

LED Solutions for Grain Loading Areas: Light Up Every Area, from Industrial to Hazardous

APPLICATION

When loading or unloading grains, high visibility is required to ensure the grains are released into the correct crane. Adequate lighting increases worker safety as they navigate around or under equipment. A proper lighting design reduces energy consumption and maintenance costs, delivering superior illumination, while enhancing productivity.

CHALLENGE

Dock lights are commonly used in grain loading applications to achieve the desired illumination. They allow light to be aimed in any direction, providing a safer environment where task lighting is required. Unfortunately dock lights are susceptible to a variety of hazards such as vehicle collisions and heavy equipment accidents. The ensuing damage results in higher maintenance, repair, and replacement costs; as well as an increase of injuries and incidents and lower productivity. The ideal luminaire for this application should provide adequate lighting, while being rugged and reliable enough to operate under these conditions.

SOLUTION

Customers looking for an alternative to dock lighting in grain applications should look no further than the Appleton™ Rigmaster LED Luminaire by Emerson. Certified for diverse environments, the Class I Division 2, Class II Division 1 luminaire features:

- Ultra Slim Profile: Minimizing physical contact with workers, vehicles, and heavy equipment.
- Narrow: Luminaire can be installed in compact, obstructed, or low clearance areas.
- Aimable: Ensuring that the light can be easily directed to specific task areas, such as, under the rail car.
- Efficient: Maximizes energy savings and reduces carbon emissions.
- Uninterrupted Illumination: Provides uninterrupted light even if power is lost with an optional battery backup with 90 and 180-minute options.
- Versatile: Can be installed in numerous applications with choice of optional brackets and mounting accessories.
- IK10: Rugged luminaire design that withstands up to 20 joules of impact without breaking.

About Emerson

At Emerson, we have engineered our Appleton LED luminaires to provide optimal lighting performance under the most extreme conditions. Our LED solutions are certified for varying degrees of heavy industrial and hazardous locations ranging from heavy industrial to Division 1 explosionproof. Unlike traditional lighting technologies such as incandescent, high intensity discharge or fluorescent, Appleton LED luminaires significantly reduce energy consumption and maintenance costs while providing better color rendering and performance all in a rugged and reliable package - translating into real savings for your facility.



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