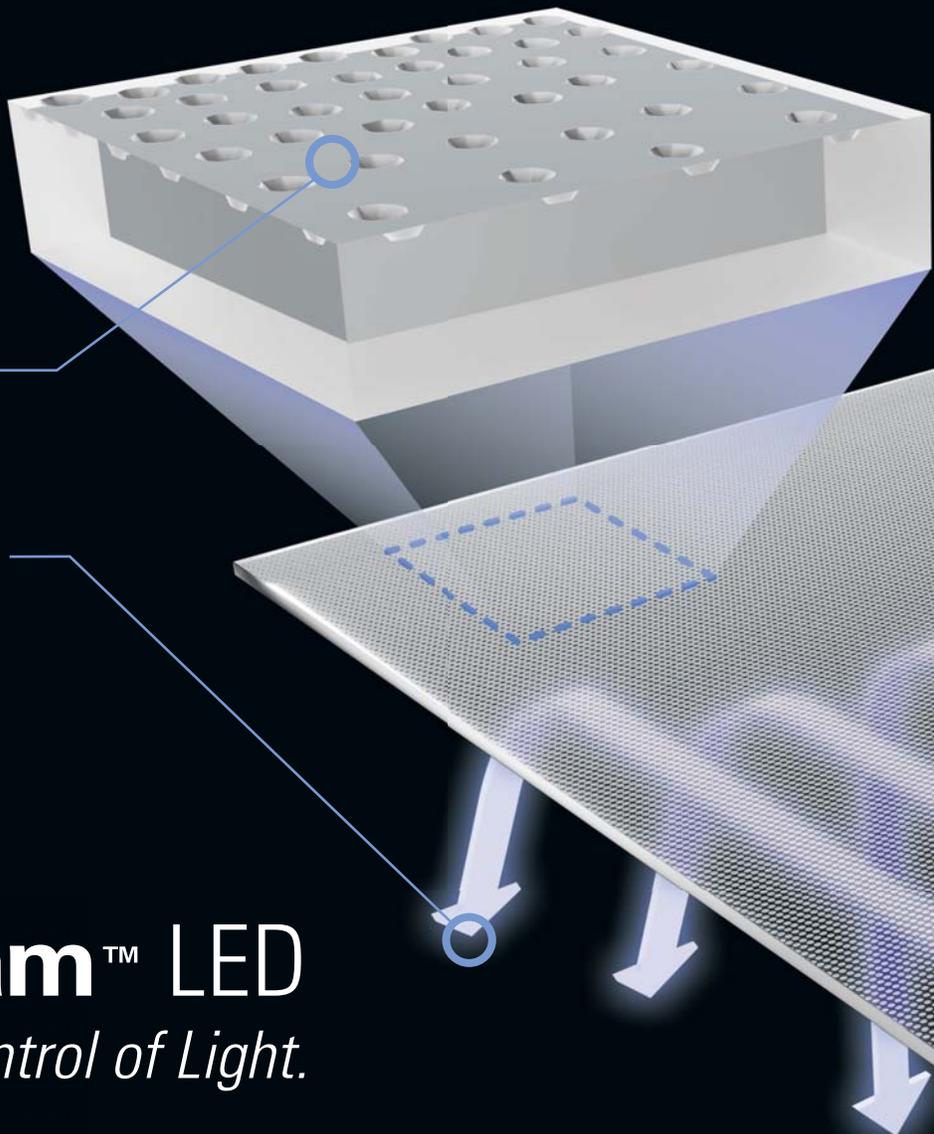


**Encounter™ and SkyRidge™ Series**  
Recessed LED Luminaires



**Cooper Lighting**  
by **EAT•N**



Patented AccuAim™ optics

Precisely controlled light output

# WaveStream™ LED

*Taking Control of Light.*

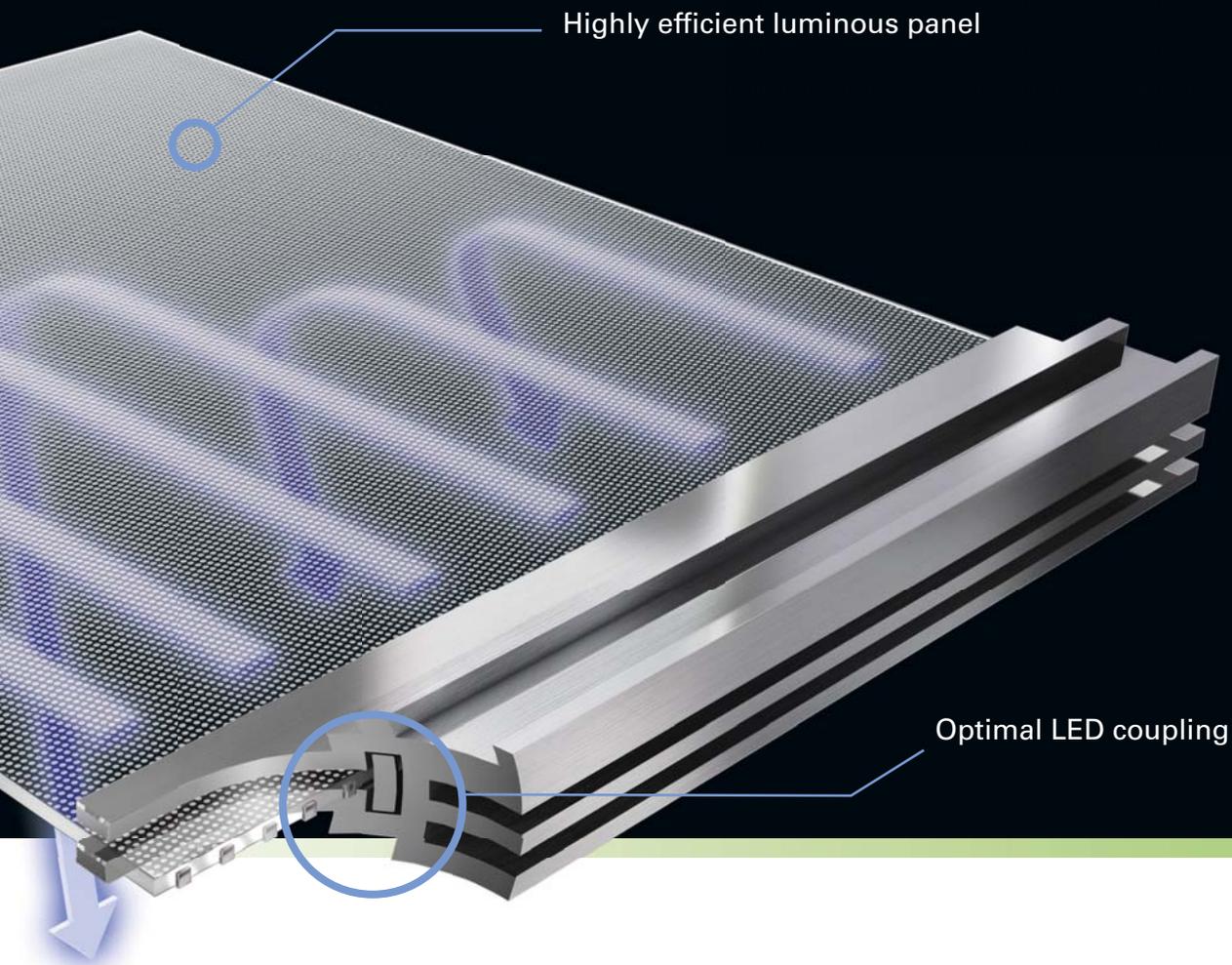
Design Freedom  
Optical Control  
Energy Efficiency  
Brightness Control  
Mainstream Value

## The Breakthrough You've Been Waiting For

WaveStream™ LED technology presents a new paradigm that will take LEDs mainstream in a way that hasn't been possible before — transforming the LED point source into a highly efficient and elegant luminous plane. It's a groundbreaking technology that delivers unparalleled design freedom, maximum energy efficiency and unrivaled optical and brightness control.

## The Science Behind the Beauty

A patented optical coupling process maximizes the amount of light injected into the WaveStream panel, dramatically improving luminaire efficiency. Laser-precise, patented AccuAim™ optics arranged in exacting patterns provide unparalleled brightness control while delivering optimal distributions tailored to each fixture and application.

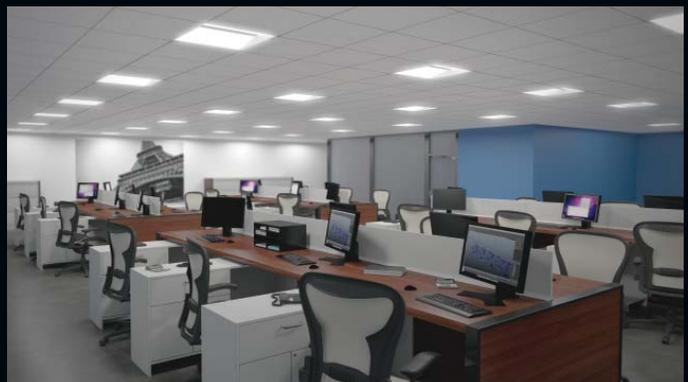


WaveStream is the first lighting technology designed and optimized exclusively for LEDs — with form and function that allows mainstream adoption like never before. Once you factor in all the ways you can build and customize WaveStream lighting solutions, over 500,000 configurations are available to address nearly every major lighting application.

# Encounter™ Series

**Performance, uniformity, style.** The **Encounter™** Series redefines ambient lighting by blending contemporary styling with innovative WaveStream™ LED technology. The result is exceptional performance and superior energy savings – all at an affordable price.

The highly efficient LED system with advanced optical design delivers optimal light uniformity, resulting in soft, natural light for superior visual comfort. Encounter is a perfect balance of form and function, making it an ideal choice for commercial interiors.



**Innovation** you can rely on™



# Metalux Encounter™ Series



## Construction

- Recessed: 2' x 2', 2' x 4', 1' x 4' and 1' x 2'
- Depth: 3.25"
- Sustainable materials
- cULus damp location / IC Rated
- ROHS compliant
- Five-year warranty

## Performance

- High-performance efficacy up to 106 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
- 2' x 2': L85 @ 60,000 hrs.; 1' x 2': L89 @ 60,000 hrs.; 2' x 4': L78 @ 60,000 hrs; 1' x 4': L79 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse



## Options

- Five stocked lumen packages in two CCTs
  - 2' x 2': 2500 and 3400; 2' x 4': 4500, 5400 and 6700
  - Twenty-seven additional lumen packages offered as MTO
- Universal (120V/277V) or 347V
- Emergency – 700, 1000 and 1400 lumens
- Flex wiring configurations
- Chicago plenum rated version

## Controls

- Encounter luminaires include (0-10V) dimming for control using wall dimmers (5% - 100%), daylighting sensors and Room Controllers from Eaton's Cooper Controls business.
- Encounter luminaires are available with native Fifth Light DALI drivers for complete digital energy management using Fifth Light addressable lighting controls. For details on the Fifth Light solution, please visit [www.coopercontrol.com](http://www.coopercontrol.com)





## **Fifth Light brings energy savings, control and addressability to Metalux luminaires**

The future of lighting lies in smart controls in combination with smart lighting fixtures. From private offices to large-scale building management systems, Eaton's Cooper Controls business has a fully integrated solution for any project. Their Fifth Light brand offers a complete line of digital addressable control products to ensure two-way communication with every component in a building. Fifth Light hardware consists of multi-sensors, user interfaces, personal controls, ballasts, drivers and more. A wide array of software options integrate with VOIP phones, computers, tablets and mobile phones for complete control at your fingertips.



**fifthlight**  
technology

# 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' Encounter Series			Popular Fluorescent Fixtures			Energy Savings
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	
24EN-LD1-67-UNV-L835-CD1-U	6730	70.2	Troffer 432	8402	109.7	- 36%
			Troffer 332	6629	81.7	- 14%
24EN-LD1-56-UNV-L835-CD1-U	5421	54.4	Parabolic 332	5646	83.0	- 34%
24EN-LD1-45-UNV-L835-CD1-U	4504	47.0	Indirect Basket 332	4583	83.7	- 44%
			Direct Dual Lens 228T5	4576	58.0	- 19%
			Troffer 232	4310	52.0	- 10%
			Indirect Basket 232	3873	72.0	- 35%

2' x 2' Encounter Series			Popular Fluorescent Fixtures			Energy Savings
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	
22EN-LD1-34-UNV-L835-CD1-U	3422	34.9	Indirect Basket 2BX40	4324	68.2	- 49%
			Troffer 2U6T8	3862	52.1	- 33%
			Direct Dual Lens 224	2975	52.0	- 33%
			Parabolic 2U6T8	2791	63.1	- 45%
22EN-LD1-25-UNV-L835-CD1-U	2537	25.5	Direct Dual Lens 224	2975	52.0	- 51%
			Parabolic 2U6T8	2791	63.1	- 60%
			Troffer 317	2601	42.9	- 41%
			Parabolic 317	2588	49.1	- 48%
			Direct Dual Lens 214	2403	30.0	- 15%

\*Lumens listed are delivered lumens.

WaveStream LED technology provides industry-leading, energy-efficient performance. With a patented LED coupling, optimized thermal management and proprietary AccuAim™ optics, the Encounter Series provides uniform illumination and superior efficacy. Encounter luminaires offer three color temperature choices with a wide range of lumen packages to provide best-in-class, breadth-of-line with efficacy reaching as high as 106<sup>†</sup> lumens per watt.

Encounter 2' x 4' - Stock or MTO**	Catalog Logic	Delivered Lumens	Watts	Efficacy (lm/W)
MTO	24EN-LD1-30-UNV-L835-CD1-U	3040	30.1	101
MTO	24EN-LD1-34-UNV-L835-CD1-U	3449	34.5	100
MTO	24EN-LD1-40-UNV-L835-CD1-U	4039	41.3	98
STOCK	24EN-LD1-45-UNV-L835-CD1-U	4504	47.0	96
MTO	24EN-LD1-49-UNV-L835-CD1-U	4962	49.3	101
STOCK	24EN-LD1-54-UNV-L835-CD1-U	5421	54.4	100
MTO	24EN-LD1-58-UNV-L835-CD1-U	5856	59.5	98
STOCK	24EN-LD1-67-UNV-L835-CD1-U	6730	70.2	96
MTO	24EN-LD1-70-UNV-L835-CD1-U	7077	74.9	94
MTO	24EN-LD1-74-UNV-L835-CD1-U	7443	80.0	93

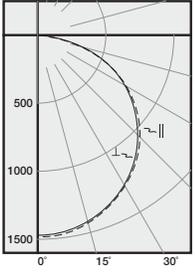
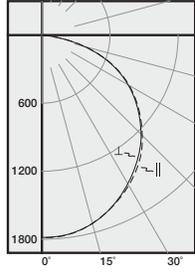
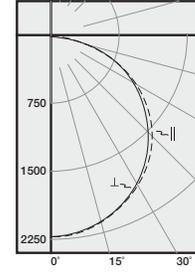
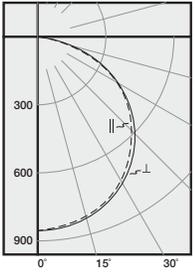
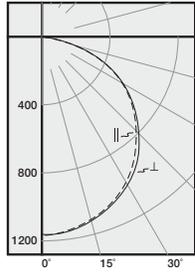
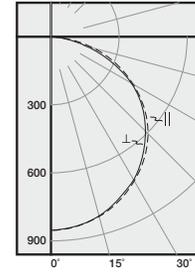
Encounter 2' x 2' - Stock or MTO**	Catalog Logic	Delivered Lumens	Watts	Efficacy (lm/W)
MTO	22EN-LD1-19-UNV-L835-CD1-U	1936	18.7	104
STOCK	22EN-LD1-25-UNV-L835-CD1-U	2537	25.5	99
MTO	22EN-LD1-30-UNV-L835-CD1-U	3002	30.4	99
STOCK	22EN-LD1-34-UNV-L835-CD1-U	3424	34.9	98
MTO	22EN-LD1-39-UNV-L835-CD1-U	3915	41.7	94
MTO	22EN-LD1-43-UNV-L835-CD1-U	4396	47.6	92

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

<sup>†</sup>106 lumens per watt is associated with 1' x 4' version.

**Note:** 3000K and 4000K performance data available on product specification sheets.

# Photometrics

Encounter 2' x 4', 4500 Lumens	Encounter 2' x 4', 5400 Lumens	Encounter 2' x 4', 6700 Lumens
 <p>Electronic Driver Linear LED 3500K Spacing criterion: (H) 1.3 x mtg height, (L) 1.3 x mtg height Efficiency = 100% Lumens = 4504 Input Watts = 47.0 Efficacy = 96 lm/W Test: 24EN-LD1-44- UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (H) 1.3 x mtg height, (L) 1.3 x mtg height Efficiency = 100% Lumens = 5421 Input Watts = 54.4 Efficacy = 100 lm/W Test: 24EN-LD1-54- UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (H) 1.3 x mtg height, (L) 1.3 x mtg height Efficiency = 100% Lumens = 6730 Input Watts = 70.2 Efficacy = 96 lm/W Test: 24EN-LD1-66- UNV-L835-CD1-U.IES</p>
Encounter 2' x 2', 2500 Lumens	Encounter 2' x 2', 3400 Lumens	Encounter 1' x 4', 2500 Lumens
 <p>Electronic Driver Linear LED 3500K Spacing criterion: (H) 1.2 x mtg height, (L) 1.3 x mtg height Efficiency = 100% Lumens = 2537 Input Watts = 25.5 Efficacy = 99 lm/W Test: 22EN-LD1-25- UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (H) 1.2 x mtg height, (L) 1.3 x mtg height Efficiency = 100% Lumens = 3424 Input Watts = 34.9 Efficacy = 98 lm/W Test: 22EN-LD1-34- UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (H) 1.3 x mtg height, (L) 1.3 x mtg height Efficiency = 100% Lumens = 2546 Input Watts = 25.0 Efficacy = 101 lm/W Test: 14EN-LD1-25- UNV-L835-CD1-U.IES</p>

# Ordering Information

Sample Number: 22EN-LD1-34-UNV-L835-CD1-U

Rating	Series <sup>2</sup>	Lamp Type	LED Lumens Output				Optics	Voltage <sup>5</sup>
[Blank]=Standard ATW-SW4=Chicago Rated <sup>1</sup>	22EN=2' x 2' Encounter Series 24EN=2' x 4' Encounter Series 14EN=1' x 4' Encounter Series 12EN=1' x 2' Encounter Series	LD1=LED 1.0	2' x 2' Stock 25=2500 Lumens <sup>3</sup> 34=3400 Lumens  MTO <sup>4</sup> 19=1900 Lumens <sup>3</sup> 30=3000 Lumens 39=3900 Lumens 43=4300 Lumens	2' x 4' Stock 45=4500 Lumens 54=5400 Lumens 67=6700 Lumens  MTO <sup>4</sup> 30=3000 Lumens 34=3400 Lumens 40=4000 Lumens 49=4900 Lumens 58=5800 Lumens 70=7000 Lumens 74=7400 Lumens	1' x 4' MTO <sup>4</sup> 18=1800 Lumens 25=2500 Lumens 28=2800 Lumens 33=3300 Lumens 38=3800 Lumens 43=4300 Lumens 47=4700 Lumens 51=5100 Lumens	1' x 2' MTO <sup>4</sup> 8=800 Lumens 13=1300 Lumens 17=1700 Lumens 23=2300 Lumens 27=2700 Lumens 31=3100 Lumens 35=3500 Lumens 39=3900 Lumens	[Blank]=Standard	347V=347 Volt <sup>6,15</sup> UNV=Universal Voltage 120-277
Options	CCT	Options	Driver Type	Number of Drivers	Packaging	Accessories (Order Separately)		
Emergency EL=Emergency Installed, 700 Lumens <sup>7</sup> EL14=Emergency Installed, 1400 Lumens <sup>7,8</sup> EL10W=Emergency Installed, 10 Watts <sup>7,12</sup>	L830=3000K L835=3500K L840=4000K	Flex <sup>9</sup> Flex=Multiple Configurations Available	CD=0-10V Dimming Driver (Standard) SD=Step-dim Driver <sup>10,16</sup> SLTD=Fifth Light DALI Driver (10% - 100% Dimming) <sup>11</sup> SLTHD=Fifth Light DALI Driver (1% - 100% Dimming) <sup>11,16</sup>	1=1 Driver 2=2 Drivers <sup>13,14</sup>	U=Unit Pack PALC=Job Pack, in Carton	T3A END E.Q. BRACKET PARTS BAG=(Standard with Fixture) DF-14-W=1' x 4' Drywall Frame Kit DF-22-W=2' x 2' Drywall Frame Kit DF-24-W=2' x 4' Drywall Frame Kit UJB-SR-14=1' x 4' Surface Mount Kit UJB-SR-22=2' x 2' Surface Mount Kit UJB-SR-24=2' x 4' Surface Mount Kit		

**NOTES:** 1. Chicago rated version does not allow for row mounting. 2. DesignLights™ Consortium Qualified (all lumen packages). Refer to www.designlights.org Qualified Products List under Family Models for details. 3. 2' x 2' 1900 and 2500, 1' x 4' 1800, 2500 and 2800, 1' x 2' 800, 1300, 2300 and 2700 lumen packages are not available with Fifth Light (5LTD) driver. 4. Made-to-order (MTO) requires four week lead time. 5. Products also available in non-US voltage and frequencies for international markets. 6. 347V emergency option not available. 7. Test switch and indicator are remote mounted. 8. Must specify voltage (120V or 277V) when selecting EL option. 9. Flex does not include dimming leads. Control leads provided by others. 10. 2' x 4' 3000, 2' x 2' 1900, 2500 and 3000, 1' x 4' 1800, 2500 and 2800, 1' x 2' 800, 1300, 2300 and 2700 lumen packages not available with Step-dim drivers. 11. For a complete listing of Fifth Light Technology products and other solutions from Cooper Controls, visit www.coopercontrol.com. 12. For delivered lumens, take lumens per watt of desired fixture and multiply by 10 watts (100 lp/W x 10 = 1000 lumens delivered). 13. Two drivers only required for 6700, 7000 and 7400 lumen options with step-dim driver. 14. Two drivers required for 5LTHD option for 4900 lumens and up. 15. 347V option not available with 7400 lumen package. 16. Step-dim and Fifth Light DALI (5LTHD - 1%) are not DLC qualified.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.

Size	Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
2' x 4'	25°C	> 78	> 92,000
1' x 4'	25°C	> 79	> 101,000

Size	Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
2' x 2'	25°C	> 85	> 163,000
1' x 2'	25°C	> 89	> 183,000

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



# SkyRidge™ Series

**Elegant, efficient, affordable.** The **SkyRidge™** Series sets a new industry standard by offering a stylish and affordable LED alternative to fluorescent fixtures. Patented WaveStream™ LED technology provides unmatched levels of optical performance and energy efficiency at a compelling price, enabling large-scale adoption.

SkyRidge delivers a distinct blend of technology and beauty, making it the natural choice for today's commercial environments.



**Innovation** you can rely on™



# Metalux SkyRidge™ Series



## Construction

- Recessed: 2' x 2' and 2' x 4' (1' x 2' and 1' x 4' available in late 2014)
- Depth: 4.75"
- Two reflector choices: curved and rectilinear
- Sustainable materials
- cULus damp location / IC Rated
- ROHS compliant
- Five-year warranty

## Performance

- High-performance efficacy up to 109 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
- 2' x 2': L84 @ 60,000 hrs.;  
2' x 4': L85 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

## Options

- Four stocked lumen packages in two CCTs
  - 2' x 2': 2000 and 2900; 2' x 4': 3900 and 4800
  - Four additional lumen packages offered as MTO
- Universal (120V/277V) or 347V
- Emergency – 700, 1000 and 1400 lumens
- Air-vented version
- Chicago plenum rated version
- Flex wiring configurations

## Controls

- SkyRidge luminaires include (0-10V) dimming for control using wall dimmers (5% - 100%), daylighting sensors and Room Controllers from Eaton's Cooper Controls business.
- SkyRidge luminaires are available with native Fifth Light DALI drivers for complete digital energy management using Fifth Light addressable lighting controls. For details on the Fifth Light solution, please visit [www.coopercontrol.com](http://www.coopercontrol.com)





## Greengate Integrated Solutions

Greengate lighting controls from Eaton's Cooper Controls business integrate easily with both the Metalux SkyRidge and Encounter Series. Both luminaires include standard 0-10V continuous dimming drivers for easy and flexible integration with lighting control panels, occupancy sensors, daylighting controls and room controllers. Greengate lighting control products combine energy-savings and maintenance-free technology to deliver the most reliable, cost-effective energy management solutions on the market.



# 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' SkyRidge Series			Popular Fluorescent Fixtures			Energy Savings
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	
24SR-LD1-48-C-UNV-L835-CD1-U	4810	49.1	Parabolic 332	5646	83.0	- 41%
			Indirect Basket 332	4583	83.7	- 41%
			Spec Dual Lens 228T5	4576	58.0	- 15%
24SR-LD1-39-C-UNV-L835-CD1-U	3940	38.8	Indirect Basket 332	4583	83.7	- 54%
			Spec Dual Lens 228T5	4576	58.0	- 33%
			Troffer 232	4310	52.0	- 25%
			Indirect Basket 232	3873	72.0	- 46%

2' x 2' SkyRidge Series			Popular Fluorescent Fixtures			Energy Savings
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	
22SR-LD1-29-C-UNV-L835-CD1-U	2935	30.0	Troffer 2U6T8	3862	52.1	- 42%
			Spec Dual Lens 224	2975	52.0	- 42%
			Parabolic 2U6T8	2791	63.1	- 52%
			Troffer 317	2601	42.9	- 30%
22SR-LD1-20-C-UNV-L835-CD1-U	2046	19.9	Troffer 317	2601	42.9	- 54%
			Parabolic 317	2588	49.1	- 59%
			Spec Dual Lens 214	2403	30.0	- 34%

\*Lumens listed are delivered lumens.

WaveStream LED technology provides industry-leading, energy-efficient performance. With a patented LED coupling, optimized thermal management and proprietary AccuAim™ optics, the SkyRidge Series provides advanced optical control and superior efficacy. SkyRidge luminaires offer three color temperature choices in two reflector choices with a wide range of lumen packages to provide best-in-class, breadth-of-line with efficacy reaching as high as 109\*\* lumens per watt.

SkyRidge 2' x 4' - Stock or MTO†	Catalog Logic	Reflector	Delivered Lumens	Watts	Efficacy (lm/W)
MTO	24SR-LD1-29-C-UNV-L835-CD1-U	Curve	2998	28.2	106
MTO	24SR-LD1-34-C-UNV-L835-CD1-U	Curve	3451	33.0	104
STOCK	24SR-LD1-39-C-UNV-L835-CD1-U	Curve	3940	38.8	102
MTO	24SR-LD1-45-C-UNV-L835-CD1-U	Curve	4538	46.2	98
STOCK	24SR-LD1-48-C-UNV-L835-CD1-U	Curve	4810	49.1	98
MTO	24SR-LD1-29-S-UNV-L835-CD1-U	Straight	2959	28.1	105
MTO	24SR-LD1-34-S-UNV-L835-CD1-U	Straight	3409	32.9	104
MTO	24SR-LD1-39-S-UNV-L835-CD1-U	Straight	3884	39.1	99
MTO	24SR-LD1-45-S-UNV-L835-CD1-U	Straight	4494	46.7	96
MTO	24SR-LD1-48-S-UNV-L835-CD1-U	Straight	4776	49.0	97

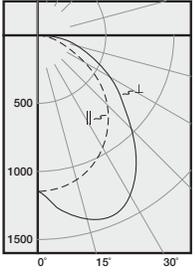
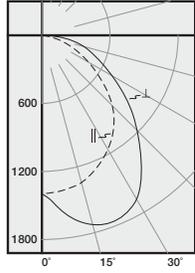
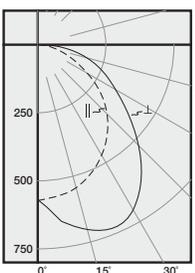
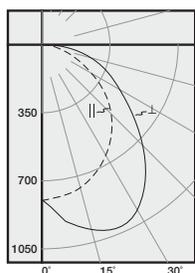
SkyRidge 2' x 2' - Stock or MTO†	Catalog Logic	Reflector	Delivered Lumens	Watts	Efficacy (lm/W)
STOCK	22SR-LD1-20-C-UNV-L835-CD1-U	Curve	2046	19.9	103
MTO	22SR-LD1-25-C-UNV-L835-CD1-U	Curve	2550	25.5	100
STOCK	22SR-LD1-29-C-UNV-L835-CD1-U	Curve	2935	30.0	98
MTO	22SR-LD1-20-S-UNV-L835-CD1-U	Straight	2083	19.7	106
MTO	22SR-LD1-25-S-UNV-L835-CD1-U	Straight	2597	25.1	103
MTO	22SR-LD1-29-S-UNV-L835-CD1-U	Straight	2984	29.7	101

\*\*109 lumens per watt is associated with a 4000K version.

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

**Note:** 3000K and 4000K performance data available on product specification sheets.

# Photometrics

SkyRidge 2' x 4', 3900 Lumens	SkyRidge 2' x 4', 4800 Lumens
 <p>Electronic Driver Linear LED 3500K Spacing criterion: (  ) 1.2 x mtg height, (⊥) 1.6 x mtg height Efficiency = 100% Lumens = 3940 Input Watts = 38.8 Efficacy = 102 lm/W Test: 24SR-LD1-39-C- UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (  ) 1.3 x mtg height, (⊥) 1.3 x mtg height Efficiency = 100% Lumens = 4810 Input Watts = 49.1 Efficacy = 98 lm/W Test: 24SR-LD1-48-C- UNV-L835-CD1-U.IES</p>
SkyRidge 2' x 2', 2000 Lumens	SkyRidge 2' x 2', 2900 Lumens
 <p>Electronic Driver Linear LED 3500K Spacing criterion: (  ) 1.2 x mtg height, (⊥) 1.3 x mtg height Efficiency = 100% Lumens = 2046 Input Watts = 19.9 Efficacy = 103 lm/W Test: 22SR-LD1-20-C- UNV-L835-CD1-U.IES</p>	 <p>Electronic Driver Linear LED 3500K Spacing criterion: (  ) 1.2 x mtg height, (⊥) 1.3 x mtg height Efficiency = 100% Lumens = 2935 Input Watts = 30.0 Efficacy = 98 lm/W Test: 22SR-LD1-34-C- UNV-L835-CD1-U.IES</p>

# Ordering Information

Sample Number: 22SR-LD1-29-C-UNV-L835-CD1-U

Rating	Series <sup>11</sup>	Air	Lamp Type	LED Lumens Output		Reflector	Optics	Voltage <sup>4</sup>
[Blank]=Standard ATW-SW4=Chicago Rated <sup>10</sup>	22SR=2' x 2' SkyRidge Series 24SR=2' x 4' SkyRidge Series	[Blank]=Standard A=Air Vented <sup>9</sup>	LD1=LED 1.0	2' x 2' <sup>2</sup> Stock 20=2000 Lumens 29=2900 Lumens MTO <sup>3</sup> 25=2500 Lumens	2' x 4' Stock 39=3900 Lumens 48=4800 Lumens MTO <sup>3</sup> 29=2900 Lumens <sup>2</sup> 34=3400 Lumens 45=4500 Lumens	C=Curved (Standard) S=Straight	[Blank]=Standard	347V=347 Volt UNV=Universal Voltage 120-277
Options	CCT	Options	Driver Type <sup>7</sup>	Number of Drivers	Packaging	Accessories (Order Separately)		
Emergency EL=Emergency Installed, 700 Lumens <sup>1,5</sup> EL14=Emergency Installed, 1400 Lumens <sup>1,5</sup> EL10W=Emergency Installed, 10 Watts <sup>5,12</sup>	CCT L830=3000K L835=3500K L840=4000K	Flex <sup>6</sup> Flex=Multiple Configurations Available	CD=0-10V Dimming Driver (Standard) SD=Step-Dim Driver <sup>13</sup> 5LTD=Fifth Light (DALI) Driver <sup>8</sup>	1=1 Driver	U=Unit Pack PALC=Job Pack, in Carton	T3A END E.Q. BRACKET PARTS BAG= (Standard with Fixture) DF-22-W=2' x 2' Drywall Frame Kit DF-24-W=2' x 4' Drywall Frame Kit		

**NOTES:** 1. Must specify voltage (120V or 277V) when selecting EL option. 2. Not available with a Fifth Light (DALI) driver. 3. Made-to-order (MTO) requires four week lead time. 4. Products also available in non-US voltage and frequencies for international markets. 5. Test switch and indicator are remote mounted. 6. Flex does not include dimming leads. Control leads provided by others. 7. Call factory for step-dimming options. 8. 2' x 2' not available with Fifth Light (DALI) driver. For a complete listing of Fifth Light Technology products and other solutions from Cooper Controls, visit [www.coopercontrol.com](http://www.coopercontrol.com). 9. Air version is vented but does not meet air handling requirements. 10. Chicago rated version does not allow for row mounting. 11. DesignLights™ Consortium Qualified (all lumen packages). Refer to [www.designlights.org](http://www.designlights.org) Qualified Products List under Family Models for details. 12. For delivered lumens, take lumens per watt of desired fixture and multiply by 10 watts (100 lp/W x 10 = 1000 lumens delivered). 13. 2' x 2' not offered with Step-dim driver.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.

2' x 4' Lumen Maintenance		
Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 85	> 154,000

2' x 2' Lumen Maintenance		
Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 84	> 144,000

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

### Eaton's Cooper Lighting Business

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www.cooperlighting.com

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Mississauga, Ontario L5R 1B8  
P: 905-501-3000  
F: 905-501-3172

### Our Lighting Product Brands

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

### Our Controls Product Brands

Greengate  
iLumin  
Zero 88  
Fifth Light Technology  
iLight (International Only)

