



CASE STUDY



HBL SERIES COLORADO WATER TREATMENT



BEFORE



AFTER

CASE STUDY



Fixture Count:
100+

Fixture Type:
Industrial LED High Bay (HBL)

ROI:
Less than a few years. Was more for maintenance savings.

IRR:
N/A

Rebate Dollars:
None

Payback:
Less than 2.5 years

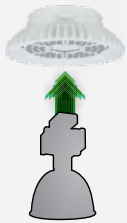
Maintenance costs:
Savings on HPS lamps and ballasts.

Foot candles before/after:
Approximately a 10% increase, with better quality white light.

**CITY OF DENVER WATER TREATMENT FACILITY
DENVER, COLORADO**

BENEFITS

Higher quality of light and in some areas a higher quantity of light. Reduced yearly maintenance costs by thousands of dollars in material and labor. White light of LED increased visibility which made it easier to see in tight spaces. Eliminated shadows and dark areas improving employee safety and productivity. The HBLs low copper aluminium housing and wet location listing is ideal for a water treatment environment.

	ONE-TO-ONE REPLACEMENT		
	PSMH FIXTURE WATTAGE	LEDs	ENERGY SAVINGS
400W PSMH	HBL-72LU	72LU-55-62%	
250W PSMH	HBL-48/60LU	48/60LU-UP TO 55%	
250-400W			
175-250W			

SELLING POINTS

- 100,000 hour life
- Low copper aluminum housing withstands corrosive and water treatment environments
- Ease of installation
- Ideal for facilities because of varying ceiling heights and lumen outputs
- Reduces yearly material and labor maintenance costs by thousands of dollars
- White light of LED increases visibility, especially in tight spaces
- Instant on feature enables owner to turn off lights and achieve further savings
- Eliminates shadows, which improves safety and productivity