



[Unique Wide View Convex Mirrors](#)

By Rolly Clendening

Since the creation of domed and convex mirrors as the answer to dangerous blind spots, some situations just don't have a solution that works. A regular convex mirror provides a clear view of an estimated 160-degree viewing pattern, but it can stop a little short of covering the area in question.

A new product now available provides a solution for convex mirrors that need a wider 180-degree viewing angle, without jeopardizing the clarity of the mirror.

The forming procedure limits the curvature of the mirror to half of the depth of a standard mirrored dome, reducing the distortion of the standard dome viewing results. A flat flange area provides a rigid stability to the mirror, especially for outdoor models.

There is a benefit to a second category of mirrors, a supplement to a line of mirrored domes used at problem intersections. Sometimes an overhead restriction prohibits the installation of a full dome in a 4-way or 3-way intersection. The 180-degree viewing properties of these mirrors provide a view from 3 different directions with more clarity than a standard dome. These mirrors are mounted with a telescoping bracket and usually at a lower position with a much clearer eye-level viewing angle.

The mirrors provide a solution for another old problem: Intersections in outdoor applications. Domes are not typically used outdoors due to the weather-related problems or a suitable location to properly mount the mirror. There are many blind corners and unguarded intersections that need a warning of approaching vehicle traffic or pedestrians. A standard convex mirror will provide a brief view of a specific angle around a corner until the driver passes the prime viewing angle of the mirror. The 180-degree viewing

angle gives the driver a view beyond the immediate intersection, further down the aisle or path of traffic.

The new mirrors can be mounted on a pole, rack or wall of an outside structure. With the telescoping bracket mounting system, positioning of the mirror is flexible to provide the best possible angle for maximum warning. Mirrors positioned at a 6-9 foot height will bring the viewing image down to eye-level for the most natural angle when approaching an intersection.

Mirrors come in 16 inches, 24 inches and 32 inches, in both indoor and outdoor models with hardware included. The standard material used for the mirror itself is acrylic, but special orders can be processed for alternate materials such as PETG or Polycarbonate.

The 32-inch mirror has been on the market for five years on a limited basis as a solution for facilities that were not able to hang domes due to the plant wide use of overhead cranes in a steel distribution center. As mirror surveys revealed a need for domes in blind spots with mounting obstacles, this mirror was brought in as a solution to their problem.

Distribution center managers have found that bringing the viewing level down to eye-level has provided forklift operators with a more immediate warning of pedestrians and other moving vehicles. Warehouse forklift traffic is generally higher paced than a production facility and the larger mirrors at the lower mounted positions provide a better warning than mirrored domes suspended 10-15 feet above the intersection.

The newer 16-inch and 24-inch models serve various situations and markets, engineered to provide the same curvature of the 180-degree viewing as the larger 32-inch wide view convex.



Se-Kure Domes and Mirrors is a Veteran Owned company and all products are Made in America.