americanlite®

Product Overview



Envision G3™ Series

CCT & Power Selectable

CERTIFIED | DLC PREMIUM

IP20	LM80	TM21
Lumens Up to 135LXW	0-10V Dimmable	VOLTS 120-277
CCT Selectable 3K/4K/5K	Power Selectable	CRI >80
120° Beam Angle	SDCM <5 / <7	UGR <23
1kV Surge Protection	PF Up to .95	THD <20%
-20°~+40°C	50,000	5 YEAR Warranty

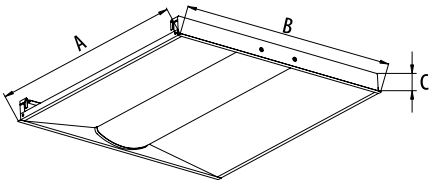
Americanlite® stylish Envision G3™ Series delivers glare-free, ambient lighting in a popular center-basket design. It is a high-quality and cost-effective LED solution ideal for schools, offices, retail, healthcare facilities and other commercial spaces, including retail merchandising areas.

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
AL586075	40w/35w/30w	603x603x50	35K/4K/5K	5400/4725/4050
AL586076	35w/30w/25w	603x603x50	35K/4K/5K	4725/4050/3375
AL586077	30w/25w/20w	603x603x50	35K/4K/5K	4050/3375/2700
AL586078	40w/35w/30w	1213x298x50	35K/4K/5K	5400/4725/4050
AL586079	35w/30w/25w	1213x298x50	35K/4K/5K	4725/4050/3375
AL586080	30w/25w/20w	1213x298x50	35K/4K/5K	4750/3375/2700
AL586081	50w/40w/30w	1213x603x50	35K/4K/5K	6750/5400/4050
AL586082	40w/35w/30w	1213x603x50	35K/4K/5K	5400/4725/4050
AL586083	40w/30w/20w	1213x603x50	35K/4K/5K	5400/4050/2700
AL586084	35w/30w/25w	1213x603x50	35K/4K/5K	4725/4050/3375

Options

ER Emergency Driver
MS Microwave Sensor

Accessories

Suspension Kit
AL586085 2x2
AL586086 1x4
AL586087 2x4

Surface Frame
AL586088 2x2
AL586089 1x4
AL586090 2x4

Dry Wall Frame
AL586091 2x2
AL586092 1x4
AL586093 2x4

Notes

- Watts/Lumen Tolerance = <10%
- Lumens:
  3500K = 125lxw
  4000K = 135lxw
  5000K = 128lxw
- SDCM:
  3500K / 5000K = <5
  4000K = <7
- Power Factor:
  120V = .95
  277V = .90
- Lifetime @ Tc 75°C
- L90 = > 50,000

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
- 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