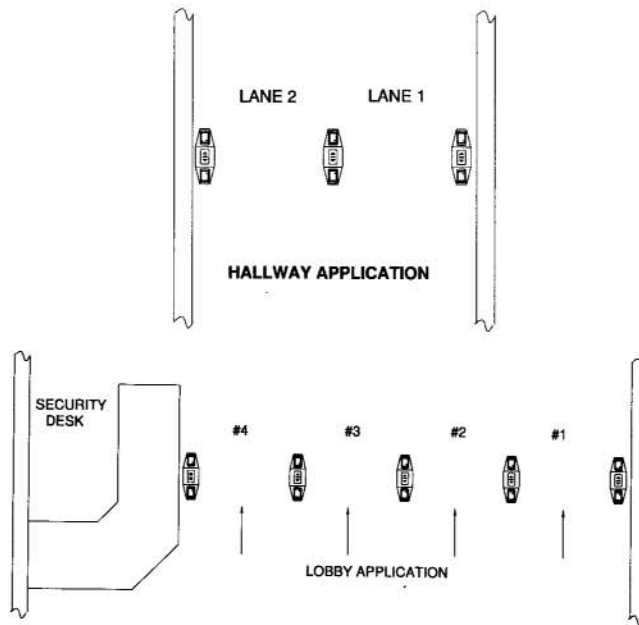




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## Mid-Sized Optical Turnstile ES850 Series



### ES850 MID-SIZED OPTICAL TURNSTILE - TYPICAL APPLICATIONS

#### Criteria for Designing an Optical Turnstile Walkway

1. Determine the number of walkways required based on the desired pedestrian throughput and space availability. A conservative estimate of pedestrian throughput is thirty (30) people/min., 1800/hr., per walkway. This figure assumes the use of a fast response (1/4 sec.) card reader system.
2. Walkway bollards should be spaced 30" - 37" apart. Wider spacing results in pedestrians attempting to pass through the lane two abreast, resulting in a high incident of alarms.

#### Electrical Specifications

<b>Power:</b>	12 VDC @ 1.5 amp/walkway
<b>Control Input:</b>	N/C Door position switch N/O Momentary (1 sec. max.) access granted signal from access control system N/O Remote bypass (momentary/maintained)
<b>Control Output:</b>	N/C Alarm contact N/C Bypass status All relays rated at 500mA @ 30VDC
<b>Audible Alarm:</b>	80 dB @ 3 ft.

#### Mechanical Specifications for the Bollard

<b>Size:</b>	18" L x 38" H x 6" W
<b>Mounting:</b>	12 gauge steel base with 4 - 9/16" mounting holes and 2" conduit hole
<b>Finish:</b>	Top Surface: DuPont Corian/Sierra Midnight* Side Panel: Satin Brushed Stainless Steel*

*\*Custom colors and finishes may be specified at additional cost.*

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