

Toronto South Detention Centre

Ontario, Canada

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Project Overview:



The Challenge:

The need to retrofit lighting fixtures in a correctional facility with vandal resistant capabilities. The customer required an upgrade to an LED system, but the availability of 347V DALI ballasts made the conversion to LED both feasible and desirable.



The Process:

The customer provided the backplate of the existing fixture, which served as a crucial reference point for the design of the retrofit. Based on this, we developed and presented a detailed quote that met both the technical and budgetary constraints. Once the quote was approved, we proceeded to create a sample of the proposed LED retrofit fixture for final review and approval.



Our Solution:

The solution delivered was a custom retrofit 1x4 LED fixture designed to fit seamlessly into the existing backplate. This retrofit was not only compatible with the original fixture structure but also equipped with DALI-enabled controls, allowing the customer to integrate advanced lighting management features without replacing the entire system.



The Results:



Custom Solutions

A retrofit solution that integrated with the existing housing.



Close Work Partnership

Every step of the way from facility managers to the end user.



Cost Reduction

In delivering and completing the project as needed with shorter install time.

Featured Products:



LRK-U

QTY: 20 pcs

1x4 LED retrofit recessed fixture