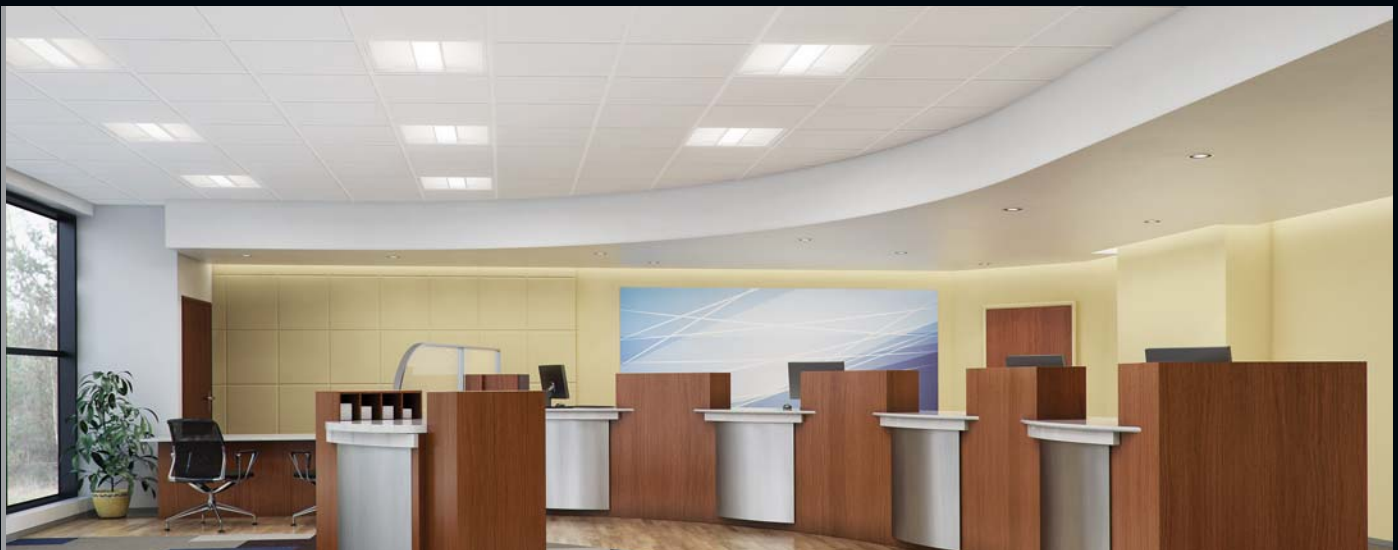






ArcLine Recessed LED luminaire

The **ArcLine™** LED Series blends modern styling with an innovative optical design to deliver leading-edge performance and energy savings. ArcLine combines Eaton's advanced LED technology with a fully luminous center panel to generate optimal light uniformity and enhanced visual comfort. ArcLine's perfect balance of form and function make it an ideal choice for commercial office spaces, schools, hospitals and retail merchandising areas.



Innovation you can rely on™



 **Metalux**



ArcLine Recessed LED luminaire



Construction

- Recessed: 2' x 2', 2' x 4' and 1' x 4'
- Shallow depth: 3.25"
- Tool-less hinged door access
- cULus damp location / IC Rated / RoHS compliant / DLC Qualified
- Sustainable materials
- Five-year warranty



Performance

- High-performance efficacy up to 125 lumens per watt
- Energy savings in excess of 50% compared to traditional fluorescent troffers
- Three Correlated Color Temperatures (3000K, 3500K, 4000K) at typical 85 CRI
- 1' x 4': L86 @ 60,000 hrs.
2' x 2': L89 @ 60,000 hrs.
2' x 4': L86 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

Options

- Eight stocked lumen packages in two CCTs
 - 2' x 2': 2,500 (24.7W) and 3,500 (34.5W)
 - 2' x 4': 4,500 (41.8W) and 5,500 (50.9W)
- Four lens options – Curved Frosted, Rectilinear Frosted, Rectilinear Square Perforated and Rectilinear Round Perforated
- Universal (120V-277V) or 347V
- Emergency – EL7W and EL14W
- Surface mount field install kits
- Flex wiring configurations
- Chicago plenum rated version

Controls

- ArcLine can include a factory-installed integrated sensor system for occupancy and daylight dimming control, with programming and manual controls from an optional handheld remote.
- ArcLine luminaires include 0-10V dimming drivers for control using wall dimmers (10% - 100%), daylighting sensors and room controllers from Eaton. Optional 1% dimming available.
- ArcLine luminaires are available with native DALI drivers for complete digital energy management using Fifth Light addressable lighting controls.





**ArcLine with
sensor**



**Optional Remote
Control**

ArcLine luminaires with integrated sensor controls

Get the best of both worlds. Metalux ArcLine luminaires with LED technology are available with an optional integrated sensor system, optimized to meet energy codes for occupancy sensing and daylight harvesting. The sensor system is factory wired to the luminaire, switching on or off based on occupancy, and dimming the light when enough daylight is available, offering out-of-the-box operation using thoughtful default settings. When the application demands more, the sensor system has an optional remote control allowing changes from the default settings for occupancy, target light level, preset lighting levels, and to temporarily override automatic controls.

Energy savings

Operating and maintenance costs of a lighting system are dramatically impacted by the specified lamp source and electrical system. Total system input watts and fixture operating life should be the driving considerations when addressing energy consumption and total cost of ownership. Energy savings increase when energy consumption is reduced and maintenance intervals are extended.

Fluorescent product comparison

2' x 4' ArcLine series			Popular fluorescent fixtures			Energy savings
Catalog number	Lumens*	Wattage	Fixture type	Lumens*	Wattage	
24ALNG-LD4-67-UNV-L835-CD1-U	6758	64.6	Troffer 332	6629	81.7	-21%
24ALNG-LD4-55-UNV-L835-CD1-U	5565	50.9	Parabolic 332	5646	83.0	-39%
24ALNG-LD4-45-UNV-L835-CD1-U	4632	41.8	Indirect Basket 332	4583	83.7	-50%
			Spec Full Lens 228T5	4698	61.6	-32%
			Spec Dual Lens 228T5	4576	58.0	-28%
24ALNG-LD4-42-UNV-L835-CD1-U	4126	36.4	Spec Full Lens 232	4413	50.6	-28%
			Troffer 232	4310	52.0	-30%
			Indirect Basket 232	3873	72.0	-49%

2' x 2' ArcLine series			Popular fluorescent fixtures			Energy savings
Catalog number	Lumens*	Wattage	Fixture type	Lumens*	Wattage	
22ALNG-LD4-35-UNV-L835-CD1-U	3482	34.5	Troffer 2U6T8	3862	52.1	-34%
22ALNG-LD4-31-UNV-L835-CD1-U	3034	29.2	Spec Full Lens 224	3080	51.5	-43%
			Spec Dual Lens 224	2975	52.0	-44%
			Parabolic 2U6T8	2791	63.1	-54%
22ALNG-LD4-25-UNV-L835-CD1-U	2615	24.7	Troffer 317	2601	42.9	-42%
			Parabolic 317	2588	49.1	-50%
			Spec Dual Lens 214	2403	30.0	-18%

*Lumens listed are delivered lumens.

Eaton's LED technology provides industry leading, energy-efficient performance. ArcLine luminaires provide uniform illumination and superior efficacy. ArcLine offers four color temperature choices with a wide range of lumen packages to provide best-in-class, breadth of line with efficacy reaching as high as 125[†] lumens per watt.

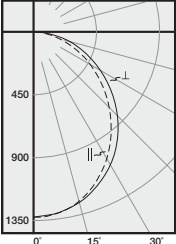
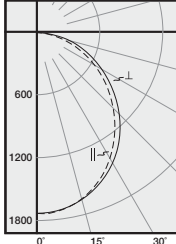
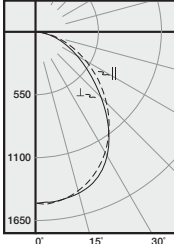
ArcLine 2' x 4' - Stock or MTO**	Catalog logic	Delivered lumens	Watts	Efficacy (lm/W)
MTO	24ALNG-LD4-31-UNV-L835-CD1-U	3029	25.6	118
MTO	24ALNG-LD4-36-UNV-L835-CD1-U	3656	31.7	115
MTO	24ALNG-LD4-42-UNV-L835-CD1-U	4126	36.4	113
STOCK	24ALNG-LD4-45-UNV-L835-CD1-U	4632	41.8	111
MTO	24ALNG-LD4-50-UNV-L835-CD1-U	5134	47.6	108
STOCK	24ALNG-LD4-55-UNV-L835-CD1-U	5565	50.9	109
MTO	24ALNG-LD4-60-UNV-L835-CD1-U	6080	56.7	107
MTO	24ALNG-LD4-67-UNV-L835-CD1-U	6758	64.6	105
MTO	24ALNG-LD4-74-UNV-L835-CD1-U	7439	73.2	102
MTO	24ALNG-LD4-80-UNV-L835-CD1-U	8070	82.2	98

ArcLine 2' x 2' - Stock or MTO**	Catalog logic	Delivered lumens	Watts	Efficacy (lm/W)
MTO	22ALNG-LD4-20-UNV-L835-CD1-U	2184	20.3	108
STOCK	22ALNG-LD4-25-UNV-L835-CD1-U	2615	24.7	106
MTO	22ALNG-LD4-31-UNV-L835-CD1-U	3034	29.2	104
STOCK	22ALNG-LD4-35-UNV-L835-CD1-U	3482	34.5	101
MTO	22ALNG-LD4-40-UNV-L835-CD1-U	3916	40.0	98
MTO	22ALNG-LD4-44-UNV-L835-CD1-U	4375	46.4	94

**Made to order (MTO) requires a typical four week lead time.

† 125 lm/W associated with 4000K Sku.

Photometrics

ArcLine 2' x 2', 3500 Lumens	ArcLine 2' x 4', 4500 Lumens	ArcLine 1' x 4', 3500 Lumens
 <p>Electronic Driver Linear LED 3500K Spacing criterion: (II) 1.2 x mtg height, (I) 1.2 x mtg height Lumens = 3481 Input Watts = 40.0 Efficacy = 87.0 lm/W Test: 22ALNG-LD4-35-UNV-L835-CD1-U.</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (II) 1.2 x mtg height, (I) 1.2 x mtg height Lumens = 4632 Input Watts = 41.8 Efficacy = 110.8 lm/W Test: 24ALNG-LD4-45-UNV-L835-CD1-U.</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (II) 1.2 x mtg height, (I) 1.2 x mtg height Lumens = 3598 Input Watts = 42.3 Efficacy = 85.1 lm/W Test: 14ALNG-LD4-35-UNV-L835-CD1-U.</p>

Size	Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
2' x 4'	25°C	> 86%	< 144,000
2' x 2'	25°C	> 89%	< 199,000
1' x 4'	25°C	> 86%	< 144,000

Certification Data					
cULus - Damp Location	DesignLights Consortium™ Qualified	IC Rated	LM79/LM80 Compliant	ROHS Compliant	NOM Compliant



**Our Lighting
Product Lines**

Halo
Halo Commercial
Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
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Lumark
McGraw-Edison
Invue
Lumière
Streetworks
AtLite
Sure-Lites

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Product Lines**

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Zero 88
Fifth Light Technology
iLight (International Only)

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1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

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