

## Work Order Signature Document

**NJPA EZIQc Contract No.: FL-SEA-GC02-041019-SCD**

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**New Work Order**

☐

**Modify an Existing Work Order**

Work Order Number.: 069071.00

Work Order Date: 06/05/2019

Work Order Title: Delray Beach Parking Garage Lighting

Owner Name: No Data Input

Contractor Name: Shiff Construction & Development, Inc.

Contact: Select a TGG Project Manager in People

Contact: Select a Contractor Project Manager in

Phone: No Data Input

Phone: No Data Input

### Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of NJPA EZIQc Contract No FL-SEA-GC02-041019-SCD.

#### Brief Work Order Description:

Replace a total of 300 lights in 2 parking garages

#### Time of Performance

Estimated Start Date: 08/26/2019

Estimated Completion Date: 09/09/2019

#### Liquidated Damages

Will apply: ☐

Will not apply: ☒

**Work Order Firm Fixed Price: \$161,441.40**

Owner Purchase Order Number:

## Approvals

Owner

Date

Contractor

Date

## Detailed Scope of Work

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**To:** Select a Contractor Project Manager in People

**From:** Select a TGG Project Manager in People

**Date Printed:** June 05, 2019

**Work Order Number:** 069071.00

**Work Order Title:** Delray Beach Parking Garage Lighting

**Brief Scope:** Replace a total of 300 lights in 2 parking garages

☐

Preliminary

☐

Revised

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Final

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The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Remove and replace 225 garage lights in Old School Square parking Garage and 75 fixtures in Federspiel Garage with Venture 54W LED Garage Light with Sensor DLC Model #CPB-03C-60WDA-xxAC01 This proposal includes all labor, materials and lift required to complete the removal and replacement of all 300 light fixtures. The contractor will cover permit fees up to the value of 2% of the value of the project. (\$3,228.82)

Subject to the terms and conditions of JOC Contract **FL-SEA-GC02-041019-SCD**.

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Contractor

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Date

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Owner

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Date

# Contractor's Price Proposal - Summary

Date:	June 05, 2019	
Re:	IQC Master Contract #:	FL-SEA-GC02-041019-SCD
	Work Order #:	069071.00
	Owner PO #:	
	Title:	Delray Beach Parking Garage Lighting
	Contractor:	Shiff Construction & Development, Inc.
	Proposal Value:	\$161,441.40

No Category Input	\$161,441.40
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Proposal Total	\$161,441.40
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This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: 59.86%

## Contractor's Price Proposal - Detail

Date: June 05, 2019

Re: IQC Master Contract #: FL-SEA-GC02-041019-SCD  
Work Order #: 069071.00  
Owner PO #:  
Title: Delray Beach Parking Garage Lighting  
Contractor: Shift Construction & Development, Inc.  
Proposal Value: \$161,441.40

Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)		
<b>No Category Input</b>					
1	01	22	23	00 0078	
				WK 40' Engine Powered, Scissor Platform Lift	\$1,874.95
				Installation	
				Quantity 2.00 x Unit Price 912.83 x Factor 1.0270 = Total 1,874.95	
2	26	56	23	00 0209	
				EA Venture CP 38074 LED Garage Light	\$96,633.94
				<b>NPP</b> Installation	
				Quantity 300.00 x Unit Price 259.10 x Factor 1.2432 = Total 96,633.94	
3	26	56	23	00 0260	
				EA 40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	\$62,932.51
				Installation	
				Quantity 300.00 x Unit Price 163.41 x Factor 1.0270 = Total 50,346.62	
				<b>X</b> Demolition	
				Quantity 150.00 x Unit Price 81.70 x Factor 1.0270 = Total 12,585.88	

**Subtotal for No Category Input** **\$161,441.40**

**Proposal Total** **\$161,441.40**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

**The Percentage of NPP on this Proposal:** **59.86%**

## Subcontractor Listing

**Date:** June 05, 2019

**Re:** IQC Master Contract #: FL-SEA-GC02-041019-SCD  
Work Order #: 069071.00  
Owner PO #:  
Title: Delray Beach Parking Garage Lighting  
Contractor: Shiff Construction & Development, Inc.  
Proposal Value: \$161,441.40

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00

# MAGNALUX



## LED Canopy Parking Garage Lights



### BENEFITS

- New patent design
- Easy installation
- Recessed or shoebox installation available
- High light efficiency, 120LM/W
- Eliminate the relamping cycle
- Light in weight
- Ip65, Providing a reliable weather-tight seal

### FEATURES:

- Efficiency(lm/w): up to 120LM/W
- Power efficiency more than 95%
- Colour Rendering Index(CRI): > 70 CRI
- Color Temperature(CCT): 3000K~6500k
- Certification: ETL cETL and DLC
- Working temperature(° F):-30° F to 130° F
- Warranty 5 years, L70 Life 70,000hours.

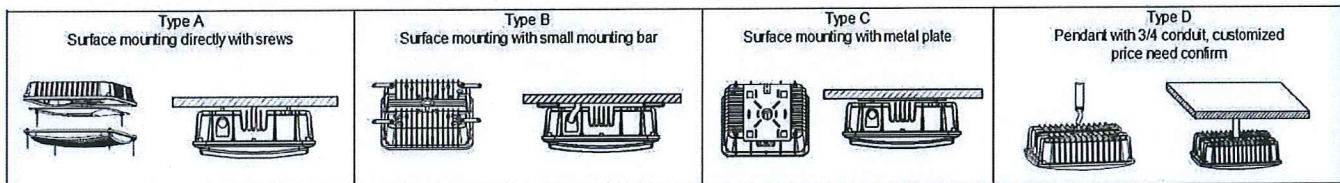
### APPLICATIONS:

Airprt, auto dealership, corporate & office, education, government, healthcare, industrial & warehouse, municipal, parking, petroleum & convenience stores, recreation & public venues, restaurants & hospitality,



Products Model	Watts	Luminous Efficiency	Equivalent	Color Temperature	CRI	Voltage
VPL-CPA-45WAN-YYK	45W	110-120LM/W	150W	3000K~5700K	>70	100-277VAC
VPL-CPA-45WAN-HV-YYK	45W	110-120LM/W	150W	3000K~5700K	>70	347-480VAC
VPL-CPA-70WAN-YYK	70W	110-120LM/W	250W	3000K~5700K	>70	100-277VAC
VPL-CPA-70WAN-HV-YYK	70W	110-120LM/W	250W	3000K~5700K	>70	347-480VAC

### Installations:







# 54W LED Garage Light with Sensor

Order Code: CP38074



## Description

The Venture Lighting LED parking garage series of luminaires are low profile, lightweight and designed for long life and low maintenance. The fixtures are designed to allow for easy replacement of existing parking garage lighting fixtures. The robust design paired with universal mounting makes them ideal for upgrading existing parking garage fixtures. The fixture version with sensor comes standard with a Wattstopper FSP211 Occupancy and Daylight sensor pre-installed. 0-100% Dimming capability with sensor.

## Construction

The housing unit is constructed from heavy-duty aluminum. Fixtures are finished with a durable white polyester powder coating. To ensure weather-tight protection, each optical assembly is sealed with a silicone gasket. Each unit is ETL certified to withstand wet locations. Luminaires are rated for an ambient operating temperature range of -40°C to 40°C.

## Optics

High-performance, UV stabilized acrylic optics are used to achieve precise photometric distributions.

## Electrical

The Class II power supply has a range of 120-277V, 50/60 Hz. The high performance LEDs are rated up to 190,000 hours at 25°C ambient temperature. 0-10V dimming capability is standard. Each fixture has a built-in 10kV surge protector.

## Mounting

The fixture is designed for universal surface and pendant mounting. IT IS THE CUSTOMER'S RESPONSIBILITY TO VERIFY THE AVAILABILITY OF ADEQUATE SPACE FOR INSTALLATION.

DLC Model# CPB-03C-60WDA-xxAC01

## Product Performance

Wattage	54W
Lumen Output	6160
Correlated Color Temperature (CCT)	5000K
Color Rendering Index (CRI)	70+
Lumen Maintenance @50,000 hours*	98%
Calculated L70 @ 25°C Ambient in Hours*	>500,000
Integrated Sensor Included	Yes
Replaces HID Wattage	175W
Operating Temperature Range	-40°F to 104°F (-40°C to 40°C)

## Physical Characteristics

Fixture Color	White
Weight	7.5 lbs
Width	14.3"
Length	12.3"
Height	3.1"

## Electrical Characteristics

Amperage Draw (Input Volts/Amps)	120/0.46 208/0.27 240/0.24 277/0.22
Surge Protection	10kA

## Regulatory Qualifications

cETLus Listed

DLC Qualified - Model# CPB-03C-60WDA-xxAC01

Rated for wet locations

## Accessories

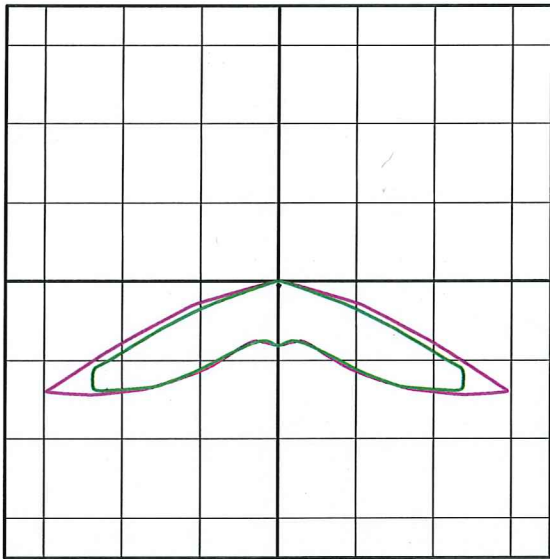
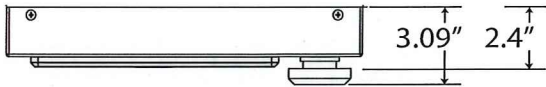
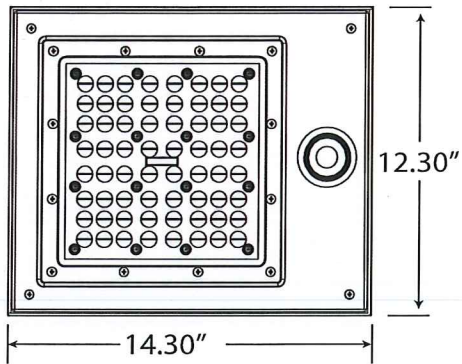
SP12714 - 120-277V Surge Protector

## Notes:

\*Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



# Venture 54W LED Garage Light with Sensor



Wide Distribution\*

Max Cd 45° H  
0° H  
90° H

BUG Rating B3-U0-G1

(800) 451-2606  
Fax: (800) 451-2605  
2451 Enterprise Parkway East  
Twinsburg, Ohio 44087 USA  
E-mail: [venture@adlt.com](mailto:venture@adlt.com)  
[VentureLighting.com](http://VentureLighting.com)





# SYLVANIA Luminaires

## Garage



### Product Features

The Garage luminaires are environmentally preferable LED alternatives to traditional HID luminaires, offering up to 78% in energy savings. Ideal in place of traditional luminaires, or as new installations, the Garage series is offered in two wattages/lumen packages for use in Garages, Canopies, and Mid bay general lighting.

The optics of these luminaires is beneficial for spacing them strategically to save on installation and energy costs. SYLVANIA luminaires assure optimum light engine performance for extended service and rated life ( $\geq 125,000$  hours  $L_{70}$ ).

### Wattage Comparison Chart

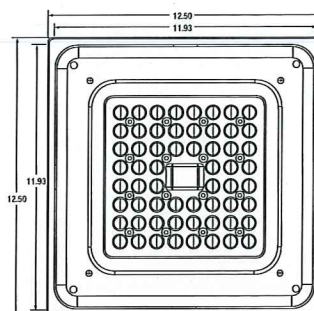
#### Slim Wall Pack

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
70 W HPS	91	35	54%
100 W HPS	120	35	65%
100 W MH	130	35	68%
150 W HPS	170	35	75%
150 W MH	188	35	78%
150 W HPS	170	55	66%
150 W MH	188	55	69%
175 W MH	210	55	72%

Catalog #	Type
Project	
Notes	
Date	
Prepared by	

### Dimensions

Front View



Side View



Dimensions in inches

### Specifications

**Weight:** 5.3lbs (2.4kg)

**Construction:** One-piece cast, aluminum alloy front plate with powder coat paint finish, UV stabilized polycarbonate back plate and PMMA lens. The standard color is silver.

**LED System:** LED system with a life rating of  $\geq 125,000$  hours at  $L_{70}$  @25°C.

Luminaire efficacy up to 123 LPW.

**Electrical:** Offered in 35 and 55 Watts, the luminaire is designed to operate through the 120-277 Vac voltage. The LED driver has a 4kV surge suppression and is a constant current device, meeting UL1310 and UL48 Class 1 with built-in over temperature protection. The power factor is  $\geq 90\%$  and THD is  $\leq 20\%$ .

**Dimming:** The driver is 0-10V dimmable (down to 12%). Please reference the dimmer compatibility document (LEDLUM012).

**Color Characteristics:** CRI  $> 70$ ; CCT of 4000K or 5000K

**Optics:** Type V garage distribution with PMMA lens. Optional glare shield available.

**Options Available:** Sensor

**Installation:** Luminaire mounts to recessed outlet box or can be pendant mounted (accessories not included). External controls can be added through existing knockouts.

**Operating Temperature:** -40°F to +104°F (-40°C to +40°C).

**Listings:** cETLus listed to UL1598 standards and for wet locations and IP66 rated.

**Warranty:** Standard 5-year luminaire warranty (LEDLUM001).

**Note:** Specifications subject to change without notice. IES files available online.



### Ordering Guide

Item Number:

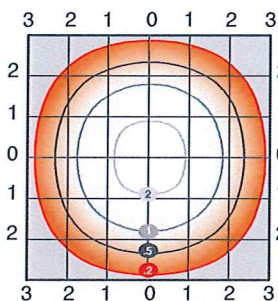
GARAG	1A	/	XXX	UNV	D	7	XX	/	G5	/	SV	/	X
Product Name	Generation		Wattage	Voltage	Dimming	CRI	Color Temp (CCT)		Optics		Color/Finish		Option
GARAG	1A		035 = 35 Watts 055 = 55 Watts	UNV = 120-277V	D = 0-10V	$\geq 70$	40 = 4000K 50 = 5000K		G5 = Garage		SV = Silver		Blank = No Option D = Motion/Daylight Sensor



## Photometric Data

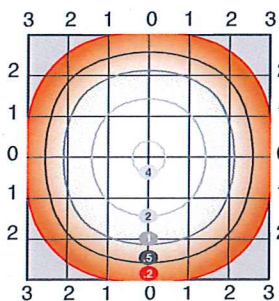
### GARAG1A/035UNVD740/G5

Isofootcandle Lines at 12' Mounting Height



### GARAG1A/055UNVD740/G5

Isofootcandle Lines at 12' Mounting Height



For other mounting heights apply the following multipliers:

Mounting Height	8'	10'	12'	15'	18'
Multiplier	2.25	1.44	1.00	0.64	0.44

## Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage	CRI	Color Temp (CCT)	Distribution	Total Fixture Lumens	LPW*	DLC**	Options
74501	GARAG1A/035UNVD740/G5/SV	35	120-277V	>70	4000K	Garage Type V	4200	123	Prm	
74502	GARAG1A/035UNVD750/G5/SV	35	120-277V	>70	5000K	Garage Type V	4200	119	Prm	
74503	GARAG1A/055UNVD740/G5/SV	55	120-277V	>70	4000K	Garage Type V	6200	119	Prm	
74504	GARAG1A/055UNVD750/G5/SV	55	120-277V	>70	5000K	Garage Type V	6200	118	Prm	
74505	GARAG1A/035UNVD740/G5/SV/D	35	120-277V	>70	4000K	Garage Type V	4200	123	Prm	Sensor
74506	GARAG1A/035UNVD750/G5/SV/D	35	120-277V	>70	5000K	Garage Type V	4200	119	Prm	Sensor
74507	GARAG1A/055UNVD740/G5/SV/D	55	120-277V	>70	4000K	Garage Type V	6200	119	Prm	Sensor
74508	GARAG1A/055UNVD750/G5/SV/D	55	120-277V	>70	5000K	Garage Type V	6200	118	Prm	Sensor

\*LPW per LM79 report

\*\*Prm for DLC Premium

For further information and to learn more about utility rebates, contact your local SYLVANIA sales representative.

## Options Information

**Sensor:** Motion and Daylight sensors are both available.

### Motion Sensor (Default Setting):

Motion	100% lumen output
≥5min with no motion	10% lumen output
≥60min with no motion	10% lumen output – never turns off

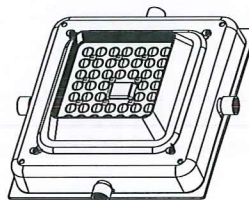
### Daylight (Default Setting) 5fc/24H

For customized settings: Purchase remote control separately and refer to the Sensor Remote document LEDLUM027 for further instructions.

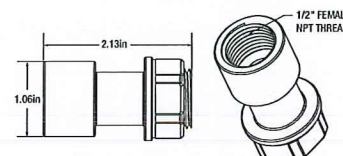
## Accessory Information

Item Number	Ordering Abbreviation	Item Description
74745	GARAG1A/MTGPLATE/16/SV	16 inch Mounting Plate, Silver Finish
74921	GARAG1A/SHIELD	Polycarbonate Glare Shield
74550	GARAG1A/CONN/1/SV	Wire through connector (Set of 1)
74551	GARAG1A/CONN/2/SV	Wire through connector (Set of 2)
71758	SENSOR1A/REMOTE/D	Sensor Remote

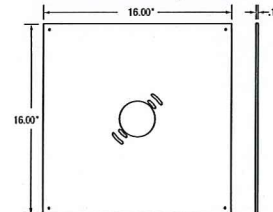
### Garage with Glare Shield and Connectors



### Wire Through Connector



### 16 inch Mounting Plate



LEDVANCE LLC  
200 Ballardvale Street  
Wilmington, MA 01887 USA  
Phone 1-800-LIGHTBULB (1-800-544-4828)  
www.sylvania.com

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