

A modern office interior with a high ceiling, exposed brick walls, and large arched windows. The space is furnished with white desks, black office chairs, and computer monitors. Several long, linear light fixtures are suspended from the ceiling, illuminating the workspace. The overall aesthetic is industrial and minimalist.

# MILO™

**MICRO INTEGRATED LINEAR OPTIC**

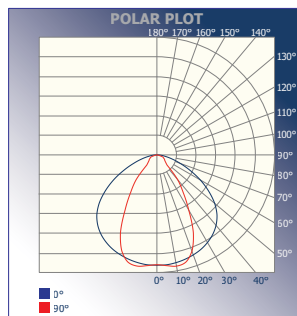
**The MILO™ is the first linear extruded lens with a wide range of beam performance.**

The MILO uses a near-field optical TIR lens system to deliver precise light control with transmittance efficiency averaging over 94%. Its UV-resistant acrylic construction provides excellent diffusion, control, and color over angle performance, and is fully compatible with a wide range of PCB applications.

**FEROXDESIGNS** (Patent Pending)

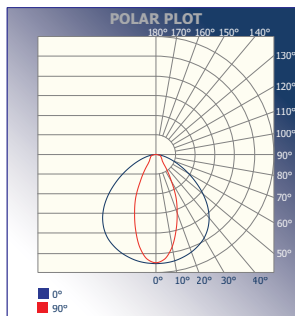
# Product & Ordering Data

## MILO MEDIUM



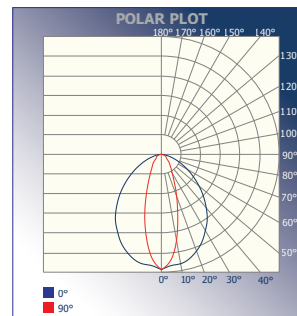
MILO-MED60-2

## MILO NARROW



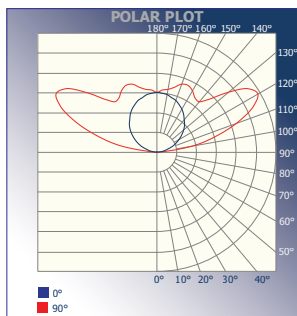
MILO-NRW30-2

## MILO WALL GRAZER



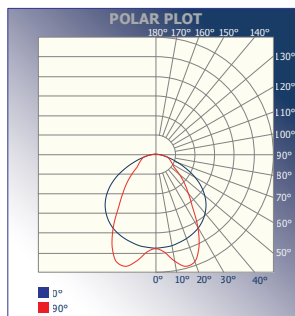
MILO-WG-10-4

## MILO ULTRA WIDE UP LIGHT



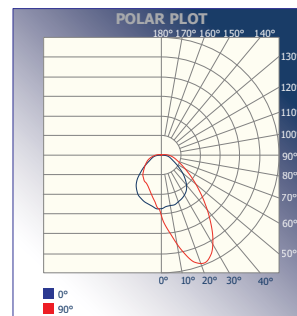
MILO-BW120-4

## MILO MEDIUM BAY AISLE LIGHTER



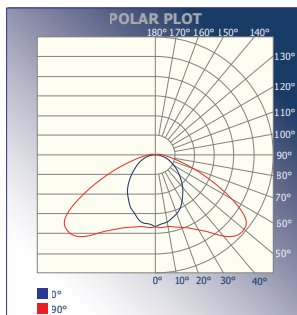
MILO-MBAL15-2

## MILO WALL WASH



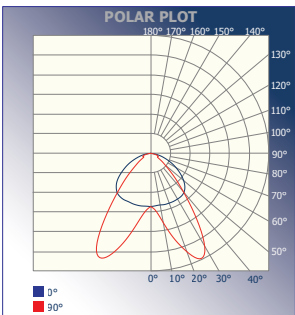
MILO-WW20-4

## MILO BATWING



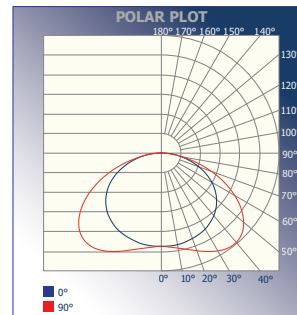
IN DEVELOPMENT

## MILO LOW BAY AISLE LIGHTER



IN DEVELOPMENT

## MILO WIDE



IN DEVELOPMENT



# The MILO™

## The Need

**The demands of architects, engineers, and lighting designers for high-performance, cost-effective linear lighting products have risen alongside the requirements set by both national energy code guidelines and ever more exacting client specifications.**

Professionals in the lighting industry are looking for a product that is energy efficient, provides excellent control over angles of illumination, and makes no sacrifices in terms of design aesthetic or visual comfort.

## The Solution

The MILO series of near-field optics provide OEMs with a unique, cost-saving solution for the design and manufacture of high-performance linear architectural lighting products that exceed the demands of the professional lighting market.

### MILO Clip on Board

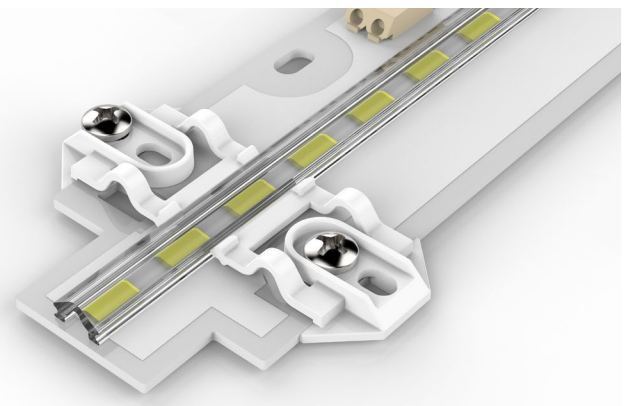
*MILO™ features a simple and reliable clip-on installation. Each MILO™ installs over a row of LEDs with ease and can adapt to standard LED boards offered by major manufacturers.*

## How It Works

The MILO solution uses a Micro Integrated Linear Optic, positioned directly over the LEDs, to produce the required light distribution. A generic, off-the-shelf secondary lens, combined with the MILO primary optic, diffuses the light to produce a continuous white source at an average of 88% luminaire efficiency.

In short, the MILO system allows OEMs to create a higher quality product at a lower cost than traditional solutions. We welcome interested manufacturers to partner with us in reviewing your current designs and creating a cost comparison to see how the MILO system could boost the quality of your products while controlling your cost to manufacture.

Ferox designs will partner with you to find the perfect secondary lens to combine with the MILO, creating a complete design and turn-key package.

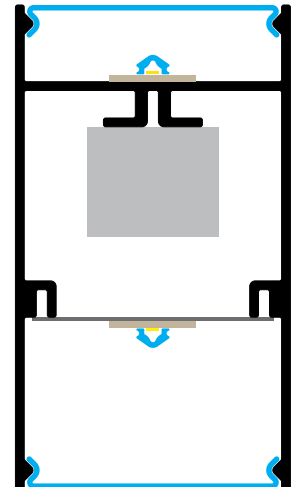


# About Ferox Designs

Ferox designs is an award-winning, innovation-driven engineering design firm with over eighty years of combined experience in the lighting industry.

Senior partners, Joe Mancinelli and Brad Sagona have spent their careers helping to push the limits of how attractive, functional, and efficient the devices that light our lives can be.

MILO and  
Secondary Lens

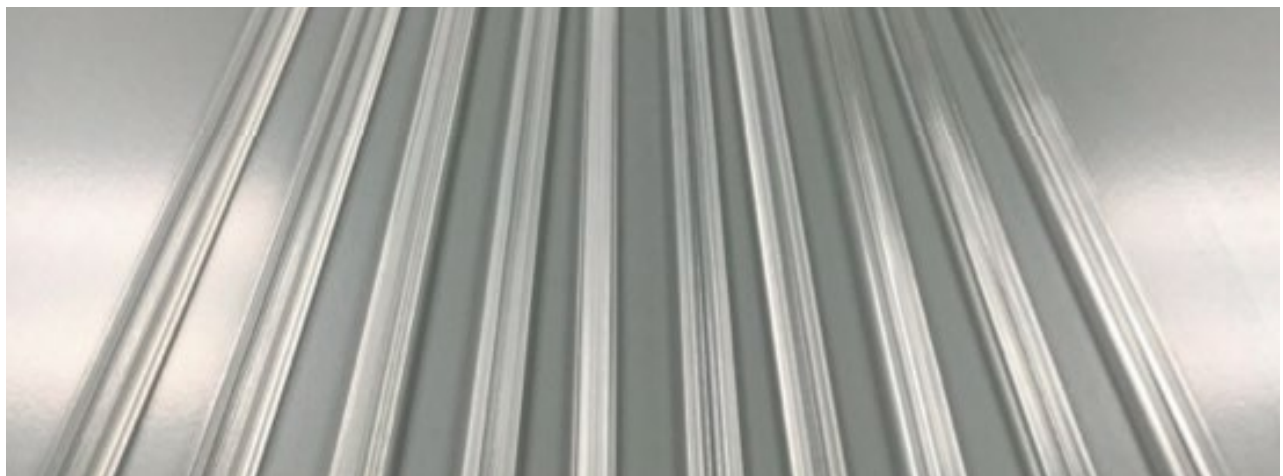
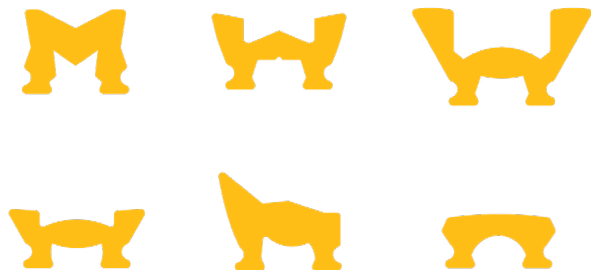


## Technical support

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***Note: The typical angle or beam will be altered by different color temperatures, chip size and chip positions.***

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Ferox Designs, LLC assumes neither warranty, guarantee or liability of any kind for the contents and correctness of the provided information. The performance information has been generated using standard design practices accepted by the lighting community. There may be variations of the results and we suggest that all OEM's using the MILO products conduct their own evaluation and testing prior to approving for light fixture production. Ferox Designs and our engineers can provide assistance and guidance to support the MILO application for mass production, please refer to our website, [www.feroxdesigns.com](http://www.feroxdesigns.com).

Ferox Designs, LLC reserves the right to make technical revisions to its products without prior notice. If revisions are made, new data sheets will be made available to the public on our website.