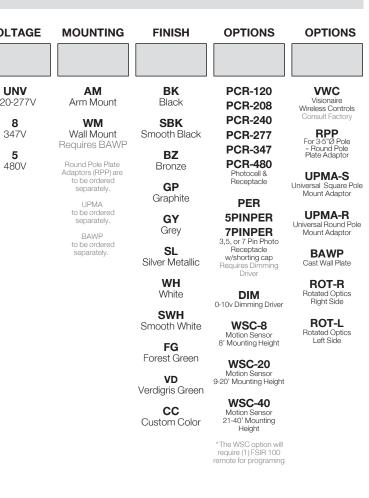


### **Ordering Information**

MODEL	OPTICS	LUMENS	KELVIN	VOI
LSO-M	T1 Type 1 T2 Type 2 T3 Type 3 Cong T4 Type 4 T4A Type 4 Automotive T4L Type 4 Automotive T4L Type 4 Automotive T5LR Type 5 Long Square T5SR Type 5 Short Round	5L 10L 15L 20L 25L	3K 3000K 4K 4000K 5K 5000K	L 120 3

**VISIONAIRE LIGHTING** 

Project Name:
Catalog Number:
Туре:
Contemporary design meets the new generation of LED green technology in this stunning lumenaire, the <b>Lusso Array</b> . The Lusso Array series provides over fifty percent energy savings over traditional HID light sources; and offers excellent beam control and LED life beyond 100,000 hours for 1400 milliamp systems. The Lusso Array is offered in ten optical distributions.
The Lusso Array's fully-sealed housing features an exceptionally well-designed thermal management system that provides superior heat dissipation.
The Lusso Array fixture is built with cast aluminum.
The <b>Lusso Array</b> is the perfect compliment to any university campus, business park, or walkway project where contemporary, architectural design is desired.



# 

The Lusso Collection powered by ARRAY from Visionaire Lighting can elegantly compliment the daytime architecture of your space, while providing nighttime illumination that is up to task and equally as elegant. The collection consists of a wall sconce, bollard, single or twin arm post top and a beautiful pole mount. Available in two housings sizes and lumen packages up to 55,000 lumens thanks to our performance ARRAY LED platform. Scale and design creativity has no limits for any application.

## LUSSO Large Arm Mount

Ø27.98

Ø16.25

**Key Features** 

- Cast aluminum housing
- IP65 Housing and LED optical assembly
- 1000 W Replacement
- 10 Specification Grade low glare optics
- 25,000 55,000 lumen packages
- 202-408 wattage range
- 120-277 Universal Drivers, 347 & 480 voltage drivers
- 10KV Surge Protector
- 90% Power Factor
- 10 Year Electrical Warranty
- PangeaLink compatible
- Quick Mount Cleat

37.33

- Mounts to round or square pole
- 3, 5 and 7 Photocell receptacles
- 0-10V Dimming driver
- Title 24 Compliant Motion Sensor

### **LUSSO ARRAY L-AM** LED Specifications



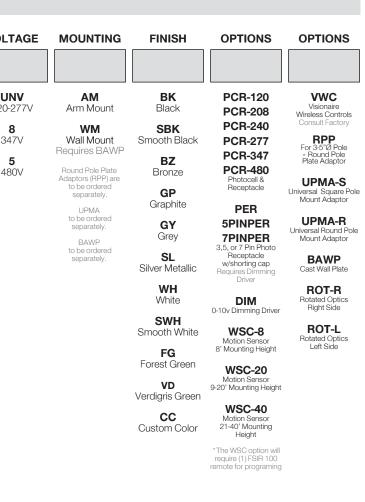
### **Ordering Information**

MODEL	OPTICS	LUMENS	KELVIN	VOL
LSO-L	T1 Type 1 T2 Type 2 T3 Type 3 T3L Type 3 Long T4 Type 4 T4A Type 4 Automotive T4L Type 4 Long T5LR Type 5 Long Round T5LS Type 5 Long Square	25L 30L 35L 40L 45L 50L 55L	3К 3000К 4К 4000К 5К 5000К	L 120 3 4



desired.

Project Name:	
Catalog Number:	
Туре:	
gy in this stunni provides over fifty	esign meets the new generation of LED Array green technol ing lumenaire, the <b>Lusso Array</b> . The Lusso Array serie percent energy savings over traditional HID light sources ar beam control and LED life beyond 100,000 hours for 140
	s fully-sealed housing features an exceptionally well-designenent system that provides superior heat dissipation.
The Lusso Array	fixture is built with cast aluminum.
	Array is the perfect compliment to any university campu walkway project where contemporary architectural design





# Wireless Mesh Networked Lighting Controls Platform

### No Project Too Big or Too Small...

PangeaLink is Visionaire's new wireless mesh network lighting controls and Internet of Things (IoT) software platform. We offer both 7-Pin wireless nodes and internal wireless controller options. When paired with our wireless gateway, you can turn any outdoor lighting project into a dynamic connected lighting solution that is easily accessed with our proprietary software via the cloud. Whether it's a commercial parking lot, parking garage, large campus or miles and miles of city highways and downtown cityscapes...no project is too big or too small.





# 01

### Controls On | Off | Dim

Easily configure your lighting & dimming profiles to maximize energy savings for your project

# Scheduling, Zones & Events

Simple creation of time and schedule based profiles, group luminaires for zonal control, create special event profiles

6

2

23

02

15

2



### **Occupancy Sensing**

With our fixture's integrated motion sensor options provide a safety override to your time based schedules



### **Daylight Harvesting**

Utilize our garage or high & low bay daylight harvesting features to dim or turn off lights when artificial light isn't needed



05

### **Energy Monitoring**

Our revenue grade energy monitoring helps to provide accurate reporting to make informed system decisions on energy consumption

### Asset Management

All inclusive asset management features lets you know exactly how many fixtures you have, the exact luminaire details and exactly where they are installed

06

iventory List

ntory	Name	Description	Unit Price	Ouantity in Stock	Inventory Value	Reorder Level	Reorder Time in Days	Quantity in Reorder	Discont
01	item 1	Desc 1	\$51.00	25	\$1,275.00	29	13	53	
D2	item 2	Desc 2	\$93.00	132	\$12,275.00	231	4	50	
03	item 3	Desc 3	\$57.00	151	\$8,607.00	114	11	153	
14	ttem 4	Desc 4	\$19.00	186	\$3,534.00	150	6	50	
05	Item 5	Desc 5	\$75.00	62	\$4,550.00	JS	12	50	
05	item G	Desc C	511.00	5	\$55.00	\$	13	153	
97	Hem-7	Desc-7	556.00	58	\$3,248.00	169	2	400	,
38	ltem 8	Desc 8	\$38.00	101	\$3,838.00	162	3	103	
n	bern 9	Desc 9	\$59.00	122	\$7,198.00	82	3	153	
10	bem 10	Desc 10	\$50.00	175	\$8,750.00	283	z	153	
11	item 11	Desc 11	\$59.00	176	\$10,884.00	225	1	103	
12	item 12	Desc 12	\$18.00	22	\$395.00	ж	12	50	
3	item 13	Desc 13	\$26.00	72	\$1,872.00	102	y	100	
	item 14	Desc 14	\$42.00	62	\$2,504.00	83	2	100	
	item 15	Desc 15	\$32.00	46	51,472.00	20	15	50	
	Item 16	Desc 16	590.00	56	58,540.00	180	3	50	
	Hem-17	Desc-17	<del>503.00</del>	67	\$5,529.00	68	42	50	
1	en 18	Desc 18	\$12.00	6	\$72.00	7	13	50	
1	1 2	Desc 15	\$82.00	143	\$11,726.00	164	12	153	

## 07

### **Maintenance & Alerts**

Real time maintenance features and system alerts are pushed via text or e-mail so you always know the health of your system, while helping improve service efficiency



### **Analytics & Reporting**

Utilize our analytics & reporting functions to create standard recurring reports or run custom reports whenever necessary



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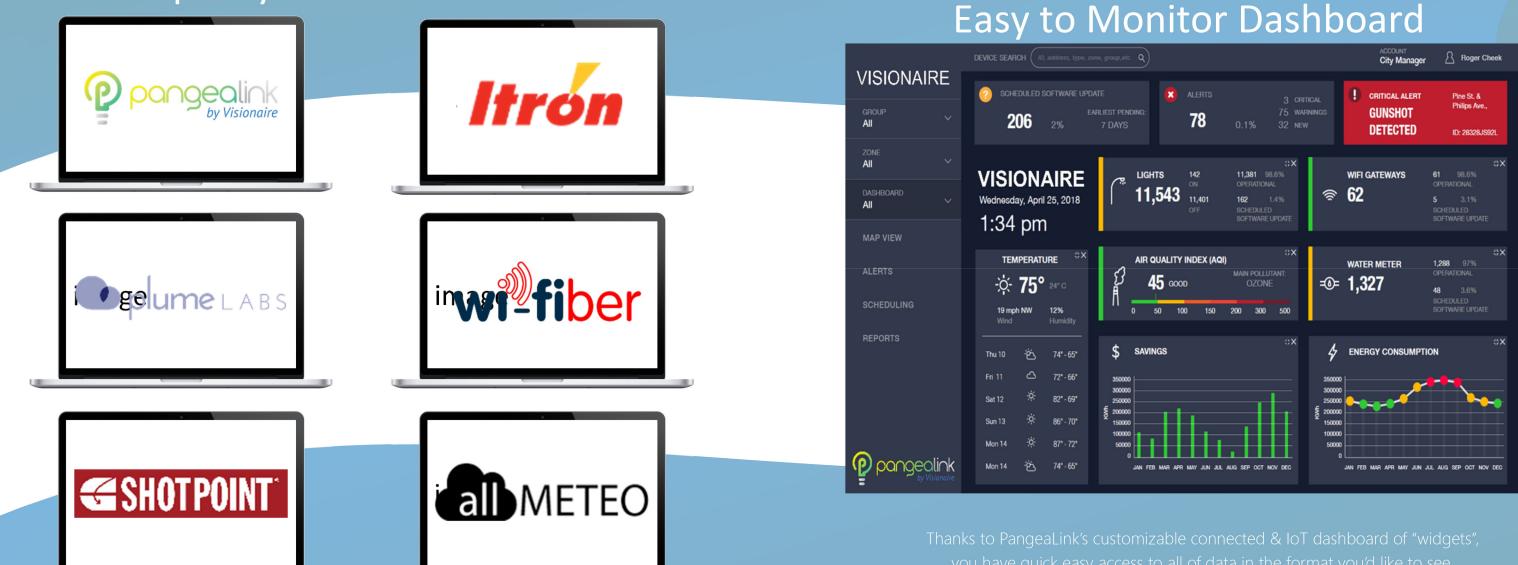
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and a state state

## The Complexity of Monitoring Multiple Systems and Software



# The Simplicity of a Single



