

BetaLED™ Project Brief Overview

Simcoe County District School Board, Bradford District High School, Bradford, Ontario



Project Summary

End User:	Bradford District High School	
Application:	Area Lighting	
Product:	THE EDGE™ Area Luminaire by BetaLED	
Quick Comparison		
Product:	THE EDGE™	High Performance Shoebox
Cut-Off Classification	Full Cut-Off	Full Cut-Off
Light Source:	5 Light Bars (100 LEDs at 350mA)	400W Metal Halide Horizontal Lamp
Relamping:	100,000+ hours (L ₇₀)	15,000 hours average rated life
Number of Assemblies:	30 poles and 42 fixtures	32 poles and 46 fixtures
Average/Minimum	6.83:1	14.0:1
Average	2.05 fc	2.80 fc
Minimum	0.3 fc	0.2 fc
Power Consumption:	128W Total System Watts	455W Total System Watts
Project Energy Savings:	74.3% (327W x 42 fixtures + 455W x 4 removed)	



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70% Energy Savings over Metal Halide.



Simcoe County District School Board chose THE EDGE™ by BetaLED™ to light their newly constructed parking lot at Bradford District High School. The original design called for 32 light assemblies. BetaLED was able to remove 2 poles and 4 fixtures while increasing minimum light levels to 0.3 foot candles and improve uniformity. Over 70% energy savings are just the start for Bradford District High School. The school will now look forward to 100,000+ hours of performance with virtually no maintenance.