



LED®

# Envision™ Series

americanlite®

We light your world™



## Envision™ Series

Envision™ series is a premium grade specification lensed troffer. This innovative, high quality luminaire is dedicated to the latest solid state lighting and driver technology for optimal performance and energy efficiency.

### Construction

Rigid housing is die formed of code gauge prime cold rolled steel and features full length die-formed stiffeners and unibody end plate for added strength.

### Electrical

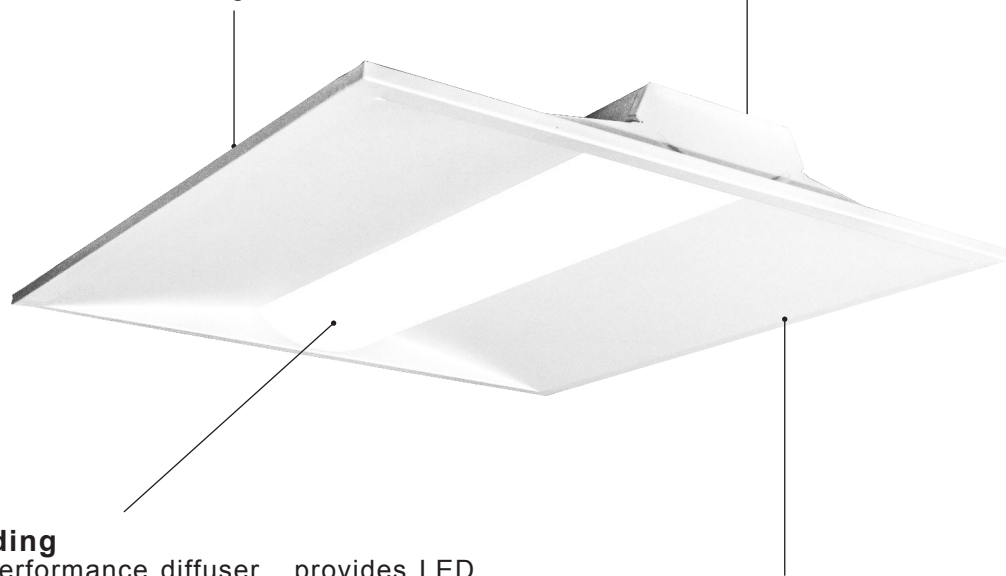
Long-Life LED system coupled with UL 0-10V state of the art driver to deliver optimal performance, up to 130 lxw.

### Shielding

High-performance diffuser provides LED concealment, even illumination across the diffuser and improved lumen-per-watt performance.

### Finish

Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibition. Housing finished with 90% reflective white enamel for superior performance





## Envision G3™ Series

CCT & Power Selectable

<b>IP20</b>	<b>LM80</b>	<b>TM21</b>
<b>Lumens</b> Up to 135LXW		<b>VOLTS</b> 120-277
<b>CCT</b> Selectable 3K/4K/5K 4K/5K/65K	<b>Power</b> Selectable	<b>CRI</b> >80
	<b>SDCM</b> <5 / <7	<b>UGR</b> <23
<b>1kV</b> Surge Protection	<b>PF</b> Up to .95	<b>THD</b> <20%

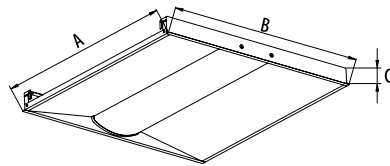
Americanlite® stylish Envision G3™ Series delivers glare-free, ambient lighting in a popular center-basket design. It is a high-quality and cost-effective LED solution ideal for schools, offices, retail, healthcare facilities and other commercial spaces, including retail merchandising areas.

The slim profile of the luminaire, coupled with energy-saving LED technology make the Envision G3™ Series an ideal choice for renovation or new construction. The reflector is finished with a highly reflective paint for improved aesthetics and increased light diffusion. High performance extruded PC diffuser conceal LEDs and efficiently deliver light in a volumetric distribution. Long-life LEDs, coupled with high-efficiency drivers, 0-10V dimming & 1KV built in surge protection provides superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 50,000 hours (L90/50,000). With Less than 2 inches of depth the Envision G3™ Series makes for an easy installation, especially in restrictive plenum applications.

As the most economical center-basket troffer Americanlite® offers, Envision G3™ Series is the perfect choice to complete your space when budget is tight, but without restrictions, we have added all the premium options as well, Power + CCT Selectable, MW Sensor, ER drivers, mounting kits, just to make Envision G3™ Series the best choice for your project.

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions, and vertical and horizontal work surfaces – rendering the interior space, objects, and occupants in a more balanced, complimentary luminous environment.

### Dimensions (mm)



Size	A	B	C
2 x 2	603	603	50
1 x 4	1213	298	50
2 x 4	1213	603	50

### Ordering information

Item	Selectable Power	Size (mm)	Selectable CCT	Lumens @ 4000K	Item	Selectable Power	Size (mm)	Selectable CCT	Lumens @ 5000K
AL586075	40w/35w/30w	603x603x50	35K/4K/5K	5400/4725/4050	AL586545	40w/35w/30w	603x603x50	4K/5K/65K	5400/4725/4050
AL586076	35w/30w/25w	603x603x50	35K/4K/5K	4725/4050/3375	AL586546	35w/30w/25w	603x603x50	4K/5K/65K	4725/4050/3375
AL586077*	30w/25w/20w	603x603x50	35K/4K/5K	4050/3375/2700	AL586547	30w/25w/20w	603x603x50	4K/5K/65K	4050/3375/2700
AL586078	40w/35w/30w	1213x298x50	35K/4K/5K	5400/4725/4050	AL586548	40w/35w/30w	1213x298x50	4K/5K/65K	5400/4725/4050
AL586079	35w/30w/25w	1213x298x50	35K/4K/5K	4725/4050/3375	AL586549	35w/30w/25w	1213x298x50	4K/5K/65K	4725/4050/3375
AL586080	30w/25w/20w	1213x298x50	35K/4K/5K	4750/3375/2700	AL586550	30w/25w/20w	1213x298x50	4K/5K/65K	4750/3375/2700
AL586081*	50w/40w/30w	1213x603x50	35K/4K/5K	6750/5400/4050	AL586551	50w/40w/30w	1213x603x50	4K/5K/65K	6750/5400/4050
AL586082	40w/35w/30w	1213x603x50	35K/4K/5K	5400/4725/4050	AL586552	40w/35w/30w	1213x603x50	4K/5K/65K	5400/4725/4050
AL586083	40w/30w/20w	1213x603x50	35K/4K/5K	5400/4050/2700	AL586553	40w/30w/20w	1213x603x50	4K/5K/65K	5400/4050/2700
AL586084	35w/30w/25w	1213x603x50	35K/4K/5K	4725/4050/3375	AL586554	35w/30w/25w	1213x603x50	4K/5K/65K	4725/4050/3375

### Options

- ER** Emergency Driver
- MS** Microwave Sensor

### Accessories

Suspension Kit	Surface Frame	Dry Wall Frame
AL586085 2x2	AL586088 2x2	AL586091 2x2
AL586086 1x4	AL586089 1x4	AL586092 1x4
AL586087 2x4	AL586090 2x4	AL586093 2x4

### Notes

- Watts/Lumen Tolerance = up to 10%
- Lumens @ 35K/4K/5K  
3500K = 130lxw  
4000K = 135lxw  
5000K = 130lxw
- Lumens @ 4K/5K/65K  
4000K = 130lxw  
5000K = 135lxw  
6500K = 130lxw
- \* Items with DLC. Others comply with DLC
- Power Factor:  
120V = .95  
277V = .90
- Lifetime @ Tc 75°C  
• L90 = > 50,000
- SDCM:  
35K/4K/5K:  
4K = ≤7  
35K/5K = ≤5  
4K/5K/65K:  
5K = ≤7  
4K/65K = ≤5
- Drivers:  
• 10-50W, CCT+INT, Constant Current, UL RC Complies with UL8750, Class A  
• MTBF=200K hours 25°C ambient temperature  
• Flicker = Title 24 and IEEE 1789, Title 24=<30%  
• Safety Compliance = UL8750, CAN/CSA-C22.2 No. 250.13  
• ANSI C62.41.1 Category A, Ringwave 2.5KV

### Packing information

Model	Pieces	Box Dimensions (cm)	CBM	Gross Weight (KG)
2 x 2	2	62 x 63 x 12	0.0476	6.4
1 x 4	2	123 x 32.5 x 12	0.0479	6.8
2 x 4	2	123 x 63 x 12	0.0929	10.6



## Envision G2™ Series

Single Power  
CCT & Power Selectable  
30w / 40w / 50w

**IP20**

**LM80**

**TM21**

**Lumens**  
130LXW

**DIM**  
0-10V

**Power**  
Selectable

**CCT**  
5000K

**3 CCT**  
Selectable  
35K-4K-5K

**CRI**  
>80

**VOLTS**  
120-277

**110°**  
Beam Angle

**SDCM**  
<6

**UGR**  
<28

**1kV**  
Surge  
Protection

**PF**  
>.90

**THD**  
<20%

**-20°~+40°C**

**100,000**

**5**  
YEAR  
Warranty

Americanlite® stylish Envision G2™ Series delivers glare-free, ambient lighting in a popular center-basket design. It is a high-quality and cost-effective LED solution ideal for schools, offices, retail, healthcare facilities and other commercial spaces, including retail merchandising areas.

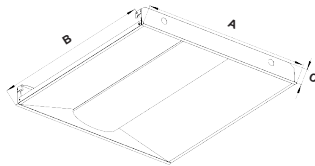
The slim profile of the luminaire, coupled with energy-saving LED technology make the Envision G2™ Series an ideal choice for renovation or new construction. The reflector is finished with a highly reflective paint for improved aesthetics and increased light diffusion. High performance extruded PC diffuser conceal LEDs and efficiently deliver light in a volumetric distribution. Long-life LEDs, coupled with high-efficiency drivers, 0-10V dimming & 1KV built in surge protection provides superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 50,000 hours (L90/50,000). With Less than 2 inches of depth the Envision G2™ Series makes for an easy installation, especially in restrictive plenum applications.

As the most economical center-basket troffer Americanlite® offers, Envision G2™ Series is the perfect choice to complete your space when budget is tight, but without restrictions, we have added all the premium options as well, Power + CCT Selectable, MW Sensor, ER drivers, mounting kits, just to make Envision G2™ Series the best choice for your project.

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions, and vertical and horizontal work surfaces – rendering the interior space, objects, and occupants in a more balanced, complimentary luminous environment.

If you're looking for a next-generation center-basket troffer with superior performance and visual comfort, look no further than Envision G2™ Series.

### Dimensions (mm)



	A	B	C
2 x 2	603	603	53
2 x 4	1213	603	53

### Ordering information

#### Single Power

Model	Size	Power	CCT	Lumens	CCT Options	Options	Accessories
AL586531	2x2	30w	5000K	3900	Blank 5000K	<b>MS</b> Built-in Microwave Sensor 12V <b>AX</b> Led Driver with 12V Aux for option	<b>AL585008</b> = 8w ER Driver <b>Suspension Kit</b> AL586539 2x2 AL586540 2x4 <b>Surface Frame</b> AL586541 2x2 AL586542 2x4 <b>Dry Wall Frame</b> AL586543 2x2 AL586544 2x4
AL586532	2x2	40w	5000K	5200	<b>6</b> 6500K <sup>(1)</sup>		
AL586533	2x4	40w	5000K	5200	<b>4</b> 4000K		
AL586534	2x4	50w	5000K	6500	<b>3</b> 3500K		

#### CCT & Power Selectable

Model	Size	Power	CCT	Lumens
AL586535	2x2	25w/30w/35w	35K/4K/5K	3250/3900/4550
AL586536	2x2	30w/35w/40w	35K/4K/5K	3900/4550/5200
AL586537	2x4	30w/35w/40w	35K/4K/5K	3900/4550/5200
AL586538	2x4	30w/40w/50w	35K/4K/5K	3900/5200/6500

### Notes

- ER Driver not installed, ships separately
- Same LxW for all CCT's
- SDCM for Power selectable not available
- Lumen maintenance time (t) (%): 90.45%
- Lifetime @ Tc 75°C
- Reported L90 (hours) > 50,000

### Packing information

Model	Pieces	Box Dimensions (cm)	CBM	Gross Weight (KG)
2 x 2	2	64.8 x 14 x 65.3	0.0592	6.4
2 x 4	2	125.7 x 14 x 65.3	0.1149	11.5
2 x 2 Surface Frame	10	64.5 x 27.5 x 27.5	0.0487	19.60
2 x 4 Surface Frame	10	124 x 27.5 x 28.5	0.0971	31.45
2 x 2 Dry Wall Frame	10	68.5 x 27.5 x 13.5	0.0254	8.80
2 x 4 Dry Wall Frame	10	129.5 x 27.5 x 13.5	0.0480	13.30

# Envision™ Series

Single Power  
CCT Selectable  
CCT/Power Selectable



<b>CCT</b> 35-6K	<b>3 CCT</b> Selectable 35K-4K-5K	<b>Power</b> Selectable 30w-50w
<b>LM80</b>	<b>Lumens</b> 125 lxw	<b>PF</b> >.90
<b>VOLTS</b> 100-277	<b>DIM</b> 0-10V	<b>THD</b> <20%
<b>CRI</b> 80	 120° Beam Angle	<b>SDCM</b> 0.6
 50,000	<b>5</b> YEAR Warranty	

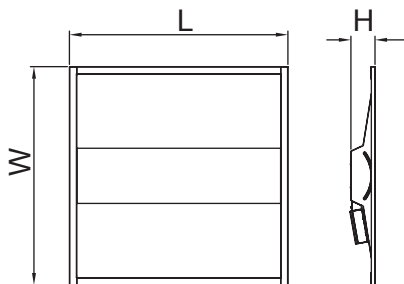
UL Envision™ Series blends modern styling with an innovative optical design to deliver leading-edge performance and energy savings. Envision™ combines advanced LED technology with a fully luminous center panel to generate optimal light uniformity and enhanced visual comfort. UL Envision™ Series gives you more, we have incorporated options to achieve any job with our versatile offer, from single power and CCT to both all-in in selectable mode.

Formed highly reflective matte white pre-painted reflectors and ends are housed in rugged steel housing. Premium aluminum mounted LED boards are securely fastened to steel LED tray for superior heat dissipation and extended life. State of the art UL 0-10v dimming driver installed in separate compartment with room-side accessibility. All exposed installed surfaces are matte white, pre-coated with a minimum reflectivity of 90%. Fixture's geometry prevents harsh cutoff and is designed for an even gradient of light on reflective surfaces. Reliable performance up to 125 LxW.

Extruded acrylic enclosed lens has positive locking channel along the length of fixture. High-performance diffuser provides LED concealment, even illumination across the diffuser and improved lumen-per-watt performance. Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 50,000 hours (L90/50,000).

Envision™'s perfect balance of form and function make it an ideal choice for commercial office spaces, schools, hospitals and retail merchandising areas.

## Dimensions (mm)



	W	L	H (mm)
2 x 2	603	603	66.3
2 x 4	603	1212	66.3
1 x 4	301	1212	101.6

## Ordering information

Single Power	Model	Size	Power	CCT	Lumens
	AL586500	2x2	30w	3500K	3750
	AL586501	2x2	30w	4000K	3750
	AL586502	2x2	30w	5000K	3750
	AL586503	2x2	30w	6000K	3750
	AL586504	2x2	40w	3500K	5000
	AL586050	2x2	40w	4000K	5000
	AL586051	2x2	40w	5000K	5000
	AL586052	2x2	40w	6000K	5000
	AL586505	1x4	40w	3500K	5000
	AL586056	1x4	40w	4000K	5000
	AL586057	1x4	40w	5000K	5000
	AL586058	1x4	40w	6000K	5000
	AL586506	1x4	50w	3500K	6250
	AL586507	1x4	50w	4000K	6250
	AL586508	1x4	50w	5000K	6250
	AL586509	1x4	50w	6000K	6250
	AL586510	2x4	30w	3500K	3750
	AL586511	2x4	30w	4000K	3750
	AL586512	2x4	30w	5000K	3750
	AL586513	2x4	30w	6000K	3750
	AL586514	2x4	40w	3500K	5000
	AL586053	2x4	40w	4000K	5000
	AL586054	2x4	40w	5000K	5000
	AL586055	2x4	40w	6000K	5000
	AL586515	2x4	50w	3500K	6250
	AL586516	2x4	50w	4000K	6250
	AL586517	2x4	50w	5000K	6250
	AL586518	2x4	50w	6000K	6250

CCT Selectable	Model	Size	Power	CCT	Lumens
	AL586519	2x2	40w	35K/4K/5K	5000
	AL586520	2x2	40w	4K/5K/6K	5000
	AL586521	2x4	50w	35K/4K/5K	6250
	AL586522	2x4	50w	4K/5K/6K	6250

CCT & Power Selectable	Model	Size	Power	CCT	Lumens
	AL586523	2x2	30w/35w/40w	35K/4K/5K	3750/4375/5000
	AL586524	2x2	30w/35w/40w	4K/5K/6K	3750/4375/5000
	AL586525	1x4	30w/35w/40w	35K/4K/5K	3750/4375/5000
	AL586526	1x4	30w/35w/40w	4K/5K/6K	3750/4375/5000
	AL586527	2x4	30w/35w/40w	35K/4K/5K	3750/4375/5000
	AL586528	2x4	30w/35w/40w	4K/5K/6K	3750/4375/5000
	AL586529	2x4	30w/40w/50w	35K/4K/5K	3750/5000/6250
	AL586530	2x4	30w/40w/50w	4K/5K/6K	3750/5000/6250

Options/Emergency Battery	Surface Mount Kit	Dry Wall Flange Kit	Suspension Kit
E1 4w AL585005	AL5860-SF-22 (2x2)	AL5860-DW-22 (2x2)	AL5860-SUS-22 (2x2)
E2 8w AL585008	AL5860-SF-14 (1x4)	AL5860-DW-14 (1x4)	AL5860-SUS-14 (1x4)
	AL5860-SF-24 (2x4)	AL5860-DW-24 (2x4)	AL5860-SUS-24 (2x4)

### NOTES:

- No DLC for 6000K
- Stainless Steel Cable Length 1.2M

## Packing information

Model	Pieces	Box Dimensions (cm)	CBM	Gross Weight (KG)
2 x 2	2	64.8 x 16.5 x 65.8	0.0703	6.4
2 x 4	2	125.7 x 16.5 x 65.8	0.1364	11.93
1 x 4	2	125.7 x 21.8 x 35.5	0.0972	7.66



## Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED fixtures in this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, TUV, FCC or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed lamp to determine the cause of failure, excessive lumen depreciation and patterns of usage.