

Project	
Notes	
Type	Date
Cat. No.	

SPG™ UX Series

Square LED Parking Garage Canopy

DESCRIPTION

The Aleo SPG™ Series combines energy-efficiency, advanced optical control, and modern slim profile aesthetics to deliver enhanced performance to parking garage and parking structure applications. Ideal for environments seeking higher light levels and improved safety, security. Rugged die-cast housing provides advanced thermal management for long life and weather-proof compartment to withstand challenging environments.



APPLICATIONS

Parking garages, parking structures, drive-ways, solar canopies.



Specification Features

SPG™ Series

40	28W/35W/40W
70	25W/40W/60W/70W

Construction

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Weather-proof, gasketed driver compartment protects electronics against environmental elements.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features universal voltage (120-277V) for convenient installation.

Rated Life 75,000 hours
Limited Warranty 7-year
Efficacy Up to 120 LPW
Continuous Dimming

Optical System

Precision-formed optical lens system improves safety and security by delivering high-efficiency illumination with precise optical distribution. Type V distribution comes standard.

Installation / Mounting

Luminaire comes standard with mounting cover for quick and easy installation.

Certification

UL/ETL Listed. All components have UL/ETL certification. DLC Premium.

Controls / Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with sensors and photocells to achieve deeper energy-savings and code compliance. Comes standard with receptacle for plug and play occupancy sensor or photocell.

Quick Ship

SPG-S-40UX/CT DB
 SPG-S-40UX/CT WH
 SPG-L-70UX/CT DB
 SPG-L-70UX/CT WH

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Field Adjustable CCT / Wattage

Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch inside the housing.

Ordering Information

Example: SPG-S-40UX/CT DB

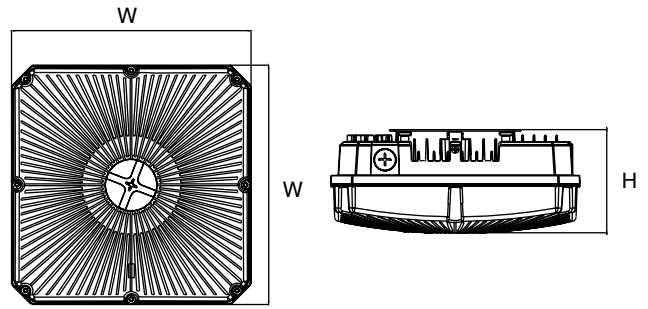
SPG	S	40	UX	CT	DB	[Blank]
Series	Nominal Size	Max. Wattage	Lumen Package	Color Temp	Finish Color	Input Voltage
SPG Square LED Parking Garage Canopy Luminaire	S Small, 10" L Large, 14"	40 28W/35W/40W 70 25W/40W/60W/70W	UX Field Adjustable Wattage	CT Adjustable CCT 3000K/4000K/5000K	DB Dark Bronze RAL#8019 WH White RAL#9016	Blank 120V-277V
[Blank]						
Controls* Sensor Ready with sensor receptacle for field installed sensor * (See pg. 4 for plug and play sensor ordering info)						

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 120 LPW (typ.)
CRI	80+, R9 > 0
Adjustable CCT	3000K/4000K/5000K
Rated Life	75,000 hours
Power Factor	> 0.9
THD	< 20%
IP Rating	IP65, Wet Location
Operating Temp.	-40°C to 45°C

Product Dimensions



Product	W	H
SPG-S-40UX/CT	10.06" (255.45mm)	4.19" (106.55mm)
SPG-L-70UX/CT	13.60" (345.47mm)	4.09" (104mm)

Performance Data

Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
SPG-S-40UX/CT	28	3000K	3,756	28.5	131.8
		4000K	3,987	27.9	142.9
		5000K	3,962	28.2	140.5
	35	3000K	4,560	35.6	128.1
		4000K	4,848	34.9	138.9
		5000K	4,805	35.2	136.5
	40	3000K	5,063	40.7	124.4
		4000K	5,383	39.9	134.9
		5000K	5,327	40.2	132.5
SPG-L-70UX/CT	25	3000K	3,354	25.7	130.5
		4000K	3,808	25.2	151.1
		5000K	3,624	25.5	142.1
	40	3000K	5,261	41.1	128.0
		4000K	5,987	40.4	148.2
		5000K	5,688	40.8	139.4
	60	3000K	7,737	61.6	125.6
		4000K	8,797	60.5	145.4
		5000K	8,372	61.2	136.8
70	3000K	8,851	71.9	123.1	
	4000K	10,061	70.6	142.5	
	5000K	9,575	71.4	134.1	



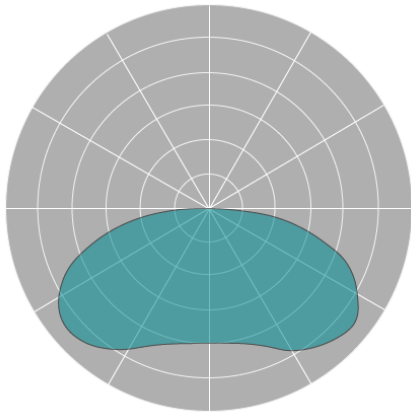
DLC QPL Data

QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
SPG-S-40UX/CT XX	S-56M9RP	5.1	Premium	Parking Garage Luminaires
SPG-L-70UX/CT XX	S-GBJ1RY	5.1	Premium	Parking Garage Luminaires

Photometric Information

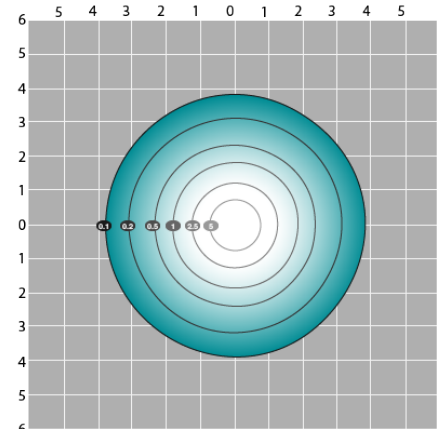
40W

SPG-S-40UX/CT - 3000K



Zonal Lumen Summary

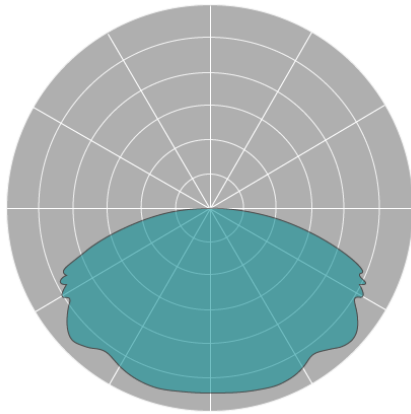
Zone	Lumens	% Luminaire
0-30	6,77.9	13.6%
0-40	1,266.2	25.4%
0-60	2,922.4	58.7%
60-90	1,793.1	36.0%
70-100	1,012.6	20.3%
90-120	185.7	3.7%
0-90	4,715.4	94.7%
90-180	263.1	5.3%
0-180	4,978.6	100.0%



10ft. Mounting Height

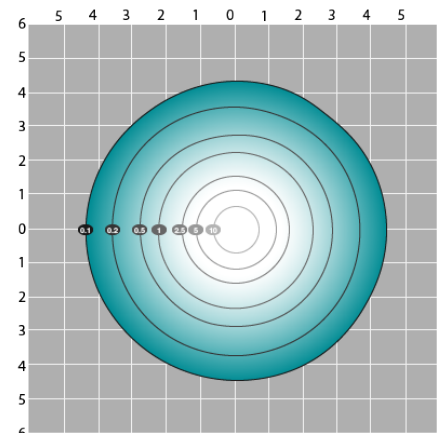
70W

SPG-L-70UX/CT - 3000K



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,486.0	163.9%
0-40	2,555.1	29.0%
0-60	5,423.3	61.6%
60-90	2,987.8	34.0%
70-100	1,593.6	18.1%
90-120	291.1	3.4%
0-90	8,411.1	95.6%
90-180	386.2	4.4%
0-180	8,797.3	100%



10ft. Mounting Height

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Sensor Options



Catalog No.	Description	Ordering	Shipping	Remote Control	Sensor Mounting
SHF-OSDL/IR-PP1-LV-10V-A01	Microwave, Occ. Sensor w/ Daylight	Order and Ship Separately	Field Install	-	Plug and Play Audio Jack Receptacle
SPIR-OSDL/BT-PP1-DC-300	AleoBlue Bluetooth PIR Occ. Sensor w/ Daylight	Order and Ship Separately	Field Install	AleoBlue App	Plug and Play Audio Jack Receptacle

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