



LED

UL Backlite™ Panel

americanlite®

We light your world™



Backlite™ Series

DLC 5.1 Premium

30w / 40w / 50w



Damp Location	Lumens 130LXW	DIM 0-10V
CCT 3-65K	CRI 80	Beam Angle 120°
SDCM <4	UGR ≤22	1kV Surge Protector
VOLTS 120-277	PF >.90	THD <15%
		6 YEAR Warranty

Americanlite® UL 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 cold steel 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 (LED PCB) coupled with UL electronic driver with 1KV surge protection, to deliver optimal performance. CCT, from 3000K up to 6500K with a minimum of CRI 80 and 60,000 hours.

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

Americanlite® UL Backlite™ LED Panels are an excellent lighting solution for commercial office spaces, schools, healthcare facilities and retail merchandising areas.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Options	Accessories
AL674925	30w	603x603x33	3000K	3900		
AL674926	30w	603x603x33	4000K	3900		
AL674927	30w	603x603x33	5000K	3900		
AL674928	30w	603x603x33	6500K	3900		
AL674929	40w	603x603x33	3000K	5200		
AL674930	40w	603x603x33	4000K	5200		
AL674931	40w	603x603x33	5000K	5200		
AL674932	40w	603x603x33	6500K	5200		
AL674933	40w	303x1213x33	3000K	5200		
AL674934	40w	303x1213x33	4000K	5200		
AL674935	40w	303x1213x33	5000K	5200		
AL674936	40w	303x1213x33	6500K	5200		
AL674988	40w	603x1213x33	3000K	5200		
AL674989	40w	603x1213x33	4000K	5200		
AL674990	40w	603x1213x33	5000K	5200		
AL674991	40w	603x1213x33	6500K	5200		
AL674937	50w	603x1213x33	3000K	6500		
AL674938	50w	603x1213x33	4000K	6500		
AL674939	50w	603x1213x33	5000K	6500		
AL674940	50w	603x1213x33	6500K	6500		

Notes

- Lumen tolerance +- 5%
- Height 31.5mm / 33mm including driver 36mm with ER driver
- Output Voltage 36-43VDC
- ER Driver = STB34E-08WLi-55
- Complies with DLC
- ANSI C82.77 Surge Protection
- Flicker <30%
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product

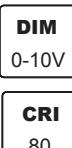
Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 15 x 63.5	0.0585	8
1x4	4	122.5 x 15 x 33.5	0.0615	8.5
2x4	4	122.5 x 15 x 63.5	0.1166	15

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame	20	66 x 30 x 17	0.0336	12.3
1x4 Frame	20	124 x 30 x 17	0.0632	13
2x4 Frame	15	124 x 23 x 17	0.0484	14.3



Backlite™ Series

DLC 5.1 Standard
CCT & Power Selectable

Damp Location

130LXW

0-10V

CCT Selectable

Power Selectable

CRI 80



120° Beam Angle

<7

≤22



1kV Surge Protector

120-277

>.90



THD <15%

-20°~+40°C

60,000



Americanlite® UL 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!

Americanlite® UL Backlite™ LED Panels are developed with the latest generation of solid-state components and electronic driver technologies. Narrow aluminum frame is tightly held to cold steel 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 (LED PCB) coupled with UL electronic driver with 1KV surge protection, to deliver optimal performance. Selectable Power 20w/25w/30w, 20w/30w/40w, 30w/35w/40w or 30w/40w/50w and Selectable CCT, from 3500K up to 6500K with a minimum of CRI 80 and 60,000 hours.

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Ordering information

Item	Selectable Power	Size (mm)	Selectable CCT		Lumens	Options	Accessories
			35K/4K/5K	2600/3250/3900			
AL674941	20w/25w/30w	603x603x33	35K/4K/5K	2600/3250/3900			Hanging kit (iron wire 1m)
AL674942	20w/25w/30w	603x603x33	3K/4K/65K	2600/3250/3900			AL674900 2 x 2
AL674981	20w/25w/30w	603x603x33	4K/5K/65K	2600/3250/3900			AL674901 1 x 4 & 2 x 4
AL674973	20w/30w/40w	603x603x33	35K/4K/5K	2600/3900/5200			
AL674974	20w/30w/40w	603x603x33	3K/4K/65K	2600/3900/5200			
AL674982	20w/30w/40w	603x603x33	4K/5K/65K	2600/3900/5200			
AL674943	20w/25w/30w	303x1213x33	35K/4K/5K	2600/3250/3900			
AL674944	20w/25w/30w	303x1213x33	3K/4K/65K	2600/3250/3900			
AL674983	20w/25w/30w	303x1213x33	4K/5K/65K	2600/3250/3900			
AL674985	20w/30w/40w	303x1213x33	35K/4K/5K	2600/3900/5200			
AL674986	20w/30w/40w	303x1213x33	3K/4K/65K	2600/3900/5200			
AL674987	20w/30w/40w	303x1213x33	4K/5K/65K	2600/3900/5200			
AL674945	30w/35w/40w	603x1213x33	35K/4K/5K	3900/4550/5200			
AL674946	30w/35w/40w	603x1213x33	3K/4K/65K	3900/4550/5200			
AL674984	30w/35w/40w	603x1213x33	4K/5K/65K	3900/4550/5200			
AL674975	30w/40w/50w	603x1213x33	35K/4K/5K	3900/5200/6500			
AL674976	30w/40w/50w	603x1213x33	3K/4K/65K	3900/5200/6500			
AL674977	30w/40w/50w	603x1213x33	4K/5K/65K	3900/5200/6500			
Item	Single Power	Size (mm)	Selectable CCT		Lumens		
			35K/4K/5K	6500/6500/6500			
AL674971	50w	603x1213x33	35K/4K/5K	6500/6500/6500			
AL674972	50w	603x1213x33	4K/5K/65K	6500/6500/6500			

Notes

- Lumen & Power tolerance +/- 5%
- Height 31.5mm / 33mm including driver 36mm with ER driver
- For Selectable Power lumens based on highest wattage
- Output Voltage 36-43VDC
- ER Driver = STB34E-08WLi-55
- Complies with DLC
- ANSI C82.77 Surge Protection
- Flicker <30%
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 15 x 63.5	0.0585	8
1x4	4	122.5 x 15 x 33.5	0.0615	8.5
2x4	4	122.5 x 15 x 63.5	0.1166	15
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame	20	66 x 30 x 17	0.0336	12.3
1x4 Frame	20	124 x 30 x 17	0.0632	13
2x4 Frame	15	124 x 23 x 17	0.0484	14.3



Backlite™ Series

30w / 40w / 50w

Damp Location	Lumens 110LXW	DIM 0-10V
CCT 3-65K	CRI 80	Beam Angle 120°
SDCM <5	UGR ≤22	1kV Surge Protector
VOLTS 120-277	PF >.90	THD <15%
		6 YEAR Warranty

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Ordering information

Item	Power	Size (mm)	CCT	Lumens	Options	Accessories
AL674905	30w	603x603x33	3000K	3300	E2 ER Driver 8w	Hanging Kit (iron wire 1m)
AL674906	30w	603x603x33	4000K	3300		AL674900 2 x 2
AL674907	30w	603x603x33	5000K	3300		AL674901 1 x 4 & 2 x 4
AL674908	30w	603x603x33	6500K	3300		
AL674909	40w	603x603x33	3000K	4400		
AL674910	40w	603x603x33	4000K	4400		
AL674911	40w	603x603x33	5000K	4400		
AL674912	40w	603x603x33	6500K	4400		
AL674913	40w	303x1213x33	3000K	4400		
AL674914	40w	303x1213x33	4000K	4400		
AL674915	40w	303x1213x33	5000K	4400		
AL674916	40w	303x1213x33	6500K	4400		
AL674917	50w	603x1213x33	3000K	5500		
AL674918	50w	603x1213x33	4000K	5500		
AL674919	50w	603x1213x33	5000K	5500		
AL674920	50w	603x1213x33	6500K	5500		

Notes

- Lumen tolerance up to 10%
- Height 31.5mm / 33mm including driver 36mm with ER driver
- Output Voltage 36-43VDC
- ER Driver = STB34E-08WLi-55
- Complies with DLC
- ANSI C82.77 Surge Protection
- Flicker <30%
- Recommended use per day 24/7 in ambient temp of 25°C.
- In temps >25° may result in shorter lifetime of the product

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 15 x 63.5	0.0585	8
1x4	4	122.5 x 15 x 33.5	0.0615	8.5
2x4	4	122.5 x 15 x 63.5	0.1166	15

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame	20	66 x 30 x 17	0.0336	12.3
1x4 Frame	20	124 x 30 x 17	0.0632	13
2x4 Frame	15	124 x 23 x 17	0.0484	14.3



Backlite™ Series

CCT & Power Selectable

	Lumens 110LXW	DIM 0-10V
CCT Selectable	Power Selectable	CRI 80
	SDCM <5	UGR ≤22
1kV Surge Protector	VOLTS 120-277	PF >.90
THD <15%		60,000
6 YEAR Warranty		

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Ordering information

Item	Selectable Power		Selectable CCT		Lumens	Options	Accessories
	Size (mm)						
AL674947	20w/30w/40w	603x603x33	35K/4K/5K	2200/3300/4400			Hanging kit (iron wire 1m) AL674900 2 x 2 AL674901 1 x 4 & 2 x 4
AL674948	20w/30w/40w	603x603x33	3K/4K/65K	2200/3300/4400			
AL674953	20w/30w/40w	603x603x33	4K/5K/65K	2200/3300/4400			
AL674949	20w/30w/40w	303x1213x33	35K/4K/5K	2200/3300/4400			Frame for Surface mount AL674902 2 x 2 AL674903 1 x 4 AL674904 2 x 4
AL674950	20w/30w/40w	303x1213x33	3K/4K/65K	2200/3300/4400			
AL674954	20w/30w/40w	303x1213x33	4K/5K/65K	2200/3300/4400			
AL674951	30w/40w/50w	603x1213x33	35K/4K/5K	3300/4400/5500			Drywall Recessed Cips kit AL674921 2 x 2 AL674922 1 x 4 / 2 x 4
AL674952	30w/40w/50w	603x1213x33	3K/4K/65K	3300/4400/5500			
AL674955	30w/40w/50w	603x1213x33	4K/5K/65K	3300/4400/5500			
Item	Single Power		Selectable CCT		Lumens	Options	Accessories
	Size (mm)						
AL674992	40w	603x603x33	35K/4K/5K	4400/4400/4400			
AL674993	40w	603x603x33	3K/4K/65K	4400/4400/4400			
AL674980	40w	603x603x33	4K/5K/65K	4400/4400/4400			
AL674970	50w	603x1213x33	35K/4K/5K	5500/5500/5500			
AL674978	50w	603x1213x33	3K/4K/65K	5500/5500/5500			
AL674979	50w	603x1213x33	4K/5K/65K	5500/5500/5500			

Notes

- Lumen & Power tolerance up to 10%
- Height 31.5mm / 33mm including driver 36mm with ER driver
- For Selectable Power lumens based on highest wattage
- Output Voltage 36-43VDC
- ER Driver = STB34E-08WLi-55
- ANSI C82.77 Surge Protection
- Flicker <30%
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 15 x 63.5	0.0585	8
1x4	4	122.5 x 15 x 33.5	0.0615	8.5
2x4	4	122.5 x 15 x 63.5	0.1166	15

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2 Frame	20	66 x 30 x 17	0.0336	12.3
1x4 Frame	20	124 x 30 x 17	0.0632	13
2x4 Frame	15	124 x 23 x 17	0.0484	14.3



Warranty

Americanlite® is pleased to provide a 6 year limited warranty covering the LED panels on 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.