

QPD - LED Parking Garage Fixture

- ▶ **Parking Garages are Demanding Environments with Specific Lighting Needs...**
 - The QPD replaces energy and maintenance intensive HID and HPS fixtures.
 - Flush ceiling mount bracket allows for ease of installation to standard j-box.
- ▶ **Adaptive Thermal Technology...**
 - Patent pending housing has 6.9 ft² of heat sinking surface area per linear foot of housing. This allows the length of the fixture to be increased to reduce component temperature for extreme environments.
- ▶ **Lower Maintenance Costs**
 - Eliminate costly lamp and ballast replacements for HID or HPS fixtures.
- ▶ **Real Cost Savings**
 - When you combine the energy savings, longevity and quality of our approach to direct LED, the cost savings can be enormous.
- ▶ **Why P2? Simple, Our Experience**
 - While many manufacturers promise long life and maintenance free performance from their LED products, it takes a real expert to create a fixture that delivers on that promise.
 - Our experience lets us deliver on the promise of LED lighting technology.

Energy Efficient LED Parking Garage Fixture



Application



QPD - 60W - 277 - 24C - 700 - 50K - DIR5 - GSP - C1.5 - QMB

QPD	60W	277	24C	700	50K	DIR5	GSP	C1.5	QMB	
Model	Input Watts	Voltage	Qty of LED Chips	Driver Current	Color Temp.	Optics	Elec. Options	Cord & Plug	Mounting	Other

Model

QPD = LED Parking Garage Fixture

Input Watts

60W = 60 Watts (24 Chip, 700 mA)
87W = 87 Watts (36 Chip, 700 mA)

Voltage

277 = 277 Volt
347 = 347 Volt
480 = 480 Volt

Qty of LED Chips

24C = 24 Chip Board
36C = 36 Chip Board

Drive Current

700 = 700 mA Drive Current

Color Temperature

50K = 5000 Kelvin

Optics

WAO = Wide Angle Optic
WRO = Wide Rectangular Optic
WQO = Wide Square Optic

Occupancy Sensor

3VL = 360° View Lo Bay LED
3LVB = 360° View Lo Bay LED Bi Level

Electrical Sensor

GSP = Ballast Surge Protector

Cord and Plug

C1.5 = 1.5' Cord
C6 = 6' Cord
C6/515 = 6' Cord & 120 V Plug

Mounting

10GYSH = 10' Y-Gripple
Snap Hook Hangers
SM = Surface Mount
QMB = Quick Mount Bracket for Surface Mounting

QPD - LED Parking Garage Fixture

Fixture Construction

- Extruded aluminum body designed for maximum heat dissipation.
- Designed to meet IP66 standards.
- Innovative sealed bezel design.
- Stainless steel fasteners.
- Powered by light engines using high quality Cree LED chips.
- Dedicated constant current driver.
- Advanced thermal management techniques and components.

Our Commitment

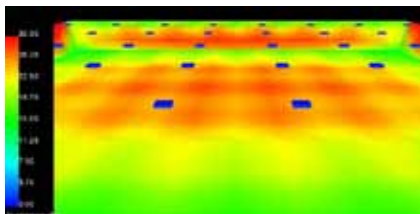
Just as when we were at the front end of the fluorescent Hi-bay development curve, [P2] commits extensive resources to the thermal design and testing of our LED fixtures.

Why? Because heat is directly related to the usable life of LED components. Our thermal management focus allows us to deliver on the promise of LED, without the risk of premature failure.

Our commitment is that any product that bears our name can be specified with confidence, knowing that we have taken the steps necessary to ensure maximum component life and future serviceability.



Photometric Performance



Luminaire data is obtained according to IES procedures under laboratory conditions. Field results may differ from computer modeling due to factors including but not limited to: Ambient temperature, line voltage variations, installation, reflectances and other site specific conditions.

Photometrics

	Avg.	Max	Min	Avg./Min	Max/Min
Foot-Candles at 0" A.F.F.	21.96	29.8	14	1.57	2.13

Facility Data

Ceiling Height	Mounting Height	Fixture Spacing	Ceiling Reflectance	Wall Reflectance	Floor Reflectance
8'	8'	12' x 12'	0.2	0.2	0.2

Assumptions:

- The QPD-60W-24C-700-50K-WAO fixture was used in the adjacent layout. LLF = 1.0, LDD = 1.0 were used to show initial lighting.
- 4,509 delivered fixture lumens were used.
- Assumes an ambient temperature of 77°F.