



# The Beacon™ Series Waist-High Optical Turnstiles

## BE800- Stainless Cabinet & Top • Interior Application

### Applications:

This interior application optical unit is ideally suited for indoor office personnel entrances where the majority of people enter using an ID card.

### Product Overview:

Our optical turnstile lanes operate with through beam type sensors to provide accurate monitoring of lane status. To this end, each lane requires a primary cabinet (receivers & logic controller) and secondary cabinet (transmitters). Hybrid cabinets (primary on one side and secondary on the other) are also available to allow multiple lanes per array of cabinets.

Each lane has two main zones comprised of a series of sensors to grant alarm-free passage or detect unauthorized access and tail-gating in either direction of travel.

In addition, crawl-detection sensors exist in the lower section of each cabinet to give additional security. In facilities where excessive low to the ground traffic is frequent, such as gyms with members dragging rolling bags, this feature can be disabled if desired.

### Design & Construction:

- Designed for reliable operation with aesthetics in mind
- Bollard construction is of 304 stainless steel
- Dark tinted tempered glass provides a sleek appearance while concealing inner components
- Cabinet dimensions:  
27-1/4" long x 39" high x 8-5/8" wide

### Product Features:

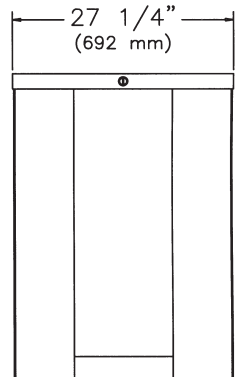
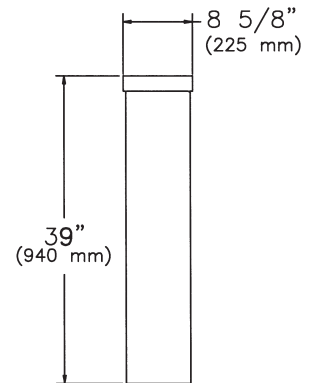
- Optical sensors provide for passage for up to 30 people/minute
- Powerful through beam sensors which exceed sensing distance to ensure proper functionality
- Tri-color indicator lights for lane status
- Optical sensors to prevent unauthorized "crawling" thru lane
- Can be configured for controlled passage in one or both directions, with free or no passage in the other via settings on the logic controller
- Alarm condition provides audible tone as well as solid state output for integration into other systems

### Installation:

- Dual-axis sensor alignment with visible target to ensure a simplified and reliable installation
- Nearly universal integration to any number of access control systems
- Low voltage (24VDC) requirements to secondary cabinet reduce conduit requirements
- Flexibility in passage widths:  
from 22" to 38"

### Warranty:

Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See warranty information for specific details.



*Dimensions are approximate.*

### Electrical Specifications:

Input Voltage: 100-240 VAC  
 Operating Voltage: 24 VDC  
 Operating Current: 15W per lane  
 Direction Inputs: Contact Closure (Normally Open, Dry)

### Standards and Codes:

Austenitic stainless steel:  
 ASTM A240, A249, A276  
 Stainless steel fasteners:  
 ASTM A-320  
 American Welding Society (AWS)  
 Standard D 1.1



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