

FL360 Flagging Lantern

'Enhancing your safety with 360 degrees of visibility'



For the past two decades New York City Transit have been using a custom Unipart Dorman LED flagging lantern for maintenance of way warning light applications.

The LED lanterns were available in Red, Amber and Green with a White lantern also available in a tungsten filament lamp. The Amber and Green Lanterns were used to demarcate areas of the work zone and the Red was used by the flagger.

The lanterns operated from a 6V battery, incorporated a hinged carrying handle and a wide stability base to allow mounting on uneven surfaces, the units were able to switch from flash to steady modes and also had interchangeable heads to allow colours to be easily changed.

The lanterns met very strict optical performance requirements in both colour and 360° visibility in both the horizontal plane and 5 degrees above horizontal and were independently UL performance tested to ensure compliance.

The lanterns were also put through rigorous independent robustness testing, including environmental, drop and shock testing and as a result the body and lens of the unit were made from a high impact thermoplastic lexan, all of which led to an exceptional field performance in one of the harshest environments on the rail network.

The lanterns are still used today by NYCT Maintenance of Way personnel, some 20 years after it was first introduced which is testament to the products effectiveness and respect it has gained.

Over to the innovation team

As in all walks of life, requirements and practices eventually change over time and NYCT came up with the challenge of repackaging all of the functionality and performance of the existing lantern into a smaller, lighter compact version for better ease of handling.

Unipart Dorman's product innovation team answered the call and have developed the FL360.

The FL360 not only maintains all of the functionality and performance of the original lantern, with true 360° optics, signaling colors in Red, Green and Amber it has also been enhanced with new additional features including:

- Flexible mounting options - a removable combination rubber magnetic base to allow both uneven ground mounting stability and magnetic mounting at all angles
- Best in class run times - 150hrs flash mode and 60hrs steady mode covering the longest of weekend shifts
- Molded side eyelets for clip on mounting or rope attachment to emergency braking system

This product is currently undergoing field testing with NYCT and final results are expected later in the fall.

Unipart Dorman have already received expressions of interest from numerous other transit agencies in the FL360.

For further information please contact us at:
dorman.enquiries@unipartdorman.com

