



UL Backlite™ Panel

americanlite®

We light your world™



Backlite™ Series

5 CCT & 5 Power Selectable



The Americanlite® UL Backlite™ LED Panel represents a new standard in high-performance architectural lighting, combining advanced technology, superior efficiency, and unmatched versatility in a single, specification-grade solution. Designed to adapt to a wide range of commercial applications, this fixture features innovative 5 CCT and 5 power selectable technology, enabling precise adjustment of color temperature and lumen output directly on-site. This flexibility reduces the need for multiple SKUs, simplifies inventory management, and allows lighting designers, contractors, and facility managers to fine-tune illumination levels to meet exact project requirements without compromising performance.

Engineered for efficiency, the Backlite™ panel delivers up to 130 lumens per watt, maximizing energy savings while maintaining high-quality, uniform light distribution. Its advanced optical system, combined with a low-glare design (UGR <22) and tight color consistency (<7 SDCM), ensures enhanced visual comfort and a refined lighting experience ideal for productivity-driven environments. With a wide 112° beam angle and a minimum CRI of 80, the fixture provides balanced, natural illumination suitable for offices, healthcare facilities, educational institutions, and retail spaces.

Built with durability and long-term reliability in mind, the fixture incorporates premium-grade components, including a high-performance 0–10V dimmable driver, integrated surge protection (up to 2.5kV), and a robust electrical design with low THD (<20%) and high power factor (>0.90). Fully UL listed and compliant with DLC standards, the Backlite™ panel meets the most stringent industry requirements, ensuring confidence in both safety and performance across all installations.

The panel's slim, modern profile allows for seamless integration into standard grid ceilings and supports surface, suspended, and drywall recessed mounting options. With a lifespan of up to 60,000 hours and a 6-year warranty, it minimizes maintenance while delivering consistent, high-quality illumination. Additional accessories—including microwave sensors, emergency drivers, and remote controls—further enhance its adaptability, making it an ideal solution for projects that demand performance, flexibility, and long-term value.

Ordering information

Item	Power	Size (mm)	CCT	Lumens	Options
AL674994	20w	603x603x35	3K/35K/4K/5K/65K	2480/2560/2600/2580/2480	E2 ER Driver 8w MW Microwave Sensor Accessories Hanging kit (iron wire 1m) AL674900 2 x 2 AL674901 2 x 4 Frame for Surface mount AL674902 2 x 2 AL674904 2 x 4 Drywall Recessed Clips kit AL674921 2 x 2 AL674922 2 x 4 Remote Control AL674999
	25w	603x603x35	3K/35K/4K/5K/65K	3075/3175/3225/3200/3075	
	30w	603x603x35	3K/35K/4K/5K/65K	3660/3780/3840/3810/3660	
	35w	603x603x35	3K/35K/4K/5K/65K	4235/4375/4445/4410/4235	
	40w	603x603x35	3K/35K/4K/5K/65K	4800/4960/5040/5000/4800	
AL674995	30w	603x1213x35	3K/35K/4K/5K/65K	3420/3480/3540/3510/3420	
	40w	603x1213x35	3K/35K/4K/5K/65K	4520/4600/4680/4640/4520	
	50w	603x1213x35	3K/35K/4K/5K/65K	5600/5700/5800/5750/5600	
	60w	603x1213x35	3K/35K/4K/5K/65K	6660/6780/6900/6840/6660	
	72w	603x1213x35	3K/35K/4K/5K/65K	7920/8064/8208/8136/7920	

Notes

- Lumen & Power tolerance up to 10%
- Lumens: 2x2 up to 130 lxw / 2x4 up to 118 lxw
- Height 34.8mm / 35mm including driver
- UL Listed. Conforms to UL1598
- 40w = complies with DLC 6.0
- ER Driver part # STB34E-08WLi-55
- Microwave Sensor Part # HD08VR-M-1B
- Sensor Receptacle Part # HD08VRC
- Remote Control Part # HD06R
- ANSI C82.77 Surge Protection: withstands up to 2.5kV Ring Wave
- Flicker <30%
- Output Voltage:
40w = 36-43V
72w = 41-48V
- 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	8.5
2x4	4	122.5 x 15 x 63.5	0.1166	14.3

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

Backlite™ Series

DLC 5.1 Premium

30w / 40w / 50w



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	E2 ER Driver 8w	Hanging kit (iron wire 1m) AL674902 2 x 2 AL674901 1 x 4 & 2 x 4 Frame for Surface mount AL674902 2 x 2 AL674903 1 x 4 AL674904 2 x 4 Drywall Recessed Clips kit AL674921 2 x 2 AL674922 1 x 4 / 2 x 4
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



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- Lumens**
130LXW
- DIM**
0-10V
- CCT**
Selectable
- Power**
Selectable
- CRI**
80
-
- SDCM**
<7
- UGR**
≤22
- 1kV**
Surge Protector
- VOLTS**
120-277
- PF**
>.90
- THD**
<15%
-
-
- 6 YEAR**
Warranty

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.

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	Selectable Power	Size (mm)	Selectable CCT	Lumens	Options	Accessories		
AL674941	20w/25w/30w	603x603x33	35K/4K/5K	2600/3250/3900	E2 ER Driver 8w	Hanging kit (iron wire 1m) AL674900 2 x 2 AL674901 1 x 4 & 2 x 4 Frame for Surface mount AL674902 2 x 2 AL674903 1 x 4 AL674904 2 x 4 Drywall Recessed Clips kit AL674921 2 x 2 AL674922 1 x 4 / 2 x 4		
AL674942	20w/25w/30w	603x603x33	3K/4K/65K	2600/3250/3900				
AL674981	20w/25w/30w	603x603x33	4K/5K/65K	2600/3250/3900				
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				
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 hightest 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



Lumens
110LXW

DIM
0-10V

CCT
3-65K

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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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
AL674905	30w	603x603x33	3000K	3300	E2 ER Driver 8w	Hanging kit (iron wire 1m) AL674900 2 x 2 AL674901 1 x 4 & 2 x 4 Frame for Surface mount AL674902 2 x 2 AL674903 1 x 4 AL674904 2 x 4 Drywall Recessed Clips kit AL674921 2 x 2 AL674922 1 x 4 / 2 x 4
AL674906	30w	603x603x33	4000K	3300		
AL674907	30w	603x603x33	5000K	3300		
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%
-
-
- 6 YEAR**
Warranty

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!

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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/30w/40w or 30w/40w/50w and Selectable CCT, from 3500K up to 6500K with a minimum of CRI 80 and 60,000 hours. Also available in Single Power 50w.

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	Selectable		Selectable		Options	Accessories	
	Power	Size (mm)	CCT	Lumens			
AL674947	20w/30w/40w	603x603x33	35K/4K/5K	2200/3300/4400	E2 ER Driver 8w	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 Clips 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	Size (mm)	Selectable CCT	Lumens			
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)	Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 15 x 63.5	0.0585	8	2x2 Frame	20	66 x 30 x 17	0.0336	12.3
1x4	4	122.5 x 15 x 33.5	0.0615	8.5	1x4 Frame	20	124 x 30 x 17	0.0632	13
2x4	4	122.5 x 15 x 63.5	0.1166	15	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.