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## 2007 Award of Merit Winner

Jamaica Station Redevelopment  
Jamaica, New York, USA



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**Nelson Downend**

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Photography: John Bartelstone Photography

The gateway to JFK's AirTrain Light Rail airport access system is the Jamaica Station complex. The vertical circulation building and new portal structure serve as an introduction to the region's most important airport. The energy-efficient and low maintenance lighting design reinforces passenger flow throughout the station and is compatible with architectural constraints.

Daylight is supplemented with fluorescent lighting systems controlled by photocell and astronomical time clocks to ensure that the right light levels are established throughout the station at all hours.

Luminaires for the outdoor platforms, stairs, concourse and the Westerly Bridge are standardized around energy-efficient, integrally jacketed, GE 32-watt T8 3500 K cold temperature fluorescent lamps that protect against steel dust and low temperatures. Custom-designed, extruded aluminum luminaires integrate ballasts, wireways and emergency power supplies, ensuring adaptability and ease of maintenance. At night, over the platforms, asymmetric 400-watt metal halide luminaires uplight the ceiling.

In the vertical circulation building, luminaires with 70-watt metal halide lamps are integrated into the curtain wall and celebrate the façade. Recessed downlights with GE 42-watt Triple Biax® 3500 K lamps and 70-watt metal halide downlights with turbo-louvers to control source brightness differentiate this important connector.