

QubePark XL

Outdoor LED Parking Garage Canopy



Key Features

- Energy-efficient LED luminaire designed for parking garage or canopy applications.
- Housing is hinged for easier mounting and access out in the field.
- Low profile design, only 2.7 inches high.
- Surface mounted or pendant mounted.
- Symmetrical Type V distribution.
- Industry leading Ten-Year Warranty.

Electrical

- 120-277VAC, 0-10V dimming standard.
- Smaller model has (3) conduit entries and larger model has (4) conduit entries. Side conduit entries are 1/2"; back entry is 3/4".
- Integrated microwave motion sensor with multi-step dimming available.
- Operating temperature: -40°C to +45°C (-40°F to +113°F)

Mounting

- Standard luminaire is designed to be surface mounted or pendant mounted.

Construction

- Robust die-cast aluminum protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant powder coat finish.
- Standard bronze finish. Custom colors available by request.
- IP65 rated enclosure prevents intrusion from environmental elements that could degrade performance.

Optics

- Precision molded acrylic lens with Type V optic offer symmetrical distribution.
- Industry leading LEDs with 4000K and 5000K CCT (minimum 70 CRI).
- Lumen Maintenance <200,000 hours (L70) ¹

Warranty

- Backed by National LED's industry leading Ten-Year warranty.

Project

Date

Catalog Number

Type

Product Performance Summary

Lumen Output	Up to 11,440 lumens
Efficacy	Up to 158 LPW
CRI	≥ 70 CRI
Available CCT	4000K & 5000K
Warranty	Ten-Year Warranty

Product Overview

The QubePark XL LED is a slim, low profile lighting solution that's easily mounted below the canopy deck. Built with a rugged yet aesthetically pleasing design, this luminaire can easily blend into existing architectural plans. Available in two sizes, the QubePark XL can replace a wide range of existing canopy luminaires, including CFL and metal halide. The Type V optical distribution optimizes spacing and illumination.

Product Applications

- Parking Garages
- Walkway Canopies
- Educational Facilities
- Business Campuses
- Industrial Facilities
- Security Lighting
- Building Entrances
- Commercial Exteriors

Product Certifications/Approvals

- UL Listed
- Complies with UL1598 and CSA C22.2
- DLC Premium Listed
- Suitable for Wet Locations
- IP65 Rated Enclosure
- RoHS Compliant



Ordering Information

Example: QPXL1-1-25-UNVL-50-70-N-BZ

QPXL1							
Series	Variant	Power	Input Voltage	CCT	CRI	Sensor	Finish Color
1	Standard	25 25W	UNVL 120-277V	40 4000K	70 70 CRI	N No Sensor	BZ Bronze ²
		40 40W		50 5000K		S2 Microwave Motion Sensor	
		75 75W					

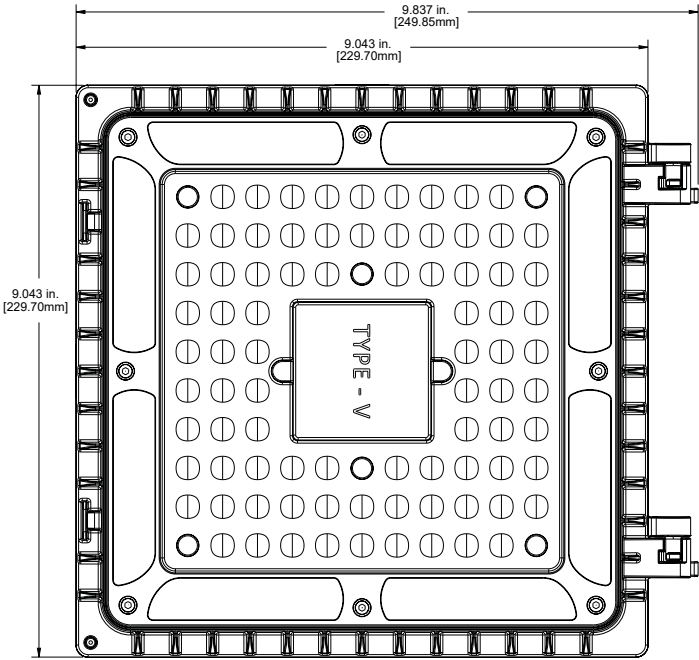
1. Product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

2. Custom colors available upon request.

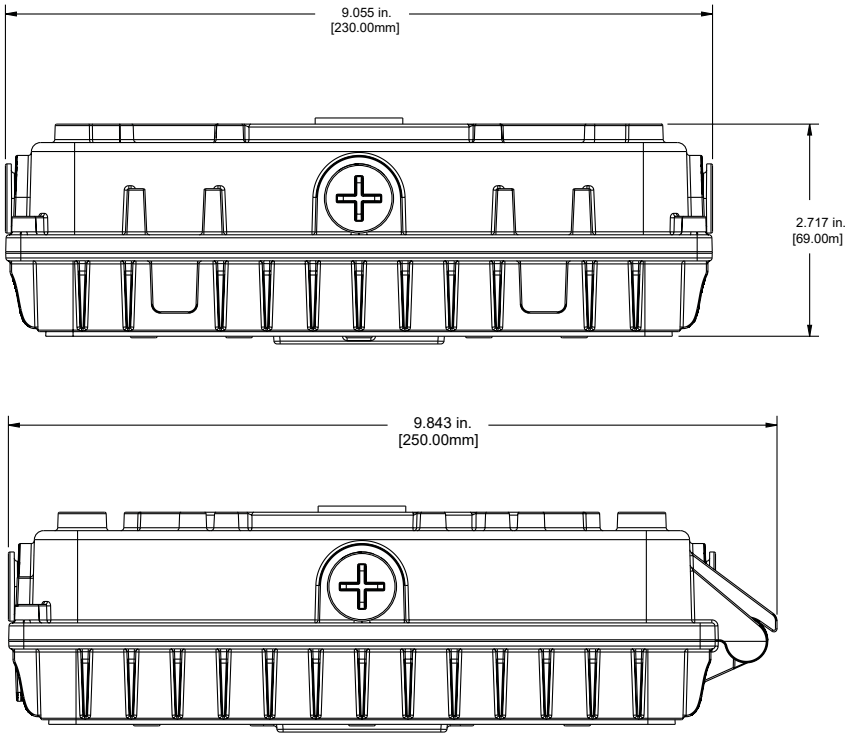
Dimensions

Model	Net Weight
25W/40W	4.7 lbs. (2.1kg)
75W	7.6 lbs. (3.4kg)

Models 25W/40W (Bottom View)

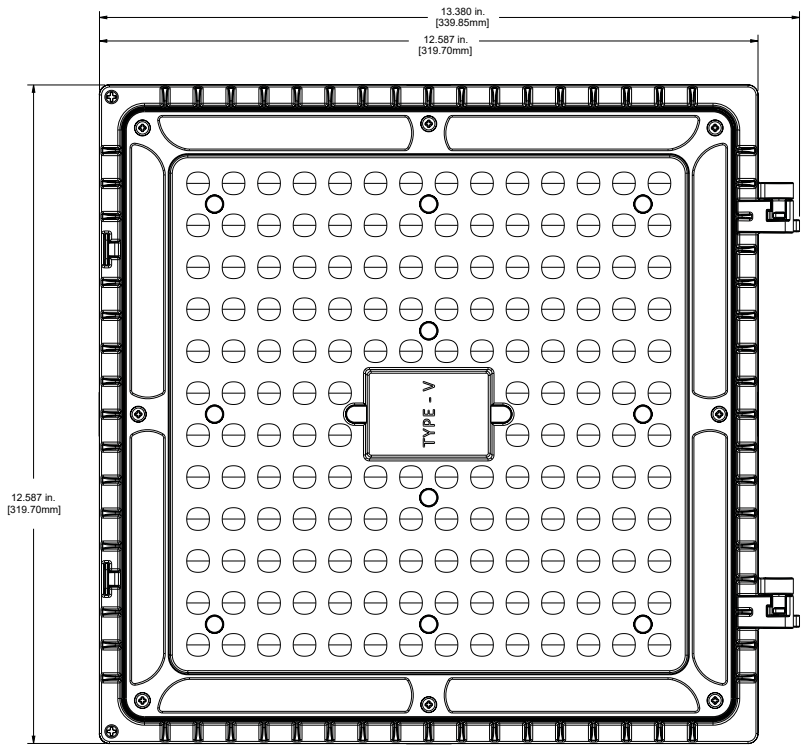


Models 25W/40W (Side View)

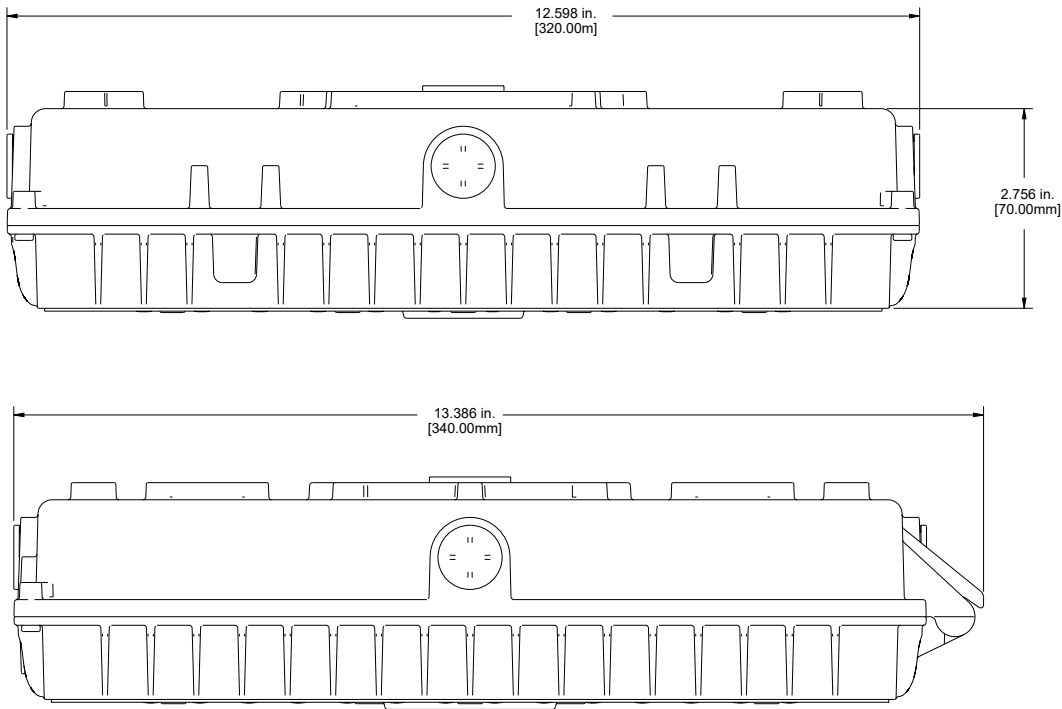


Dimensions

Models 75W (Bottom View)



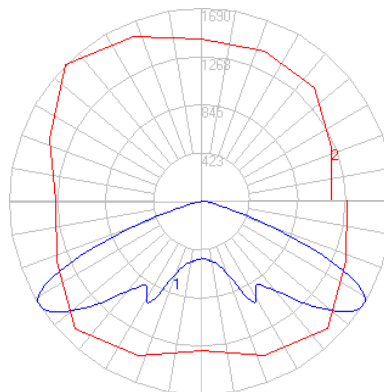
Models 75W (Side View)



Performance Data

Luminaire Photometric Data

Model Number	QPXL1-25-UNVL-50-70-X-X
Issue Date	07/04/2019
IESNA	LM-63-2002
Lamp	LED
Total Input Watts	27.0
Total Lumens	4,270
Efficacy	158 LPW
BUG Rating	B2-U2-G1



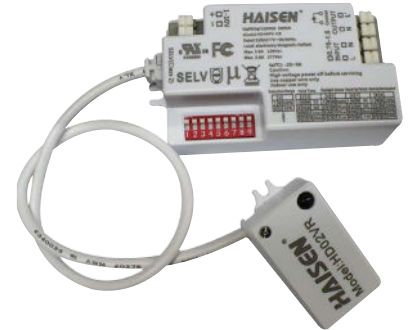
Model	System Level Power	Delivered Lumens	Efficacy	CCT	L70 Calculate Life	L85 Calculate Life
QPXL1-1-25-UNVL-40-70-X-X	27.0W	4,180L	155 LPW	4000K	200,000 Hours	150,000 Hours
QPXL1-1-25-UNVL-50-70-X-X	27.0W	4,270L	158 LPW	5000K	200,000 Hours	150,000 Hours
QPXL1-1-40-UNVL-40-70-X-X	43.1W	6,160L	143 LPW	4000K	189,000 Hours	86,000 Hours
QPXL1-1-40-UNVL-50-70-X-X	43.1W	6,270L	146 LPW	5000K	189,000 Hours	86,000 Hours
QPXL1-1-75-UNVL-40-70-X-X	77.2W	11,290L	147 LPW	4000K	189,000 Hours	86,000 Hours
QPXL1-1-75-UNVL-50-70-X-X	77.2W	11,440L	148 LPW	5000K	189,000 Hours	86,000 Hours

Accessories

HD407V-CR - Microwave Motion Sensor With Multi-Step Dimming

Specifications

Operating voltage	120~277 VAC 50/60Hz
Switching capacity	Max.3.0A@120Vac,Max.2.0A@277Vac
Stand-by power	<1W
Detection area	50%/100%
Hold time	5s/30s/1min/10min
Daylight threshold	2Lux/10Lux/50Lux/Disable
Stand-by period	0s/30s/20min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz ± 75MHz
Microwave power	<0.3mW
Interfaces	6-pole pluggable clamp terminal (L,N,N,L',1-10v+,1-10v-) for 0.75- 1.5mm ² cable
Mounting height	Max.6m(ceiling mounted);Max.3m(wall mounted)
Detection range	Max.ø14m(ceiling mounted);Max.10m(wall mounted)
Detection angle	30°-150°
Operating temperature	-20°C~+60°C
IP rating	IP20



On/off control



Stand-by period



Detection area



Daylight sensor



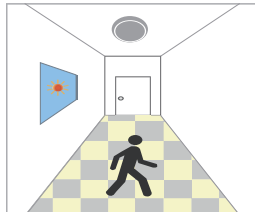
Hold time



Stand-by dimming level



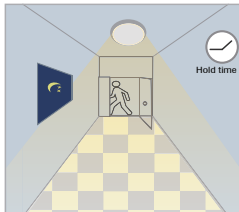
Remote control setting



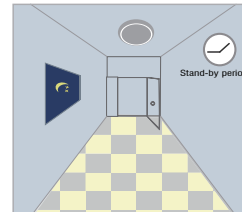
With sufficient daylight, even when motion detected, light remains OFF.



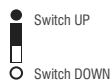
With insufficient daylight, when motion detected, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level(10%,20%,30% or 50%) after holdtime.



After the stand-by period, light OFF.



● 100%
○ 50%

Detection area

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.

● 5s
○ 30s
● 1min
○ 10min

Hold-time

The period of light keeping 100% brightness after moving objects leave the detection area.

● Disable
○ 50lux
● 10lux
○ 2lux

Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

● 0s
○ 30s
● 20min
○ +∞

Stand-by period

The period of light keeping low output before it's completely switched off. When it's preset as "+∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

● 10%
○ 20%
● 30%
○ 50%

Stand-by dimming level

The definition of low output in the standby period.