



LED®

Envision™ Series

americanlite®

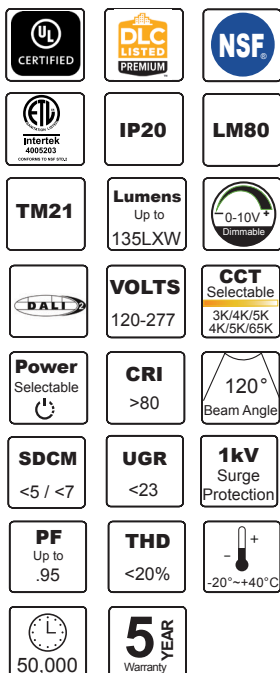
We light your world™





Envision G3™ Series

CCT & Power Selectable
DALI2 Option



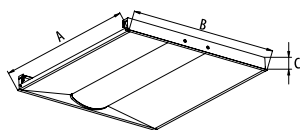
Americanlite® stylish Envision G3™ Series delivers glare-free, ambient lighting in a popular center-basket design. It is a high-quality and cost-effective LED solution ideal for schools, offices, retail, healthcare facilities and other commercial spaces, including retail merchandising areas.

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

DALI2 Options

Item	Power	Size (mm)	CCT	Lumens
AL586075D2	35w	603x603x50	4000K	4320
AL586081D2	50w	1213x603x50	4000K	7000

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
- Lumens @ 4K/5K/65K
- 3500K = 130lxw
- 4000K = 135lxw
- 5000K = 130lxw
- AL586077 / AL586081 = DLC Certified
- All other models comply with DLC Requirements (not certified)
- NSF/ANSI 2 report issued by Intertek (ETL)

- Power Factor: 120V = .95
- 277V = .90
- Lifetime @ Tc 75°C
- L90 = > 50,000
- DALI2: No DLC
- Lifud Driver

- 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
- 8w ER Driver = BLD-CM08D-056B

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



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.