

PACO products are tested to ensure they meet the performance listings relevant to their intended end use. For complete details on specific product listings, please refer to each product feature section within this guide.



UL/CUL Listed A product bearing the UL mark is determined to have met the minimum requirements of the applicable product safety standards as certified by Underwriters Laboratories, LLC, a Nationally Recognized Testing Laboratory (NRTL). The "US" next to the mark indicates compliance with US standards, and the "C" next to the mark indicates compliance with Canadian standards.



ADA Compliant - Although ADA is not specific to lighting, it does impact fixtures by creating standards for wall sconce projection space and hanging light clearance. Section 4.4 of the ADA states that "objects projecting from walls with their leading edges between 27" and 80" above the finished floor shall protrude no more than 4" into walks, halls, corridors, passageways or aisles."



NSF Rated denotes that the luminaire has been evaluated for corrosion resistance, cleanability and the ability of exposed material to withstand normal wear. This supports the infection control standards established by healthcare facilities, indicating that the luminaire is easy to sanitize. In addition, PACO products are tested to ensure they meet performance listings relevant to their intended end use.



IC RATED - An IC-rated fixture must, by definition, "be approved for zero clearance insulation cover by a Nationally Recognized Testing Laboratory (NRTL), such as Underwriters Laboratory (UL). "IC" is short for Insulation Contact, meaning that any housing with this rating can directly contact ceiling insulation.



ISO 5 – Suitable for ISO 5, Class 100 Rated Rooms (FED-STD 209E). Measures the number of particles equal to or greater than 0.5 mm in one cubic foot of air. The measurement must not exceed specified particle limits in order for the space to be considered a controlled 'clean room' environment.



MIL-STD 461G – Military Standards testing measurements cover radiated and conducted electromagnetic emissions in addition to maximum allowable amounts of emitted energy based on frequency range and field strength. Luminaires meeting MIL-STD 461G pose the lowest possible likelihood of causing EMI-related issues.



The IK10 rating refers to impact protection. It is a 1 to 10 system, with a higher number indicating a more robust product able to withstand a more significant impact. Our ARMOR SERIES products are rated IK10, meaning it can take four times that impact – equivalent to protected against the impact of 5kg dropped from 400mm (20 joules).



Anti-Ligature resistant products have features that prevent the attachment of ligatures in order to protect patients in behavioral healthcare settings. Our products are designed to minimize the potential for a ligature to be achieved by looping or wrapping with a cord or similar object.



IP65 - UL Certified IP65 our fixtures with an IP65 rating are protected against multi-directional, low-pressure water jets. To meet the requirements for an IP65 rating, fixtures must withstand water projected by a 0.25-inch nozzle during testing.



IP66 - UL Certified IP66 our IP66-rated fixtures are designed to withstand multi-directional, high-pressure water jets, ensuring reliable performance in demanding environments. They are also completely dust-tight, providing total protection against dust ingress.



Wet Location the Underwriters Laboratories (UL) defines a wet location as an area where water or other liquids may drip, splash, or flow onto electrical components of a luminaire. Pa-Co wet location luminaires are rigorously tested and certified for use in wet location-rated indoor or outdoor environments.



CCEA - Chicago Plenum Compliant - The City of Chicago Environmental Air (CCEA) certification guarantees that the luminaire possesses an inherent airtight design. The wiring and/or branch circuit terminations are securely sealed and protected with gaskets from the plenum air space. This certification confirms that the luminaire is effectively sealed, minimizing air movement between the room and the plenum.



Declare Label developed by the International Living Future Institute (ILFI), emphasises transparency and safety in product components, encouraging full disclosure and the elimination of harmful Red List elements. This label encourages designers and consumers to prioritise health and sustainability in their choices, contributing to a cleaner, safer world for future generations.



BAA - Buy America Act the Buy America Act, enacted in 1933, mandates that federal agencies prioritize American-made products in their procurement processes. This legislation covers a wide array of goods, including steel, iron, and manufactured products, which must be produced in the United States. The aim is to support domestic manufacturing, create jobs, and ensure the quality of products used in federal projects and their illumination.