

CUSTOM LIGHTING LTD.

M A N U F A C T U R I N G • D E S I G N • T E C H N O L O G Y

RETROFIT - More Light / Less Energy

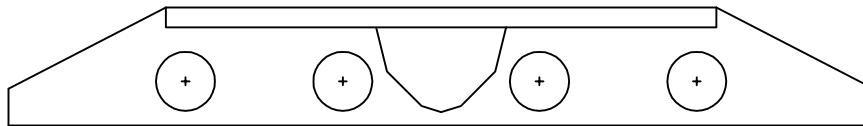
The only efficient way of retrofitting a lighting fixture is to intensify its operating performance and increase light output. This is achieved by using an extra-bright aluminum reflector (87% to 95% reflection) combined with an energy efficient ballast.

Custom Lighting Ltd. manufactures a range of retrofit fixtures that reduce energy costs by utilizing anodized and enhanced aluminum reflectors with directional and defined light control. Because of this, the number of lamps and ballasts can be reduced, increasing the efficiency of the fixture.

Depending on the reflector's design and light distribution, an energy cost reduction of up to 50% can be achieved.

Properties and advantages of anodized aluminum retrofit reflectors: 25 year material and labour warranty, durable finish, anti-static, no de-laminating, blistering, peeling or cracking, no yellowing or darkening, corrosion resistant, UV-stable, abrasion resistant, easy to clean, manufactured and controlled to DIN ISO 9002, totally iridescence-free.

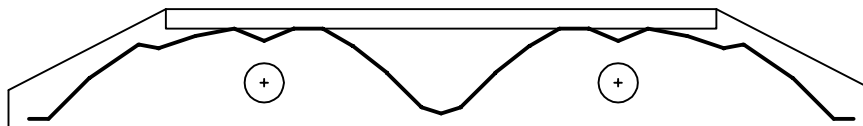
Custom Lighting Ltd. uses CAD based design software to design our retrofit reflectors.



White Painted Fixture - Light Distribution:

- Completely Insufficient Illuminated Working Plane
- Energy/Heat Loss through Top of Fixture
- High Level of Light Diffusion throughout Area
- Longer Payback Period
- Possible Reflector Surface Yellowing - May Affect Performance
- No Warranty

**SCATTERED POOR
LIGHT OUTPUT**



Miro IV Reflector - Light Distribution:

- Optimum Illuminated Working Plane
- Significant Energy Savings of up to 50%
- Reduce Number of Lamps & Ballasts
- Shortened Payback Period
- Directed and Controlled Light
- No Yellowing
- 25 Year Warranty

**FOCUSED AND
EFFICIENT LIGHT
OUTPUT**

