

**CONTROLLED ACCESS, INC. BEACON SERIES OPTICAL TURNSTILES AND ADA GATES**  
**Beacon Series™, Models BE800-S (Subject to change without notice.)**  
**CABINET-STYLE, WAIST-HIGH OPTICAL TURNSTILES**  
**TURNSTILE SPECIFICATION: SECTION 10450**

**1.00 PART I GENERAL**

- 1.01 Drawings and general provisions as specified apply to this section.
- 1.02 Product Data – Manufacturer's general description for each item and related components. For specific information, see catalog.
- 1.03 Shop drawings submitted upon request.
- 1.04 The Controlled Access, Inc. Optical Turnstiles will utilize the building access control systems to grant or deny access.
- 1.05 High-speed/nonrestrictive pedestrian passageways. Passageways are truly bi-directional at all times.

**2.00 PART II PRODUCTS**

2.01 Turnstile models as manufactured by Controlled Access, Inc., Hinckley, Ohio

**2.02 BEACON™ SERIES**

- 202.1 Bollard construction: 304 Stainless steel. No. 4 brushed satin finish. Dimensions: 26" long x 38" high x 7" wide.
- 202.2 Top surface: Solid surface material in a variety of colors provided by Controlled Access, Inc. Template is available for unique material requirements.
- 202.3 Optical sensors provide for passage for up to 30 people per minute. Throughput is dependent on type of card reader technology and response time of the access system.
- 202.4 Visual and audible annunciation is provided at each passageway to provide status of passageway, indication of valid card read, or alarm condition.
- 202.5 Horizontal Graphic Arrays/HGA's/solid state.
- 202.6 Optical sensors are provided to prevent individuals from obtaining unauthorized access by crawling through the lane.
- 202.7 Distinctive tones for valid card and alarm condition. Adjustable volume control with an 82 db maximum. Buzzer sounds upon alarm condition.
- 202.8 All components are designed specifically by Controlled Access, Inc. for optical turnstile pedestrian control products, and made in the USA.
- 202.9 All components including the HGA's are solid state in design and are virtually maintenance free.
- 202.10 Power requirements: Power supply input 100/120/220/230/240 VAC 50/60HZ Output – 24 VDC @ 2 amps. per passageway.

**2.03 OPTIONS**

- 203.1 Optional console device can remotely monitor and control lane use.
- 203.2 Alarm outputs: N/C, N/O relay rated at 5 amp @24 VDC/auxiliary alarm output contacts provided for interface to building access control, fire/life safety, security, CCTV and monitoring systems.

**3.0 PART III EXECUTION**

- 3.01 Purchaser to install units in accordance with manufacturer's shop drawings and installation manual.
- 3.02 Warranty: Units are warranted against defects in materials and workmanship for a period of two years from date of delivery. See Warranty information for specific details.