

# Bollard and CDO Systems

Pedestrian  
& Pathway  
Lighting  
Systems



se'lux<sup>®</sup>

Architectural  
Exterior  
Lighting

---

# Bollards and CDO "City Design Oval" Systems

## High Style and High Quality

High standards of design and lighting performance are inherent in all SELUX lighting systems. For the better part of a century, SELUX has been dedicated to the creation of high quality lighting which combines aesthetics and technology. Practical functionality, pleasing to the eye, and a craftsmanship that harkens back to a different work ethic. A time when things were made to *last*. If quality is an issue, think about SELUX bollards or CDO systems for your project needs. Light, Ideas, Systems—SELUX is your ally when you need to shine.



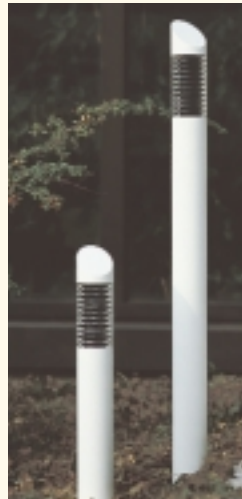
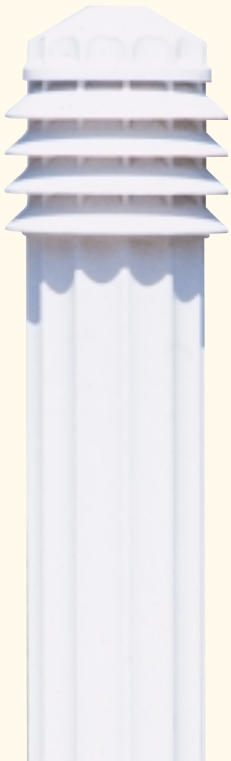
## Engineering with the discerning specifier in mind...

And we back our product with a support team that's there for you from inception right down to the last installation. SELUX is committed to fulfilling your lighting needs, economically and precisely. Our engineers make sure that you get the *right amount* of light *where* you want it. Predictable luminous performance, and the kind of style and quality that will distinguish your architectural lighting components as top notch—SELUX bollard and CDO lighting systems are all *custom made* with you, the discerning specifier or architect, in mind.



## Durable, Practical and Easy to Maintain

Each SELUX luminaire undergoes a rigorous finishing process causing fixtures to retain their beautiful appearance and efficient performance for many years, even in the harshest environments. Installation and maintenance are simplified by integral ballast compartments, captive fastening systems and commonly available electrical components.





# Bollard and CDO Systems

## Pedestrian/Pathway Lighting Systems

### CDO Systems

- Many "City Design Oval" configurations to choose from or customize to your own specifications
- Information Display systems for urban environments



**CDO Ovalette (CDOB)**

- Bollard design from dynamic CDO family.



**CDO Ovalsk (CDO)**

- Information displays can be utilized on the inside spaces or along outer edges of fixture.

### MTR Bollards

- Round or triangular aluminum columns
- Injection-molded acrylic MTR rings (multi-prisms for total reflection) patterned after the light bending characteristics of a prism. (US pat.#4,669,034)



**MTR Triangular (BTM)**



**MTR 90 (B90)**



**Urbi Bollard (URBB)**



**MTR Round (BRM)**

### Series 200 Bollards

- Choices include smooth or fluted columns and four different shieldings.
- Vandal-resistant stainless steel screws provide easy cap removal for access to lamp chamber.



**Smooth/Fresnel (BSF)**



**Fluted/Louver (BFL)**



**Smooth/Reflector (BSR)**



**Fluted/Cast (BFA)**

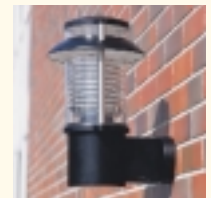


**Saturn Bollard (SAB)**

- Bollard design from our popular SATURN family of luminaires.
- Five shielding options including MTR & borosilicate refractors.

### Related Wall Mounts

- Wall Mounted versions of many fixtures are available. Consult spec sheets for details.



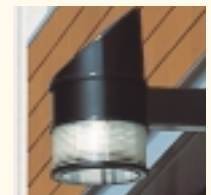
**Saturn Wall (SABW)**



**BTM Wall (WTM)**



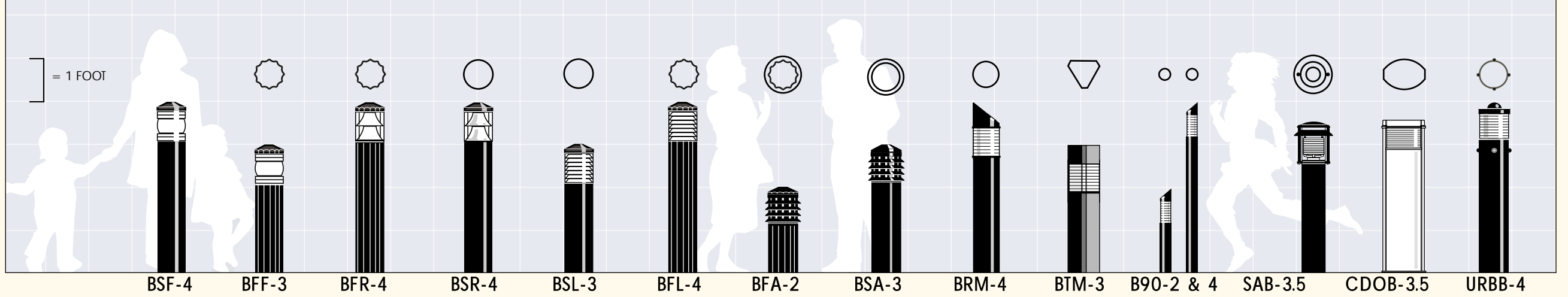
**MTR 90 Wall (W90)**



**MTR 360 Wall (MTR14W)**

## DESIGN OPTIONS

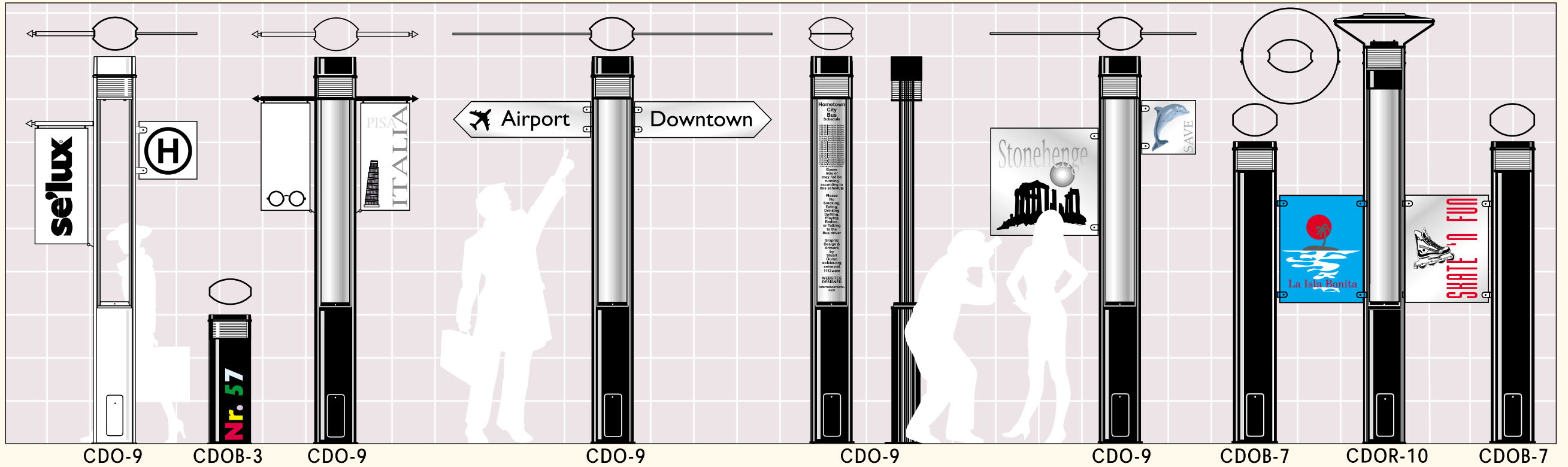
Round, fluted, fresnel lens, cast louver, triangular shape, MTR refractor system—these are just some of the options you have when planning out a SELUX systems installation. Combining graceful design with functional practicality, beauty with performance. SELUX bollards can either blend in seamlessly with a landscaped environment, or complement a sophisticated architectural theme with integrity and style.



## CDO SYSTEMS

### INFORMATION DISPLAYS

In this, "the information age," inquiring minds just want to know... SELUX has recognized the ever-increasing need for viable public information on our streets. CDO systems provide urban designers a perfect solution to meet this need in a functional and integrated manner. From bus schedules to parking lot directions to building addresses, "City Design Oval" CDO systems are in the wings, so to speak, waiting to guide and light the way.



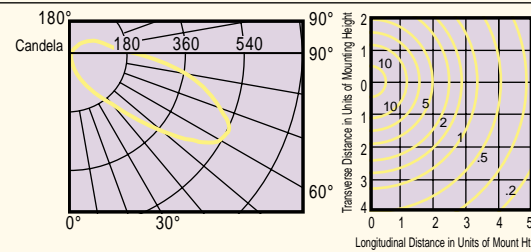
## SHIELDING SYSTEMS / PHOTOMETRICS

All Series 200 bollards are available with four different shielding systems each with its own application advantages. Excellent uniformity, precise control of glare, brightness and light distribution—these are standard qualities that you can expect from every SELUX system. The MTR refractor system, (multi-prisms for total reflection) is a patented design used exclusively on SELUX fixtures. Our wide array of shielding systems and refractor options give designers a unique palette of creative solutions with which to easily meet the challenge of the toughest lighting installations.



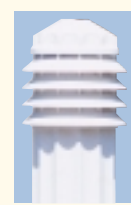
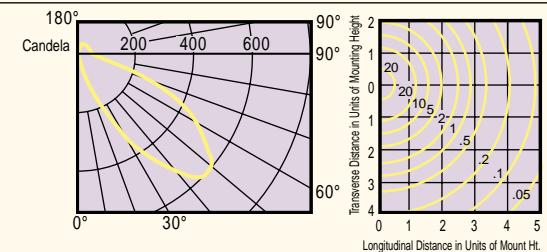
### White Louver (BSL)

- a SELUX variation of a classic louver design
- combines brightness control with some luminance around the source
- maximum candela output of 540.0 at 65° from vertical



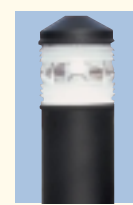
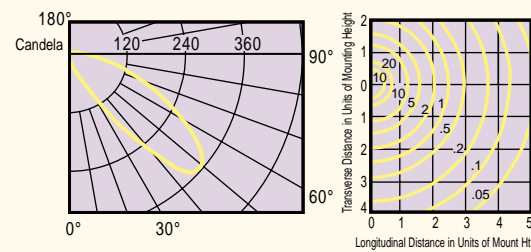
### Double Conical Reflector (BSR)

- highly efficient specular aluminum reflector system
- clear, U.V.-stabilized polycarbonate
- maximum candela distribution of 617.0 at 45.0° from vertical



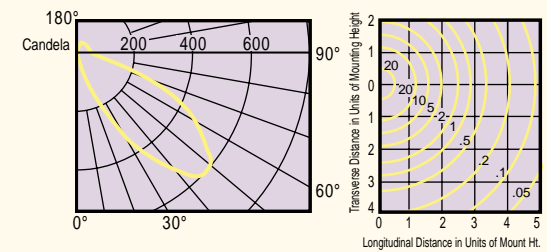
### CAST LOUVER (BFA)

- die-cast aluminum louver provides superior visual comfort
- inner borosilicate glass cylinder houses lamp and provides excellent heat dissipation
- maximum candela output of 341.0 at 50° from vertical



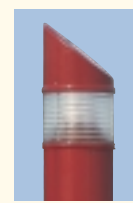
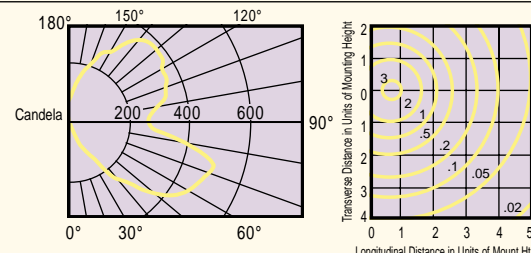
### Fresnel Glass Lens (BSF)

- high quality, thick-walled, cast fresnel lens
- optic system utilizes a mirror reflector to shield light source and control glare.
- maximum candela of 617.0 at 45° from vertical



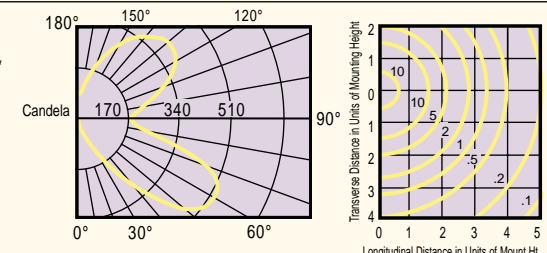
### CDO Bollard (CDOB)

- innovative "Multi-prisms for Total Reflection" system incorporates light-bending characteristics of a prism
- directs light precisely with minimum intensity at critical viewing angles.
- maximum candela output of 470.0 at 70° from vertical



### MTR Round Bollard (BRM)

- innovative "Multi-prisms for Total Reflection" incorporates light-bending properties of a prism (US Patent #4,669,034)
- directs light precisely with minimum intensity at critical viewing angles.
- maximum candela output of 517.0 at 60° from vertical



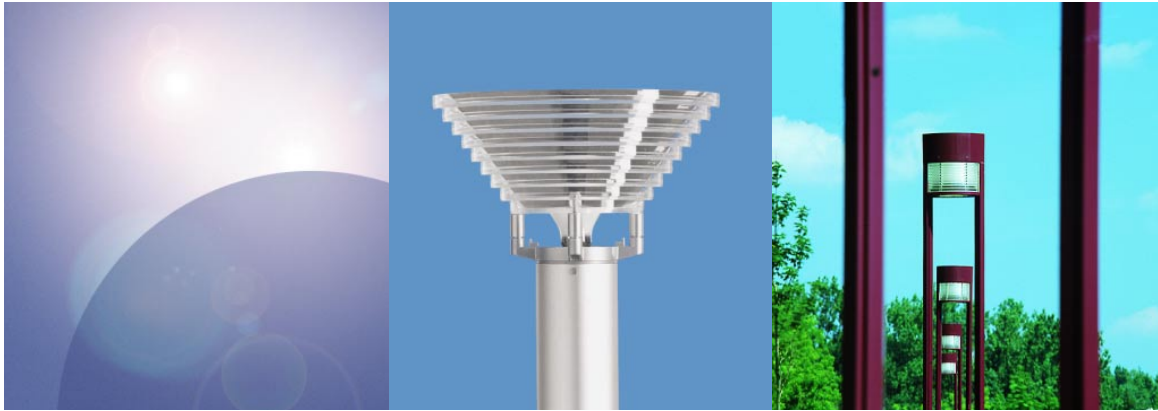
SELUX finish colors can be formulated to match customer supplied color samples.

## FOR MORE INFORMATION

For complete information about all SELUX products, including detailed specification sheets and photometric data for each component of the SATURN line, visit the SELUX web site at [www.selux.com](http://www.selux.com) or call Customer Service at 800/735-8927 (800/SELUX-CS).

# se'lux®

Light. Ideas. Systems.



## LIGHT

Artificial light is perhaps the most fundamental requirement of modern civilization. For fifty years, SELUX has been a leader in the development of advanced lighting products that have helped transform light from a mundane necessity into a vital, vibrant architectural and design element.

## IDEAS

As a multinational company SELUX calls upon the talents of engineers and designers in both the US and Europe to deliver the most innovative concepts in lighting design. And in our New York facility, we back up this global perspective with the strength of American technology and manufacturing capability.

## SYSTEMS

At SELUX we believe in a systems approach. Each design features a variety of mounting configurations and refractor options. This system-oriented flexibility allows for a tremendous variety of visual and photometric effects.



The SELUX full service manufacturing facility in New York.

## A COMMITMENT TO SERVICE

SELUX is committed to the highest standard of customer service. Our engineers will preview and check preliminary layouts and design parameters and suggest various configurations supported by detailed mechanical and photometric specifications. And we will work closely with you to modify standard products or create custom fixtures for special applications.



Berlin • London • Lyon • Milan • New York • Stockholm • Sydney • Vienna

# se'lux®

Light. Ideas. Systems.



SELUX Corporation, 3 Lumen Lane, P.O. Box 1060, Highland, NY 12528  
800/735-8927 • 845/691-7723 • Fax 845/691-6749 • E-mail [seluxus@selux.com](mailto:seluxus@selux.com) • Website: [www.selux.com/usa](http://www.selux.com/usa)