



Backlite™ Panel

americanlite®

We light your world™

CE

Backlite™ Series

40w / 50w / 60w / 72w
CCT Selectable



IP20	PF >.90	CRI >80
THD <20%	VOLTS 100-277	120° Beam Angle
CCT Selectable	SDCM 6	1kV Surge Protection
25,000 Hours	-10°~+40°C Temp Range	2 YEAR Warranty

Americanlite® Backlite™ LED Panels provides quality performance and pleasing aesthetics. Developed with the latest generation of solid-state components and electronic driver technologies, these panels are ideal for both new construction and renovation of existing fluorescent fixtures.

Americanlite® Backlite™ LED Panels with Selectable Lite™ provides the ability to change the CCT and the power with the flip of a switch and cater to the needs of a space. Too warm or too cool? too bright? Simply toggle the integrated switch to your desired setting and you are done!

Narrow aluminum frame is tightly held to code iron back plate (0.25mm) to protect the LEDs and optical area. Corners are seamless with a narrow angle to provide a refined finish and maximize the light emitting surface.

White frosted lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. The Lens is constructed of PS (0.8mm) with specialized features to optimize light extraction providing excellent efficiency. Long-Life LED system (LED PCB) coupled with electronic driver to deliver optimal performance. LED's available in three CCT combinations: 3K/4K/5K, 3K/4K/65K and 4K/5K/65K with a minimum of CRI 80 and 25,000 hours.

Americanlite® Backlite™ LED Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended mounted using the optional kits.

Ordering information

Item	Power	Size (mm)	Selectable		Options	Accessories
			CCT	Lumens		
AL674718	40w	603x603x34	3K/4K/5K	3800/4000/4000	E1 ER 4w AL585005 E2 ER 8w AL585008	Hanging kit (iron wire 1m) AL674750 2 x 2 & 1 x 4 AL674751 2 x 4 Frame for Surface mount AL674752 2 x 2 AL674753 1 x 4 AL674754 2 x 4
AL674719	40w	603x603x34	3K/4K/65K	3800/4000/4000		
AL674735	40w	603x603x34	4K/5K/65K	4000/4000/4000		
AL674720	40w	303x1213x34	3K/4K/5K	3600/3800/3800		
AL674721	40w	303x1213x34	3K/4K/65K	3600/3800/3800		
AL674736	40w	303x1213x34	4K/5K/65K	3800/3800/3800		
AL674729	50w	603x1213x34	3K/4K/5K	4700/5000/5000		
AL674730	50w	603x1213x34	3K/4K/65K	4700/5000/5000		
AL674737	50w	603x1213x34	4K/5K/65K	5000/5000/5000		
AL674722	60w	603x1213x34	3K/4K/5K	5700/6000/6000		
AL674723	60w	603x1213x34	3K/4K/65K	5700/6000/6000		
AL674738	60w	603x1213x34	4K/5K/65K	6000/6000/6000		
AL674727	72w	603x1213x34	3K/4K/5K	6800/7200/7200		
AL674728	72w	603x1213x34	3K/4K/65K	6800/7200/7200		
AL674739	72w	603x1213x34	4K/5K/65K	7200/7200/7200		

Notes

- Lumen tolerance: +- 5%
- Output Voltage:
40w/50w = 36VDC
60w = 54VDC
72w = 2 x 36VDC
- Always connect driver to panel before turning power on to avoid driver damage and loss of warranty
- Recommended use: 10-12 hours / day
To avoid product damage or voided warranty

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	5	63.5 x 21.5 x 65	0.0887	9.2
1x4	5	125 x 21.5 x 33.5	0.0900	10.5
2x4	4	125.8 x 18.5 x 63.5	0.1477	16.25
2x2 Frame	40	62.5 x 62.5 x 40.5	0.1582	9.5
1x4 Frame	20	123.5 x 32.5 x 21.5	0.0862	8.4
2x4 Frame	20	123.5 x 62.5 x 21.5	0.1659	12.2

Backlite™ Series

40w / 50w / 60w / 72w



Americanlite® Backlite™ LED Panels provides quality performance and pleasing aesthetics. Developed with the latest generation of solid-state components and electronic driver technologies, these panels are ideal for both new construction and renovation of existing fluorescent fixtures.

Narrow aluminum frame is tightly held to code iron back plate (0.25mm) to protect the LEDs and optical area. Corners are seamless with a narrow angle to provide a refined finish and maximize the light emitting surface.

White frosted lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. The Lens is constructed of PS (0.8mm) with specialized features to optimize light extraction providing excellent efficiency. Long-Life LED system (LED PCB) coupled with electronic driver to deliver optimal performance. LED's available in 4000K, 5000K and 6500K with a minimum of CRI 80 and 25,000 hours.

Americanlite® Backlite™ LED Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended mounted using the optional kits.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Item	Power	Size (mm)	CCT	Lumens
AL674700	40w	603x603x34	4000K	3200	AL674715	50w	603x1213x34	4000K	5000
AL674701	40w	603x603x34	5000K	3200	AL674716	50w	603x1213x34	5000K	5000
AL674702	40w	603x603x34	6500K	3200	AL674717	50w	603x1213x34	6500K	5000
AL674703	40w	603x603x34	4000K	3600	AL674712	60w	603x1213x34	4000K	6000
AL674704	40w	603x603x34	5000K	3600	AL674713	60w	603x1213x34	5000K	6000
AL674705	40w	603x603x34	6500K	3600	AL674714	60w	603x1213x34	6500K	6000
AL674706	40w	603x603x34	4000K	4000	AL674724	72w	603x1213x34	4000K	7200
AL674707	40w	603x603x34	5000K	4000	AL674725	72w	603x1213x34	5000K	7200
AL674708	40w	603x603x34	6500K	4000	AL674726	72w	603x1213x34	6500K	7200
AL674709	40w	303x1213x34	4000K	3800					
AL674710	40w	303x1213x34	5000K	3800					
AL674711	40w	303x1213x34	6500K	3800					

Options

D	0-10V
E1	ER 4w AL585005
E2	ER 8w AL585008

Packing

Blank	2 PC inner
S	1 PC inner

Accessories

Hanging kit (iron wire 1m)		Frame for Surface mount	
AL674750	2 x 2 & 1 x 4	AL674752	2 x 2
AL674751	2 x 4	AL674753	1 x 4
		AL674754	2 x 4

Notes

- Lumen tolerance: +- 7%
- Output Voltage:
2x2 and 1x4= 135VDC
2x4 = 36VDC
- Always connect driver to panel before turning power on to avoid driver damage and loss of warranty
- Recommended use:
10-12 hours / day
To avoid product damage or voided warranty

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	6	63.5 x 22 x 65	0.0908	10.5
2x2	5	63.5 x 21.5 x 65	0.0887	9.2
1x4	6	125 x 22 x 33.5	0.0921	11.6
1x4	5	125 x 21.5 x 33.5	0.0900	10.5
2x4	4	125.8 x 18.5 x 63.5	0.1477	16.25
2x2 Frame	40	62.5 x 62.5 x 40.5	0.1582	9.5
1x4 Frame	20	123.5 x 32.5 x 21.5	0.0862	8.4
2x4 Frame	20	123.5 x 62.5 x 21.5	0.1659	12.2

Backlite DOB™ Series

36w / 40w / 50w



Americanlite® Backlite DOB™ LED Panels provides quality performance and pleasing aesthetics. Developed with the latest generation of solid-state components and electronic driver technologies, these panels are ideal for both new construction and renovation of existing fluorescent fixtures.

Narrow frame is tightly held to code iron back plate to protect the LEDs and optical area. Corners are seamless with a narrow angle to provide a refined finish and maximize the light emitting surface.

White frosted lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. The Lens is constructed of PS with specialized features to optimize light extraction providing excellent efficiency. Long-Life LED system coupled DOB Non-isolated driver, flicker free to deliver optimal performance. LED's available in 4000K, 5000K and 6500K with a minimum of CRI 80 and 25,000 hours.

Americanlite® Backlite DOB™ LED Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended mounted using the optional kits.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Options	Accessories / mounting kits
AL674770	36w	600x600x30	4000K	3600	Blank	No inner Hanging Kit
AL674771	36w	600x600x30	5000K	3600	1	1 pc inner AL674782 = 2x2
AL674772	36w	600x600x30	6500K	3600	2	2 pc inner AL674783 = 2x4
AL674773	40w	600x600x30	4000K	4000	E	ER Driver Surface mount
AL674774	40w	600x600x30	5000K	4000		AL674784 = 2x2
AL674775	40w	600x600x30	6500K	4000		AL674785 = 2x4
AL674776	50w	600x600x30	4000K	5000		Drywall / Gypsum clips
AL674777	50w	600x600x30	5000K	5000		AL674786 = 2x2
AL674778	50w	600x600x30	6500K	5000		AL674787 = 2x4
AL674779	50w	600x1200x30	4000K	5000		
AL674780	50w	600x1200x30	5000K	5000		
AL674781	50w	600x1200x30	6500K	5000		

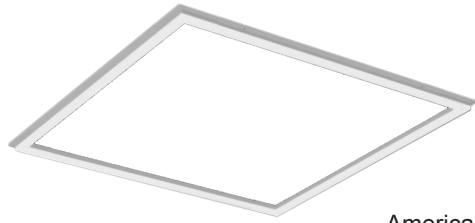
Notes

- Lumen tolerance: +- 7%
- Power tolerance: +- 7%
- Non-isolated flicker free driver
- PP thickness is 0.8mm
- ER Driver = 3w
- Packing:
 - 2x2
 - *No inner = 10 pcs x master
 - 1 or 2 x inner = 6 pcs x master
 - 2x4
 - *No inner = 4 pcs x master
 - 1 x inner = 4 pcs x master
 - *No inner = individually plastic wrapped
- Recommended use:
 - 10-12 hours / day to avoid product damage or voided warranty

Packing information

Model	Inner Box	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	No	10	61.5 x 37.5 x 61.5	0.0149	12.6
2x2	1	6	63 x 26.5 x 63	0.1051	9.5
2x2	2	6	62.5 x 24 x 62.5	0.0937	8.6
2x4	No	4	123 x 16 x 63	0.1239	9.6
2x4	1	4	123.5 x 17 x 63.5	0.1333	10.5

Framelite™ Series



36w

Single & CCT Selectable

IP20	PF .90	CRI >80
THD <20%	VOLTS 100-277	120° BeamAngle
Lumens 100 lxw	CCT 3K-65K	CCT Selectable
SDCM 6	1kV Surge Protection	25,000 Hours
-10°~+40°C	2 YEAR Warranty	

Americanlite® Framelite™ Edgelit Grid fixtures are ideal for illuminating office spaces, and are an easy replacement for fluorescent fixtures, while also updating the look of your area. The LED provides a uniformly crisp, bright light while cutting energy costs.

Americanlite® Framelite™ innovative Edgelit Grid fixtures install directly to your drop ceiling frame bars, instead of the traditional method of installing an entire fixture between ceiling panels. Perimeter illumination offers a unique edgelit look and allows for a variety of lighting placements while still providing lumen outputs you've come to expect from traditional style LED flat panel and troffer fixtures. A great option to provide an interesting and modern look to any office or retail environments as well as hospitality or educational applications. Suitable for both retrofit and new construction.

Americanlite® Framelite™ with Selectable Lite™ provides the ability to change the CCT and the power with the flip of a switch and cater to the needs of a space. Too warm or too cool? too bright? Simply toggle the integrated switch to your desired setting and you are done!

Sturdy aluminum frame is tightly held to code to protect the LEDs and optical area. Corners are seamless with a narrow angle to provide a refined finish and maximize the light emitting surface. White frosted lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. The Lens is constructed of PS with specialized features to optimize light extraction providing excellent efficiency. Long-Life CRI 80 LED system coupled with electronic driver to deliver optimal performance. Available single in CCT or Selectable combinations: 3K/4K/5K, 3K/4K/65K and 4K/5K/65K.

Americanlite® Framelite™ is perfect for commercial, residential or public facilities such as: offices, lobbies, hallways, classrooms, conference rooms, hotels, school facilities, libraries, showrooms, workshops, healthcare facilities and so on!

Ordering information

Single CCT

Item	Power	Size (mm)	CCT	Lumens
AL674760	36w	603x603	3000K	3250
AL674761	36w	603x603	4000K	3600
AL674762	36w	603x603	5000K	3600
AL674763	36w	603x603	6500K	3600

CCT Selectable

Item	Power	Size (mm)	CCT	Lumens
AL674764	36w	603x603	3K/4K/5K	3250/3600/3600
AL674765	36w	603x603	3K/4K/65K	3250/3600/3600
AL674766	36w	603x603	4K/5K/65K	3600/3600/3600

Notes

- Lumen tolerance: +- 5%
- Isolated driver
- Measurements:
Frame size: 603 x 603 mm
LED light frame: 586 x 586 mm
(interior size 557 x 557 mm)
- Always connect driver before turning power on to avoid driver damage and loss of warranty
- Recommended use: 10-12 hours / day
To avoid product damage or voided warranty

Packing information

Model	Pieces per inner box	Pieces per master	Master Carton (cm)	CBM (Master)	Gross Weight (KG)
2x2	2	5 boxes / 10 pcs	63.5 x 22.5 x 63.5	0.0907	8.8



Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED panels 1n this catalogue. Americanlite® warrants that the LED panels comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL 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 fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.