

January 2019 Newsletter



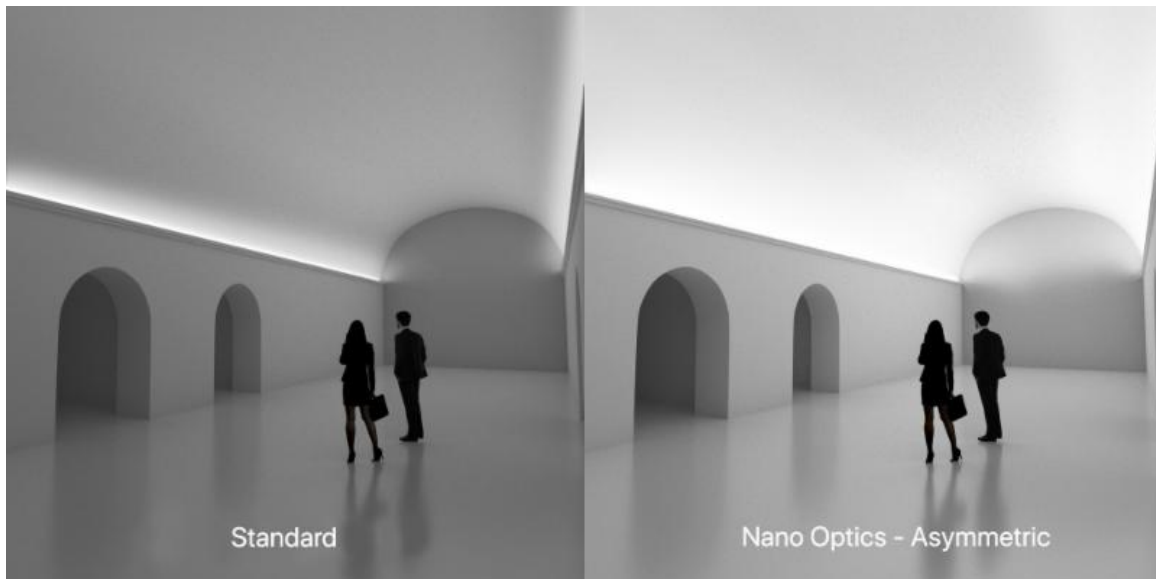
A manufacturer's representative with over 30 years experience serving the OEM lighting market.

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liliBrand

NANO OPTICS™

AN EVER EXPANDING LINEAR OPTICS PLATFORM FOR
ENDLESS POSSIBILITIES



- *Industry leading in size to efficacy ratio at 110+Lumens/Watt
- *Over 95% Optical Efficiency
- *Beautiful color consistency and light uniformity, offered in the smallest package of its kind.
- *Enables the creation of unprecedented efficient and discreet luminaires, allowing light to truly feature.
- *Patented CSM (Central Silicone Module) and optical micro structures to create the only platform of its kind.
- *Reduces extensive product development periods with literal 'drop in' fixture design.

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75 Watt

75-watt are ideal for higher lumen package indoor applications. Offering industry-leading Natural Dimming to dark. Different form factors are available for the perfect fit with your luminaire.

Introduction

The 75W/L product family fills the gap in eldoLED's linear product portfolio between 50W and 100W. The cross section of 75W/L is compatible with the 30W/L and 50W/L eldoLED drivers.

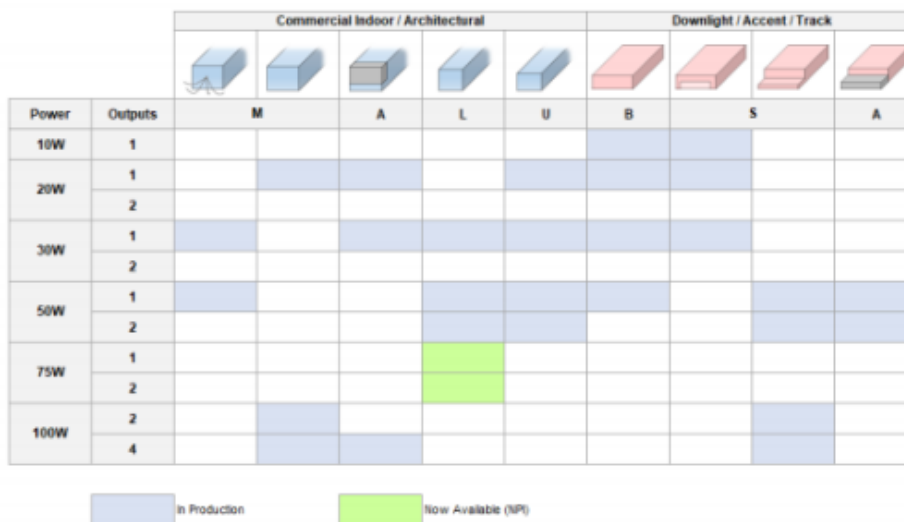


Figure 1: Overview of the eldoLED driver portfolio for general white applications.

The 75W/L product family comes in single channel ($I_{fmax} = 2100mA$) and dual channel ($I_{fmax} = 1400mA$) configurations. Single channel configurations include a medium power AUX (settable between 4 – 24V; $I_{fmax} = 100mA$) while dual channel configurations include a fixed AUX (15.5 – 25V; $I_{fmax} = 18mA$). All drivers are available with UL Recognition (Type TL). The dual channel configurations are also available with UL Class P listing.

Table 1: Certification overview for the different 75W/L configurations.

# LED outputs	I_{fmax} [mA]	AUX	UL Recognition (Type TL)	UL Class P Listing
1	2100	Medium Power	UL: ✓ ENEC/EL: ✗ RCM: ✗ DALI-2: pending (11/2018)	To be released at end of CY2018
2	1400	Fixed	UL: ✓ ENEC/EL: ✓ RCM: ✓ DALI-2: ✓	UL: ✓ ENEC/EL: ✓ RCM: ✗ DALI-2: ✓

For more information on the ECOdrive, SOLOdrive, and DUALdrive, [click here](#)



REFLECT • DIFFUSE • CONTROL

WhiteOptics Micro-Diffusion Film

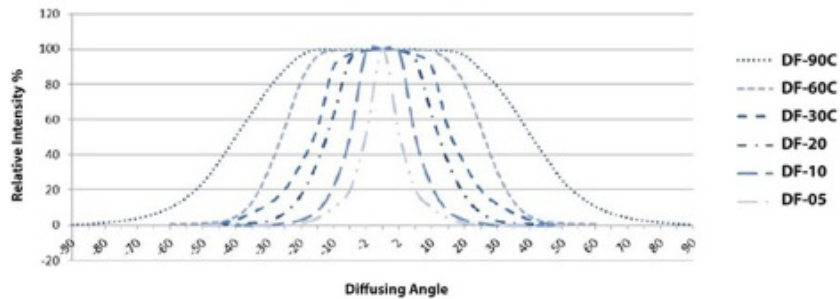
Description: High transmittance circular diffuser film

Options: Available in roll or pre-cut sheets . Also available Direct Cast™ onto rigid acrylic sheets, polycarbonate or glass.

Product Code	Beam Angle (degree)	Optical Efficiency*	Max Width
DF-90C	90 (full diffuse)	>93%	Up to 58" wide
DF-60C	60	>94%	Up to 48" wide
DF-30C	30	>95%	Up to 58" wide
DF-20	20	>95%	Up to 24" wide
DF-10	10	>95%	Up to 24" wide
DF-05	5	>95%	Up to 24" wide

*Achievable optical utilization for LED emitters in 2" deep optical cavity with WhiteOptics F16 White98® film placed on side and back walls and WhiteOptics Micro-Diffusion film used as lens. Results will vary depending on geometrical design and emitter type.

Relative Light Intensity by Angle



Specifications			
Substrate:	PET	Angular Tolerance:	+3%
Width:	See table above	Pencil Hardness:	3H
Thickness:	0.005" (127µm)	Max Temperature:	185 F (85 C)

Custom seamless available in products DF30C, DF60C, and DF90C; C indicates custom seamless version. Film rolls have a visible 1mm repeating seam every 24" (610mm) in roll direction for DF05, DF10, and DF20.

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This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability depends on the particular conditions of use. We recommend that customers satisfy themselves that each product meets their requirements in all respects. This information is being provided by WhiteOptics LLC free of charge as a courtesy to customers, and WhiteOptics LLC HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND LIABILITIES WITH RESPECT TO THE INFORMATION AND USE THEREOF. WhiteOptics® White98® is a trademark exclusive to WhiteOptics LLC. All rights reserved.

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Strategies in Light®

20TH ANNIVERSARY

February 27 - March 1, 2019
MANDALAY BAY CONVENTION CENTER, LAS

White Optics Booth #11610




To register [click here](#)

MIRO® & MIRO-SILVER® 12 HD
Diffuse Oberflächen für LED-Anwendungen
Diffuse surfaces for LED applications



MIRO® & MIRO-SILVER® 12 HD

Our new diffuse reflecting surfaces MIRO® 12 HD & MIRO-SILVER® 12 HD are an instrument to dissolve LED light spots and to reduce luminance contrasts - thus perfectly suitable for glare control purposes.

 **Thermal management challenges? Contact us to help reduce the heat in your luminaire through the use of thermal gap pads.**

TSG is an industry leader for die cutting services, such as flat bed, rotary and large platen head die cutting for larger parts. Their products include gaskets, seals, electrical insulators, high temperature insulation, EMI-RFI Shielding, Thermal Management, and acoustical insulation.

These materials include, but are not limited to, acrylic foam tapes, fabrics, felt, foam, fiberglass, and ceramic insulation. We cut just about every type of rubber or plastic product available. Some include Polyurethane, EPDM, PVC, Neoprene, Cross Link Polyethylene, Polyether, Polyester, and Silicone.

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