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PHc-2510BR-Refractive-Globe-brochure-en 12/25

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HADCO

A refractive globe for every architectural style

Urban

Refractive Globe

Featuring LumiLock technology



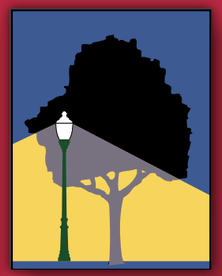
LED

Refractive Globe

Creating safer, more secure environments

When citizens are afraid to go out in the dark, the entire community suffers and a neighborhood become a less desirable place to live. Cobra head and non-refractive luminaires are not a real answer to the problem due to projecting light downward illuminating car roofs and the tops of trees while creating a mosaic of undesirable silhouettes and shadows. Meanwhile, HADCO's Refractive Globe luminaires provide an illuminating answer to "dark spots" and hidden areas. These luminaires are mounted below tree canopies, eliminating shadows and washing streets, sidewalks, and people with a uniform, controlled light source that's safer and more comforting for both pedestrians and motorists. When our refractive globes go in, people aren't afraid to come out.





HADCO's post top refractive globes are normally mounted at lower mounting heights (12'–16'). When mounted below tree canopies, shadows are eliminated and light levels and uniformity are improved creating a safer, more secure area for pedestrians and drivers alike.

In an age where every decision is a matter of compromise, here is a choice where no compromise is necessary

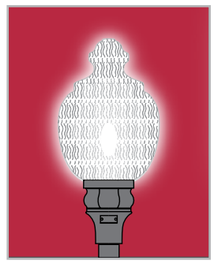


Can lighting actually raise community standards?

Absolutely, if it's the right kind of lighting. The classic architectural style and distinctive lines of Hadco Refractive Globes evoke a sense of quality and character that truly makes people feel better about where they live and work. Hadco luminaires come in a remarkable array of styles with detailing and colors that can be customized to reflect the architectural style and character of cities, neighborhoods and campuses where they are installed. Day or night, personality and quality impart a sense of pride that can be seen on the faces of everyone who comes together under their light. Our luminaries project more light vertically, creating an ideal environment for activities ranging from outdoor cafes, to downtown and historical districts, plaza and quad activities, shopping, walkways and bikeways, to simply a place where neighbors soon become friends.

Greater downward street-side efficiency than traditional and louvered globes

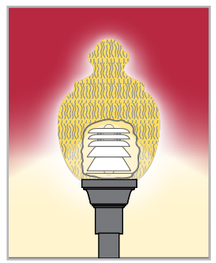
What does this mean? You can use fewer refractive globes and still project more light horizontally and vertically, with energy saving potential as well.



Traditional Style Globe

Refractive versus traditional globes

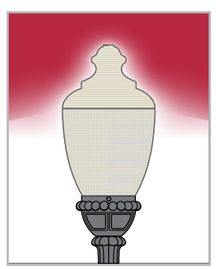
Hadco refractive globe luminaires can be placed further apart from each other while illuminating an even greater area compared to traditional globes. Our advanced refractive globe technology provides greater quality of light and uniformity horizontally and vertically. This results in fewer luminaires spaced further apart, which saves installation cost and time.



Louvered Globe

Refractive versus louvered globes

Louvered globes throw most of their light straight down beneath the pole. To improve uniformity, they must be spaced much closer together. Unlike the bright and dark spots created by louvered lighting, Hadco refractive globe luminaries provide uniform light over a greater area. More efficient lighting means fewer poles, lower initial costs, and less long-term maintenance.



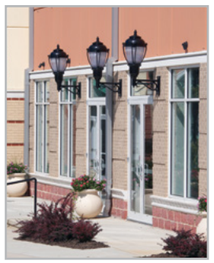
Hadco Refractive Globe

Hadco refractive globes are a game changer

Featuring greater downward street side efficiency, our refractive globes are more efficient for both retrofits and new installations. Reduce your energy bills while using lower lumens. Suddenly, lighting installation estimates and annual energy costs are reduced. Toolless features allow these luminaires to be installed quicker while reducing maintenance and operation costs.

Lighting that brings the night to life by improving safety and security

What does this mean? Our solution excels in lighting people's faces as they approach as well as the vertical surfaces of vehicles and buildings.



Compare refractive to cobra head lighting

Cobra heads require 25 to 30 foot poles with six to eight foot arms. That's expensive hardware, especially in comparison with a refractive globes' typical 12 to 16 foot mounting height. Plus, cobra heads take a crane and an entire crew to install. When it comes to maintenance, a large, traffic-disrupting bucket truck is required instead of a small lift truck.



A true breakthrough in light engineering

The advanced optical engineering of our refractive prisms provide greater illumination and can result in lower perceived glare. Adding historical charm that enhances the character of every city development, neighborhood and campus where it is placed – fulfilling a community's lighting needs well into the future. Our technology not only outperforms traditional globes and louver fixtures, but cobra heads and shoe boxes as well.



Experience the difference the right lighting can make

Create an environment where people feel safer and more secure being "surrounded" by the right light. These luminaires are designed and purpose-built to provide improved horizontal and vertical illumination with improved uniformity. No wonder our refractive globes are the first choice for municipalities, schools, and commercial centers everywhere.

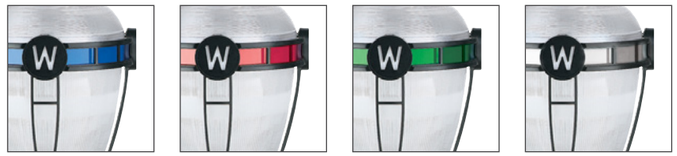


Go ahead and compare.

Here's a distinctive solution no-brainer.

Decorative lighting alone can make an immediate and significant impact in your environment.

Decorative cages can be customized to fit your communities' needs. Here are a few examples of color selections for the cage band:



Customized logos are designed to meet your specifications and exceed expectations. Logos are computer generated and created using either rugged polycarbonate or cast aluminum (your choice). Here are a few examples of designs that can personalize your logo cage:







RL34BABA

RL34/RL54 Wide body styles

Lumen range: 2,132–18,438
Wattage range: 20–118
Efficacy range: 92–184



RL34LGIN RL34ABNN RL34BBBN RL34BCEA RL34ADEB



RL52BABA

RL32/RL52 Narrow body styles

Lumen range: 2,441–18,686
Wattage range: 20–118
Efficacy range: 105–187



RL52AA (ETO) RL52BDGC RL52ABNN RL52BAEA RL52GBBN



CL52MHLA

CL32/CL52 Contemporary narrow body styles

Lumen range: 2,441–16,094
Wattage range: 20–118
Efficacy range: 105–161



CL52MKLN CL52PDNN CL52PJKN CL52PKLN CL52RJLA

Hadco offers a complete collection of smooth, fluted, round, tapered and decorative anchor base poles

Decorative lighting and poles are an important design element for streetscapes and campus projects. They are the most visible dayform element in a streetscape and allow a community, developer, or university to preserve the historical significance of their city, development, or campus.

Hadco's many decorative pole designs replicate original historic poles of the past. We have engineered designs utilizing strong aluminum alloys that offer the highest quality and most cost effective alternative to steel or cast iron.

We provides a wide array of heavy duty pole designs in various sizes for street lighting applications which often include bracket arms for multiple luminaires or banner arms. Our light duty poles are often used in pedestrian or residential applications or for mounting street signs, mailboxes, and parking meters.