

CANOPY

PQ-CYSC

Garage Lighting Fixture

- ADC12 Aluminum alloy heatsink
- Nichia 757G-V1
- Up to 135 lm/w
- 5-year warranty
- Integrated occupancy sensor optional



LISTINGS



IES LM-80

SPECIFICATIONS

| | | | |
|---------------|-------------------------|---------------------|---|
| Power | 40W±5% 60W±5% | IP rating | IP65 |
| Input voltage | 120-277VAC, option 347V | Lifespan | 100000 hrs |
| Chip | CREE SMD2835 | Driver efficiency | >87% |
| Power factor | >0.9 | Working temperature | -40°C~+40°C |
| CCT | 4000K/5000K/5700K | Installation | Surface-mounted, NPT, pole mounted |
| CRI | Ra80 | Material | Aluminum + PC |
| Lumen | 5200lm±5% 8100lm±5% | Warranty | 5 years |
| Beam angle | 160° | Accessory | Sensor, Controller |
| Dimmable | 1-10V | Remarks | Surface mounted with top wiring; pendant mounted with NPTW conduit; surface mounted with side wiring. |
| IK rating | IK08 | BUG rating | B3 - U3 - G3 |

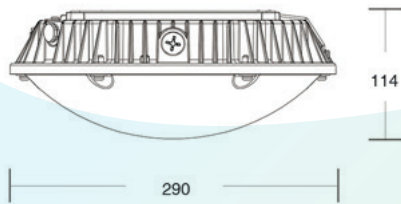
CANOPY

PQ-CYSC

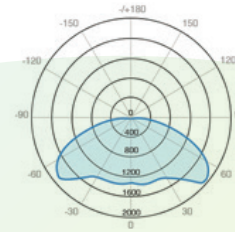
| MODEL | WATTAGE | LUMEN | CHIP QTY |
|----------------|---------|----------|----------|
| PQ-CYSC-XXK-25 | 25W | 3250 lm | 56 pcs |
| PQ-CYSC-XXK-40 | 40W | 5200 lm | 84 pcs |
| PQ-CYSC-XXK-60 | 60W | 7800 lm | 126 pcs |
| PQ-CYSC-XXK-65 | 65W | 10000 lm | 266 pcs |

XX= Color Temperature 41K=4000-4500K 51K=5000-5500K

DIMENSIONS



PHOTOMETRICS



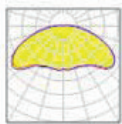
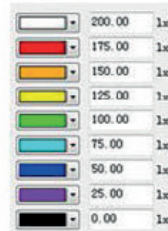
160°

LIGHT DISTRIBUTION

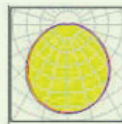
• More even light distribution

Test condition: L8m x W8m x H5m 100 pcs

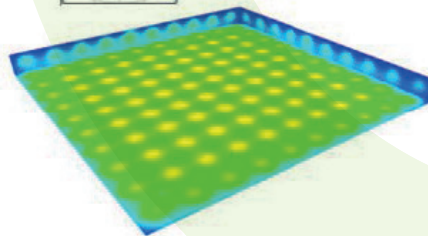
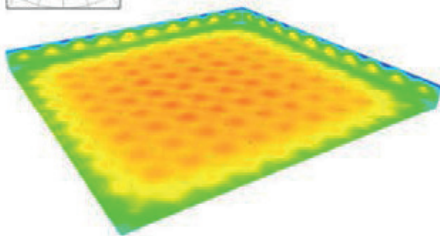
| | E_{av} [lx] | E_{min} [lx] | E_{max} [lx] |
|---------|---------------|----------------|----------------|
| Power-Q | 162 | 96 | 189 |
| Other | 105 | 63 | 145 |



Power-Q 60W canopy



Other 70W canopy

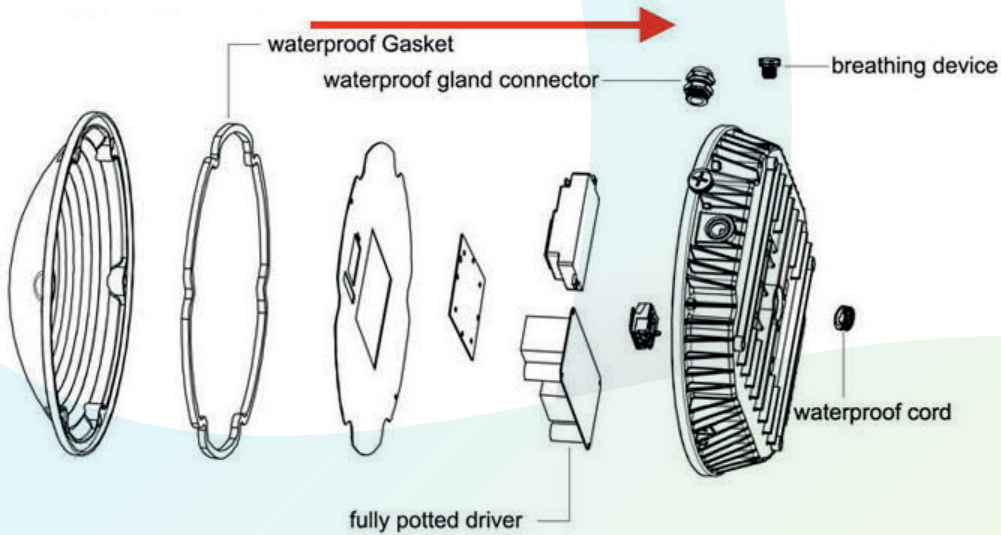


CANOPY

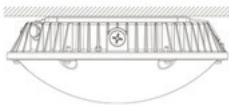
PQ-CYSC

CONSTRUCTION

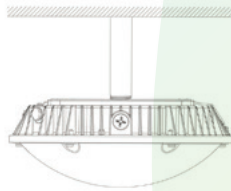
- Stronger IP protection



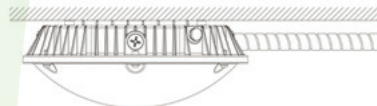
INSTALLATION



Surface-mount

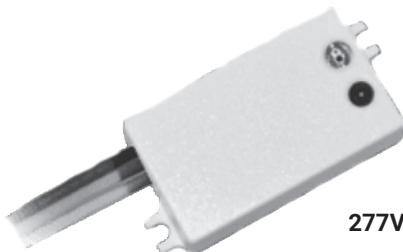


Pole-mount



Surface-mount with side wiring

ACCESSORIES



277V ANT-9 RC Sensor

Controller for ANT-9



CANOPY

PQ-CYSC

The HEC de Montreal Challenge



Like most buildings the HEC de Montreal relied mostly on inefficient conventional light sources to illuminate its underground parking lot. Its infrastructure management team decided to change to LED and tried out LED canopies from different suppliers.

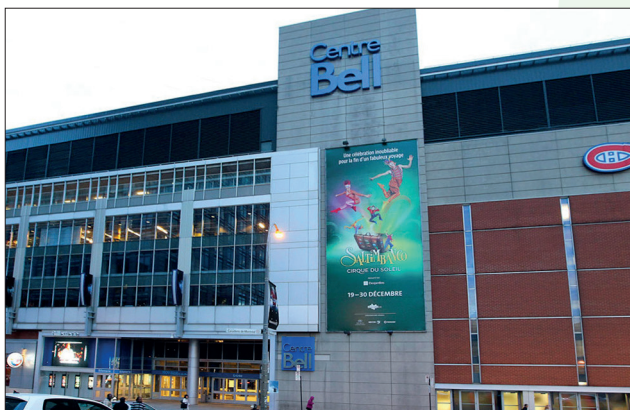
After trying out half a dozen products from well-known lighting manufacturers the team were unsatisfied with the light distribution and uniformity. Through one of our distributors, PowerQ was invited to propose a solution for this challenging project.

After meeting with the HEC team, we knew exactly what was needed to light up this parking lot. Our excellently designed Canopy **PQ-CYSC** was the perfect solution.

After running some satisfactory lighting simulations, we installed six fixtures as a test. The team were amazed by the results in terms of light uniformity and the high quality of delivered light for maximum visual comfort.

PowerQ went on to install 480 of our **PQ-CYSC-40W canopy lights** in HEC's five-storey parking structure.

The Bell Center Challenge



In a committed effort to reduce energy expense maintenance costs and its environmental impact, the Bell Center (evenko) unveiled an initiative in 2018 to upgrade the lighting in its indoor parking lot and the arena itself. This involved a total of 700 light fixtures.

Once again the challenge was to find an LED light fixture which could provide soft, uniform and glare-free illumination. Just as HEC did, the Bell Center also tried out many different fixtures yet weren't able to get the quality of light they wanted, but after testing the **PQ-CYSC-60W** they were very impressed with the fixture and its uniform light. And the project was awarded to PowerQ.