



Backlite™ Panel

americanlite®

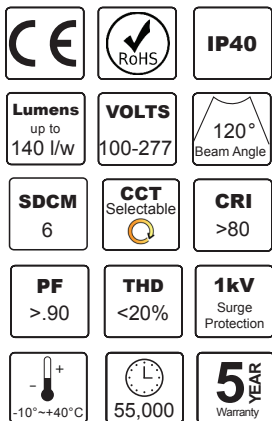
We light your world™

CE



Backlite Pro™ Series

34w / 36w / 50w
CCT Selectable



Americanlite® Backlite Pro™ LED Panels combine high-performance engineering with sleek aesthetics to deliver an exceptional lighting solution. Engineered with the latest solid-state components and advanced electronic drivers, these panels are perfect for both new construction and retrofitting existing fluorescent fixtures, delivering an impressive 140 lumens per watt.

With Selectable Lite™ technology, users can easily adjust the color temperature and brightness to suit any environment. Too warm? Too cool? Too bright? Just flip the integrated switch to your preferred setting, no tools or rewiring required.

The panel features a precision-fitted narrow aluminum frame and a durable 0.25mm code iron backplate that protects the LEDs and optical system. Seamless corner angles enhance the clean, modern finish while maximizing the illuminated surface.

A white frosted PS lens (0.8mm) with a smooth pattern ensures uniform light distribution and resists scratches and impacts. The lens is designed to enhance light extraction and boost overall efficiency.

Built around a long-life LED system and high-performance driver, Backlite Pro™ panels are available in versatile CCT combinations: 3000K/4000K/5000K, 3000K/4000K/6500K, and 4000K/5000K/6500K, with CRI 80+ and a rated life of 55,000 hours. Optimized for shallow plenum grid ceilings, these panels also support surface or suspended mounting using optional kits, offering flexibility for various installation needs.

With exceptional performance, and a solid 5-year warranty, Backlite Pro™ is the smartest, most dependable choice in the market for high-efficiency panel lighting.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Item	Power	Size (mm)	CCT	Lumens	Options
AL774745	34w	603x603x34	3K/4K/5K	4298/4500/4500	AL774733	36w	300x1200x34	3K/4K/5K	4550/5040/5040	E1 ER 4w AL585005
AL774746	34w	603x603x34	3K/4K/65K	4298/4500/4500	AL774734	36w	300x1200x34	3K/4K/65K	4550/5040/5040	E2 ER 8w AL585008
AL774747	34w	603x603x34	4K/5K/65K	4500/4500/4500	AL774735	36w	300x1200x34	4K/5K/65K	5040/5040/5040	MS Microwave Sensor
AL774742	34w	600x600x34	3K/4K/5K	4298/4500/4500	AL774736	50w	603x1213x34	3K/4K/5K	6300/7000/7000	
AL774743	34w	600x600x34	3K/4K/65K	4298/4500/4500	AL774737	50w	603x1213x34	3K/4K/65K	6300/7000/7000	
AL774744	34w	600x600x34	4K/5K/65K	4500/4500/4500	AL774738	50w	603x1213x34	4K/5K/65K	7000/7000/7000	
AL774724	36w	603x603x34	3K/4K/5K	4550/5040/5040	AL774739	50w	600x1200x34	3K/4K/5K	6300/7000/7000	
AL774725	36w	603x603x34	3K/4K/65K	4550/5040/5040	AL774740	50w	600x1200x34	3K/4K/65K	6300/7000/7000	
AL774726	36w	603x603x34	4K/5K/65K	5040/5040/5040	AL774741	50w	600x1200x34	4K/5K/65K	7000/7000/7000	
AL774727	36w	600x600x34	3K/4K/5K	4550/5040/5040						
AL774728	36w	600x600x34	3K/4K/65K	4550/5040/5040						
AL774729	36w	600x600x34	4K/5K/65K	5040/5040/5040						
AL774730	36w	303x1213x34	3K/4K/5K	4550/5040/5040						
AL774731	36w	303x1213x34	3K/4K/65K	4550/5040/5040						
AL774732	36w	303x1213x34	4K/5K/65K	5040/5040/5040						

Accessories / mounting kits

Hanging kit (iron wire 1m)

AL674750	2x2 & 1x4
AL674751	2x4

Frame for Surface mount

AL674752	2x2
AL674753	1x4
AL674754	2x4

Drywall / Gypsum Clips

AL674786	2x2 (4 Clips)
AL674787	1x4 & 2x4 (6 Clips)

Notes

- Lumen tolerance: up to 7%
- Driver: Isolated Type
Output Voltage: 36VDC
- Always connect driver to panel before turning power on to avoid driver damage and loss of warranty
- Packing:
1 pc per inner box
6 pcs per master pack
- IP40 Front / IP 20 Back
- Microwave Sensor:
Merrytek Part # MC182D 99
Only factory installation
Not field installation

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 (603x603mm)	6	63.5 x 26 x 65	0.1073	11.8
1x4 (303x1213mm)	6	125 x 25.5 x 33	0.1052	11.7
2x4 (603x1213mm)	4	125.3 x 18 x 63	0.1421	16.25

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 (600x600mm)	6	63 x 26 x 64.5	0.01057	11.2
1x4 (300x1200mm)	6	122.5 x 25.5 x 32.5	0.1015	11.4
2x4 (600x1200mm)	4	123.5 x 18.5 x 63	0.1439	15.25

Packing for frames

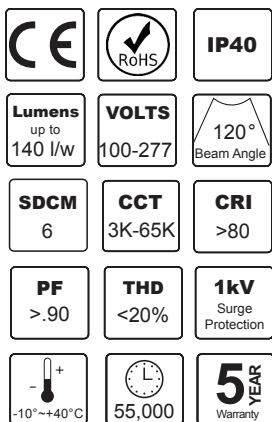
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (603x603mm)	40	63.2 x 19.5 x 36	0.0444	16.5
1x4 Frame (303x1213mm)	20	123.5 x 19.5 x 29	0.0698	19.3
2x4 Frame (603x1213mm)	20	123.5 x 19.5 x 29	0.0698	22.5

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (600x600mm)	40	62.9 x 19.5 x 36	0.0442	16.5
1x4 Frame (300x1200mm)	20	122.2 x 19.5 x 29	0.0691	19
2x4 Frame (600x1200mm)	20	122.2 x 19.5 x 29	0.0693	21.7



Backlite Pro™ Series

34w / 36w / 50w



Americanlite® Backlite Pro™ LED Panels deliver exceptional performance with a sleek, modern aesthetic. Built using the latest solid-state components and advanced driver technology, these panels are ideal for both new construction and fluorescent retrofit applications.

The narrow aluminum frame is precision-fitted to a 0.25mm code iron backplate, protecting the LEDs and optical components. Seamless corners and a refined edge design maximize the light-emitting surface for clean, efficient illumination.

A white frosted PS lens (0.8mm) with a smooth micro-pattern ensures uniform light distribution while offering enhanced scratch and impact resistance. The lens is engineered to optimize light output and overall fixture efficiency.

Powered by a long-life LED system and high-performance electronic driver, Backlite Pro™ delivers up to 55,000 hours of reliable operation. Available in 3000K, 4000K, and 6500K CCT options with a minimum CRI of 80. Designed for shallow plenum grid ceilings, these panels are also compatible with surface or suspended mounting using optional kits.

With exceptional performance, and a solid 5-year warranty, Backlite Pro™ is the smartest, most dependable choice in the market for high-efficiency panel lighting.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Item	Power	Size (mm)	CCT	Lumens	Options
AL774772	34w	603x603x34	3000K	4298	AL774708	36w	303x1213x34	3000K	4550	E1 ER 4w AL585005
AL774773	34w	603x603x34	4000K	4500	AL774709	36w	303x1213x34	4000K	5040	E2 ER 8w AL585008
AL774774	34w	603x603x34	5000K	4500	AL774710	36w	303x1213x34	5000K	5040	MS Microwave Sensor
AL774775	34w	603x603x34	6500K	4500	AL774711	36w	303x1213x34	6500K	5040	
AL774750	34w	600x600x34	3000K	4298	AL774712	36w	300x1200x34	3000K	4550	
AL774751	34w	600x600x34	4000K	4500	AL774713	36w	300x1200x34	4000K	5040	
AL774752	34w	600x600x34	5000K	4500	AL774714	36w	300x1200x34	5000K	5040	
AL774753	34w	600x600x34	6500K	4500	AL774715	36w	300x1200x34	6500K	5040	
AL774700	36w	603x603x34	3000K	4550	AL774716	50w	603x1213x34	3000K	6300	
AL774701	36w	603x603x34	4000K	5040	AL774717	50w	603x1213x34	4000K	7000	
AL774702	36w	603x603x34	5000K	5040	AL774718	50w	603x1213x34	5000K	7000	
AL774703	36w	603x603x34	6500K	5040	AL774719	50w	603x1213x34	6500K	7000	
AL774704	36w	600x600x34	3000K	4550	AL774720	50w	600x1200x34	3000K	6300	
AL774705	36w	600x600x34	4000K	5040	AL774721	50w	600x1200x34	4000K	7000	
AL774706	36w	600x600x34	5000K	5040	AL774722	50w	600x1200x34	5000K	7000	
AL774707	36w	600x600x34	6500K	5040	AL774723	50w	600x1200x34	6500K	7000	

Accessories / mounting kits

Hanging kit (iron wire 1m)

AL674750	2x2 & 1x4
AL674751	2x4

Frame for Surface mount

AL674752	2x2
AL674753	1x4
AL674754	2x4

Drywall / Gypsum Clips

AL674786	2x2 (4 Clips)
AL674787	1x4 & 2x4 (6 Clips)

Notes

- Lumen tolerance: up to 7%
- Driver: Isolated Type
Output Voltage: 36VDC
- Always connect driver to panel before turning power on to avoid driver damage and loss of warranty
- Packing: 1 pc per inner box
6 pcs per master pack
- IP40 Front / IP 20 Back
- Microwave Sensor: Merrytek Part # MC182D 99
Only factory installation
Not field installation

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 (603x603mm)	6	63.5 x 26 x 65	0.1073	11.8
1x4 (303x1213mm)	6	125 x 25.5 x 33	0.1052	11.7
2x4 (603x1213mm)	4	125.3 x 18 x 63	0.1421	16.25

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 (600x600mm)	6	63 x 26 x 64.5	0.01057	11.2
1x4 (300x1200mm)	6	122.5 x 25.5 x 32.5	0.1015	11.4
2x4 (600x1200mm)	4	123.5 x 18.5 x 63	0.1439	15.25

Packing for frames

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (603x603mm)	40	63.2 x 19.5 x 36	0.0444	16.5
1x4 Frame (303x1213mm)	20	123.5 x 19.5 x 29	0.0698	19.3
2x4 Frame (603x1213mm)	20	123.5 x 19.5 x 29	0.0698	22.5

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (600x600mm)	40	62.9 x 19.5 x 36	0.0442	16.5
1x4 Frame (300x1200mm)	20	122.2 x 19.5 x 29	0.0691	19
2x4 Frame (600x1200mm)	20	122.2 x 19.5 x 29	0.0693	21.7

Backlite™ Series

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



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 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 / mounting kits
			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 2x2 & 1x4 AL674751 2x4
AL674719	40w	603x603x34	3K/4K/65K	3800/4000/4000		
AL674735	40w	603x603x34	4K/5K/65K	4000/4000/4000		
AL674720	40w	303x1213x34	3K/4K/5K	3800/4000/4000		Frame for Surface mount AL674752 2x2 AL674753 1x4 AL674754 2x4
AL674721	40w	303x1213x34	3K/4K/65K	3800/4000/4000		
AL674736	40w	303x1213x34	4K/5K/65K	4000/4000/4000		
AL674729	50w	603x1213x34	3K/4K/5K	5000/5500/5500		Drywall / Gypsum Clips AL674786 2x2 (4 Clips) AL674787 1x4 & 2x4 (6 Clips)
AL674730	50w	603x1213x34	3K/4K/65K	5000/5500/5500		
AL674737	50w	603x1213x34	4K/5K/65K	5500/5500/5500		
AL674722	60w	603x1213x34	3K/4K/5K	6000/6600/6600		
AL674723	60w	603x1213x34	3K/4K/65K	6000/6600/6600		
AL674738	60w	603x1213x34	4K/5K/65K	6600/6600/6600		
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: up to 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:
2x2 & 1x4 = 1 pc per inner box / 5 pcs per master
2x4 = 1 pc per inner box / 4 pcs per master

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	5	63.5 x 22 x 65	0.0908	9.8
1x4	5	125 x 21.5 x 33	0.0887	9.7
2x4	4	125.3 x 18 x 63	0.1421	16.25
2x2 Frame	40	63.2 x 19.5 x 36	0.0444	16.5
1x4 Frame	20	123.5 x 19.5 x 29	0.0698	19.3
2x4 Frame	20	123.5 x 19.5 x 29	0.1698	22.5

Backlite™ Series

40w / 50w / 60w / 72w



IP20	PF >.90	CRI >80
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THD <20%	VOLTS 100-277	120° Beam Angle
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CCT 4-65K	Lumens up to 110 l/w	SDCM 6
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1kV Surge Protection	25,000 hours	-10°~+40°C temperature range
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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	5500
AL674701	40w	603x603x34	5000K	3200	AL674716	50w	603x1213x34	5000K	5500
AL674702	40w	603x603x34	6500K	3200	AL674717	50w	603x1213x34	6500K	5500
AL674703	40w	603x603x34	4000K	3600	AL674712	60w	603x1213x34	4000K	6600
AL674704	40w	603x603x34	5000K	3600	AL674713	60w	603x1213x34	5000K	6600
AL674705	40w	603x603x34	6500K	3600	AL674714	60w	603x1213x34	6500K	6600
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	4000					
AL674710	40w	303x1213x34	5000K	4000					
AL674711	40w	303x1213x34	6500K	4000					

Options	Packing	Accessories / mounting kits
D 0-10V	Blank 2 PC inner	Hanging kit (iron wire 1m)
E1 ER 4w AL585005	S 1 PC inner	Frame for Surface mount
E2 ER 8w AL585008		Drywall / Gypsum Clips
		AL674750 2x2 & 1x4
		AL674751 2x4
		AL674752 2x2
		AL674753 1x4
		AL674754 2x4
		AL674786 2x2 (4 Clips)
		AL674787 1x4 & 2x4 (6 Clips)

Notes

- Lumen tolerance: up to 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

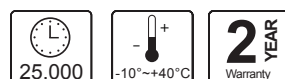
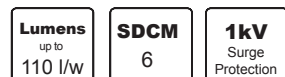
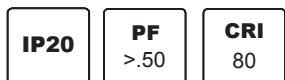
Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	6	63.5 x 26 x 65	0.1073	11.8
2x2	5	63.5 x 22 x 65	0.0908	9.8
1x4	6	125 x 25.5 x 33	0.1052	9.7
1x4	5	125 x 21.5 x 33	0.0887	10.5
2x4	4	125.3 x 18 x 63	0.1421	16.25
2x2 Frame	40	63.2 x 19.5 x 36	0.0444	16.5
1x4 Frame	20	123.5 x 19.5 x 29	0.0698	19.3
2x4 Frame	20	123.5 x 19.5 x 29	0.0698	22.5



Backlite DOBX™ Series

40w / 50w
CCT Selectable



Americanlite® Backlite DOBX™ LED Panels offer a low-cost alternative for projects and applications with tight budgets. Developed with the latest generation of DOBX™ Technology, these panels are ideal for both new construction and renovation of existing fixtures.

Narrow frame is tightly held to code film covered 0.165mm steel back plate to protect the LEDs and optical area. Corners are seamless style 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 DOBX™ non-isolated 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 DOBX™ LED Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended mounted using the optional kits. Ideal for commercial applications, such as offices, warehouses, schools, institutional and government buildings, and much more.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Packing	Options	Accessories / mounting kits
AL774754	40w	603x603x32	3K/4K/5K	3800/4400/4000	Blank	ER ER Battery	Hanging Kit (iron wire 1m)
AL774755	40w	603x603x32	3K/4K/65K	3800/4400/4000	No Inner		AL674782 = 2x2 & 1x4
AL774756	40w	603x603x32	4K/5K/65K	4000/4400/4000	With Inner		AL674783 = 2x4
AL774757	40w	600x600x32	3K/4K/5K	3800/4400/4000			Surface mount
AL774758	40w	600x600x32	3K/4K/65K	3800/4400/4000			AL674752 = 2x2 (603x603x32)
AL774759	40w	600x600x32	4K/5K/65K	4000/4400/4000			AL674753 = 1x4 (303x1213x32)
AL774760	40w	303x1213x32	3K/4K/5K	3800/4400/4000			AL674754 = 2x4 (603x1213x34)
AL774761	40w	303x1213x32	3K/4K/65K	3800/4400/4000			AL674747 = 2x2 (600x600x32)
AL774762	40w	303x1213x32	4K/5K/65K	4000/4400/4000			AL674748 = 1x4 (300x1200x32)
AL774763	40w	300x1200x32	3K/4K/5K	3800/4400/4000			AL674749 = 2x4 (600x1200x34)
AL774764	40w	300x1200x32	3K/4K/65K	3800/4400/4000			Drywall / Gypsum clips
AL774765	40w	300x1200x32	4K/5K/65K	4000/4400/4000			AL674786 = 2x2 (4 Clips)
AL774766	50w	603x1213x34	3K/4K/5K	4750/5500/5000			AL674787=1x4 & 2x4 (6 Clips)
AL774767	50w	603x1213x34	3K/4K/65K	4750/5500/5000			
AL774768	50w	603x1213x34	4K/5K/65K	5000/5500/5000			
AL774769	50w	600x1200x34	3K/4K/5K	4750/5500/5000			
AL774770	50w	600x1200x34	3K/4K/65K	4750/5500/5000			
AL774771	50w	600x1200x34	4K/5K/65K	5000/5500/5000			

Notes

- Lumen & Power tolerance: up to 10%
- Lumens @ 3000K = 95 lxw
4K/5K/65K = 100 lxw
Middle CCT = 110 lxw
- Non-isolated flicker free driver
- PS thickness:
2x2 = 0.7mm
1x4 = 0.7mm
2x4 = 1.0mm
- ER Driver = 8w (AL585010)
- Packing (no inner)
Individually plastic wrapped
2x2 = 10 pcs x master
1x4 = 10 pcs x master
2x4 = 6 pcs x master
- Frames (no inner)
- Packing with inner / Individual pack
Individually plastic wrapped
2x2 = 5 pcs x master
1x4 = 5 pcs x master
2x4 = 4 pcs x master
- Recommended use:
10-12 hours / day to avoid product damage or voided warranty

Packing information

Packing no inner (no individual pack)

Model	Inner Box	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KGS)
2x2 (603x603mm)	No	10	65.5 x 37 x 66	0.1600	15
2x2 (600x600mm)	No	10	65 x 37 x 65.5	0.1575	13.8
1x4 (303x1213mm)	No	10	127.5 x 37 x 36	0.1698	15.8
1x4 (300x1200mm)	No	10	125 x 37 x 35.5	0.1642	14.5
2x4 (603x1213mm)	No	6	125.5 x 24 x 66	0.1988	21.5
2x4 (600x1200mm)	No	6	125 x 24 x 65.5	0.1965	20.5

Packing with inner (individual pack)

Model	Inner Box	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KGS)
2x2 (603x603mm)	Yes	5	63 x 21.5 x 63.8	0.0864	9.8
2x2 (600x600mm)	Yes	5	63.5 x 21.5 x 65.5	0.0894	9.2
1x4 (303x1213mm)	Yes	5	125 x 21.5 x 33	0.0867	9.7
1x4 (300x1200mm)	Yes	5	122.5 x 21.5 x 33	0.0869	9.4
2x4 (603x1213mm)	Yes	4	125.3 x 17.8 x 63	0.1405	16.25
2x4 (600x1200mm)	Yes	4	123.5 x 18.5 x 63	0.1439	15.25

Packing for frames

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (603x603mm)	25	63.2 x 19.5 x 36	0.0444	16.8
1x4 Frame (303x1213mm)	20	123.5 x 19.5 x 29	0.0698	19.3
2x4 Frame (603x1213mm)	20	123.5 x 19.5 x 29	0.0698	22.5



Backlite DOBX™ Series

40w / 50w / 60w



IP20	PF >.50	CRI 80
VOLTS 100-277	120° Beam Angle	CCT 4K-65K
Lumens up to 100 l/w	SDCM 6	1kV Surge Protection
25,000 Hours	-10°~+40°C Temp. Range	2 YEAR Warranty

Americanlite® Backlite DOBX™ LED Panels offer a low-cost alternative for projects and applications with tight budgets. Developed with the latest generation of DOBX™ Technology, these panels are ideal for both new construction and renovation of existing fixtures.

Narrow frame is tightly held to code film covered 0.165mm steel back plate to protect the LEDs and optical area. Corners are seamless style 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 DOBX™ non-isolated driver, to deliver optimal performance. CCT's available in 4000K, 5000K and 6500K with CRI 80 and 25,000 hours life time.

Americanlite® Backlite DOBX™ LED Panels are optimized for shallow plenum grid ceilings but may also be surface, suspended mounted using the optional kits. Ideal for commercial applications, such as offices, warehouses, schools, institutional and government buildings, and much more.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Item	Power	Size (mm)	CCT	Lumens	Packing
AL674770	40w	603x603x32	4000K	4000	AL674776	50w	603x1213x34	4000K	5000	Blank No Inner P With Inner
AL674771	40w	603x603x32	5000K	4000	AL674777	50w	603x1213x34	5000K	5000	
AL674772	40w	603x603x32	6500K	4000	AL674778	50w	603x1213x34	6500K	5000	Options ER ER Battery
AL674773	40w	600x600x32	4000K	4000	AL674779	50w	600x1200x34	4000K	5000	
AL674774	40w	600x600x32	5000K	4000	AL674780	50w	600x1200x34	5000K	5000	
AL674775	40w	600x600x32	6500K	4000	AL674781	50w	600x1200x34	6500K	5000	
AL674740	40w	303x1213x32	4000K	4000	AL674767	60w	603x1213x34	4000K	6000	
AL674741	40w	303x1213x32	5000K	4000	AL674768	60w	603x1213x34	5000K	6000	
AL674742	40w	303x1213x32	6500K	4000	AL674769	60w	603x1213x34	6500K	6000	
AL674743	40w	300x1200x32	4000K	4000	AL674797	60w	600x1200x34	4000K	6000	
AL674744	40w	300x1200x32	5000K	4000	AL674798	60w	600x1200x34	5000K	6000	
AL674745	40w	300x1200x32	6500K	4000	AL674799	60w	600x1200x34	6500K	6000	

Accessories / mounting kits

Surface mount

AL674752 = 2x2 (603x603x32)
AL674753 = 1x4 (303x1213x32)
AL674754 = 2x4 (603x1213x34)

Surface mount

AL674747 = 2x2 (600x600x32)
AL674748 = 1x4 (300x1200x32)
AL674749 = 2x4 (600x1200x34)

Drywall / Gypsum clips

AL674786 = 2x2 (4 Clips)
AL674787 = 1x4 & 2x4 (6 Clips)

Hanging Kit (iron wire 1m)

AL674782 = 2x2 & 1x4
AL674783 = 2x4

Notes

- Lumen & Power tolerance: up to 10%
- Non-isolated flicker free driver
- PS thickness:
2x2 = 0.7mm
1x4 = 0.7mm
2x4 = 1.0mm
- ER Driver = 8w (AL585010)
- Packing (no inner)
Individually plastic wrapped
2x2 = 10 pcs x master
1x4 = 10 pcs x master
2x4 = 6 pcs x master
- Frames (no inner)
- Packing with inner / Individual pack
Individually plastic wrapped
2x2 = 5 pcs x master
1x4 = 5 pcs x master
2x4 = 4 pcs x master
- Recommended use:
10-12 hours / day to avoid product damage or voided warranty

Packing information

Packing no inner (no individual pack)

Model	Inner Box	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KGS)
2x2 (603x603mm)	No	10	65.5 x 37 x 66	0.1600	15
2x2 (600x600mm)	No	10	65 x 37 x 65.5	0.1575	13.8
1x4 (303x1213mm)	No	10	127.5 x 37 x 36	0.1698	15.8
1x4 (300x1200mm)	No	10	125 x 37 x 35.5	0.1642	14.5
2x4 (603x1213mm)	No	6	125.5 x 24 x 66	0.1988	21.5
2x4 (600x1200mm)	No	6	125 x 24 x 65.5	0.1965	20.5

Packing with inner (individual pack)

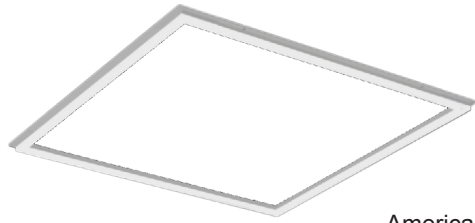
Model	Inner Box	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KGS)
2x2 (603x603mm)	Yes	5	63 x 21.5 x 63.8	0.0864	9.8
2x2 (600x600mm)	Yes	5	63.5 x 21.5 x 65.5	0.0894	9.2
1x4 (303x1213mm)	Yes	5	125 x 21.5 x 33	0.0867	9.7
1x4 (300x1200mm)	Yes	5	122.5 x 21.5 x 33	0.0869	9.4
2x4 (603x1213mm)	Yes	4	125.3 x 17.8 x 63	0.1405	16.25
2x4 (600x1200mm)	Yes	4	123.5 x 18.5 x 63	0.1439	15.25

Packing for frames

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (603x603mm)	25	63.2 x 19.5 x 36	0.0444	16.8
1x4 Frame (303x1213mm)	20	123.5 x 19.5 x 29	0.0698	19.3
2x4 Frame (603x1213mm)	20	123.5 x 19.5 x 29	0.0698	22.5

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame (600x600mm)	25	62.9 x 19.5 x 36	0.0442	16.5
1x4 Frame (300x1200mm)	20	122.2 x 19.5 x 29	0.0691	19
2x4 Frame (600x1200mm)	20	122.2 x 19.5 x 29	0.693	21.7

Framelite™ Series



36w / 40w
Single & CCT Selectable
Not dimmable / 0-10V

IP20	PF .90	CRI >80
THD <20%	VOLTS 100-277	120° BeamAngle
Lumens up to 100 lxw	CCT 3K-65K	CCT Selectable
DIM 0-10V	SDCM 6	1kV Surge Protection
25,000	-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 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 in single 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	Option
AL674760	36w	603x603	3000K	3250	D 0-10V Dim
AL674761	36w	603x603	4000K	3600	
AL674762	36w	603x603	5000K	3600	
AL674763	36w	603x603	6500K	3600	
AL674790	40w	603x1213	3000K	3600	
AL674791	40w	603x1213	4000K	4000	
AL674792	40w	603x1213	5000K	4000	
AL674793	40w	603x1213	6500K	4000	

CCT Selectable

Item	Power	Size (mm)	CCT	Lumens	Option
AL674764	36w	603x603	3K/4K/5K	3250/3600/3600	D 0-10V Dim
AL674765	36w	603x603	3K/4K/65K	3250/3600/3600	
AL674766	36w	603x603	4K/5K/65K	3600/3600/3600	
AL674794	40w	603x1213	3K/4K/5K	3600/4000/4000	
AL674795	40w	603x1213	3K/4K/65K	3600/4000/4000	
AL674796	40w	603x1213	4K/5K/65K	4000/4000/4000	

Notes

- Lumen tolerance: up to 5%
- Lumens:
4K/5K/65K = 100lxw
3K = 90 lxw
- No Dim = Flicker free Isolated Driver
- 0-10V = UL Lifud driver
2x2 = part # LF-GLD045YS-0950U
2x4 = part # LF-GLD045YS-1050U
- Measurements:
Frame size: 603 x 603 mm
LED light frame: 586 x 586 mm
(interior size 557 x 557 mm)
Frame size: 603 x 1213 mm
LED light frame: 587 x 1197 mm
(interior size 556 x 1166 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
2 x4	2	5 boxes / 10 pcs	126 x 19.5 x 63	0.1547	12



Warranty

Americanlite® is pleased to provide a 2 or 5 year limited warranty covering the LED panels in 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.