

The Turnstile Factory

BEACON SERIES OPTICAL TURNSTILES AND ADA GATES

Beacon Series™, Models BE-800-Z (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 The Turnstile Factory, Hinckley, Ohio

2.02 BEACON™ SERIES

202.1 Bollard construction: 304 Stainless steel. No. 4 brushed satin finish. Dimensions: 36-3/4" long x 39" high x 8-7/8" 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 and Vertical Graphic Arrays/HGA's and VGA'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 and VGA'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.