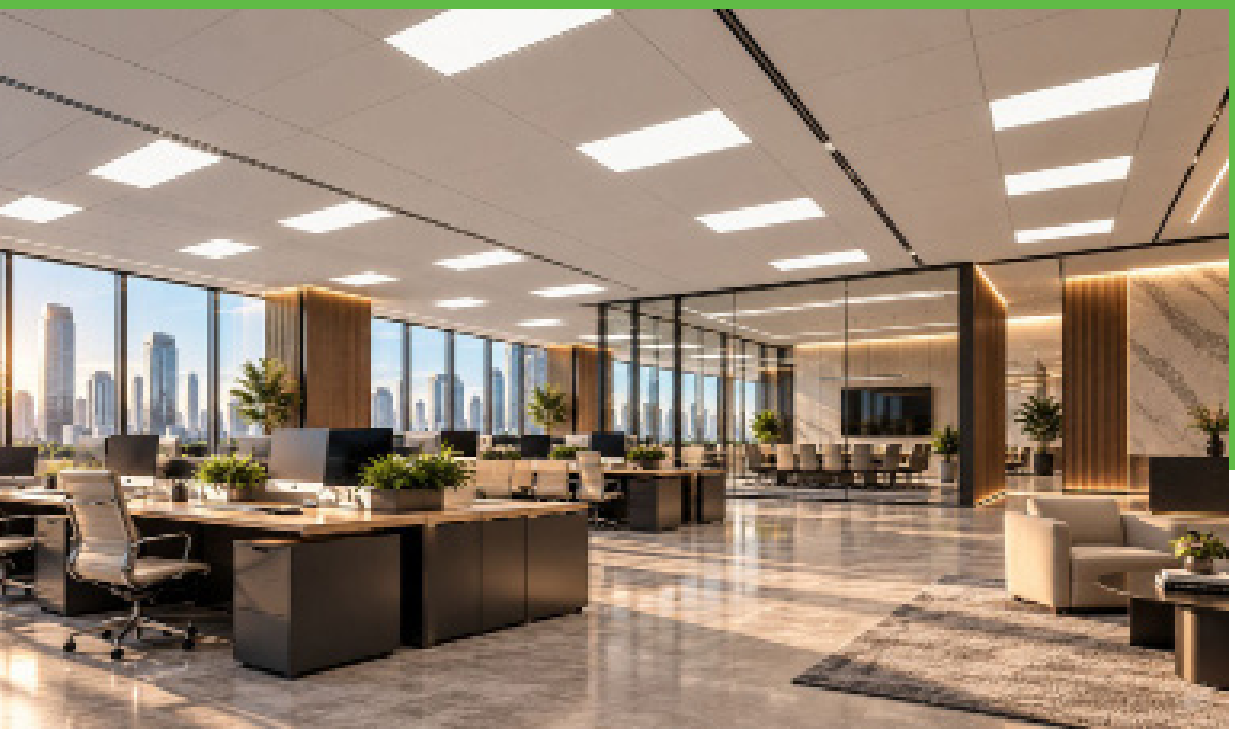

LED

UL Backlite™ Panel

americanlite®

We light your world™

10.16.2026

americanlite®

Backlite™ Series

5 CCT & 5 Power Selectable

IP65

Product Overview

UL LISTED | FC | NSF | ETL Intertek 4005203 | RoHS | Wet Location | IP65 | CCT Selectable | Power Selectable | Lumens up to 145 LXW | DIM 0-10V | VOLTS 120-277 | 1kV Surge Protection | PF .90 | THD <15% | 112° Beam | CRI 80 | UGR <22 | SDCM <7 | -20°~+45°C | 60,000 | 6 YEAR Warranty

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 145 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 (<15%) and high power factor (>0.90). Fully UL listed, 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
AL774950	20w	603x603x37	3K/35K/4K/5K/65K	2780/2860/2900/2880/2780
	25w	603x603x37	3K/35K/4K/5K/65K	3450/3550/3600/3575/3450
	30w	603x603x37	3K/35K/4K/5K/65K	4110/4230/4290/4260/4110
	35w	603x603x37	3K/35K/4K/5K/65K	4760/4900/4970/4935/4760
	40w	603x603x37	3K/35K/4K/5K/65K	5400/5560/5640/5600/5400
AL774951	20w	303x1213x37	3K/35K/4K/5K/65K	2780/2860/2900/2880/2780
	25w	303x1213x37	3K/35K/4K/5K/65K	3450/3550/3600/3575/3450
	30w	303x1213x37	3K/35K/4K/5K/65K	4110/4230/4290/4260/4110
	35w	303x1213x37	3K/35K/4K/5K/65K	4760/4900/4970/4935/4760
	40w	303x1213x37	3K/35K/4K/5K/65K	5400/5560/5640/5600/5400
AL774952	30w	603x1213x37	3K/35K/4K/5K/65K	4170/4290/4350/4320/4170
	35w	603x1213x37	3K/35K/4K/5K/65K	4830/4970/5040/5005/4830
	40w	603x1213x37	3K/35K/4K/5K/65K	5480/5640/5720/5680/5480
	45w	603x1213x37	3K/35K/4K/5K/65K	6120/5300/6390/6345/6120
	50w	603x1213x37	3K/35K/4K/5K/65K	6750/6950/7050/7000/6750
AL774953	30w	603x1213x37	3K/35K/4K/5K/65K	4170/4230/4320/4260/4170
	40w	603x1213x37	3K/35K/4K/5K/65K	5520/5600/5720/5640/5520
	50w	603x1213x37	3K/35K/4K/5K/65K	6850/6950/7100/7000/6850
	60w	603x1213x37	3K/35K/4K/5K/65K	8160/8280/8460/8340/8160
	72w	603x1213x37	3K/35K/4K/5K/65K	9720/9864/10080/9936/9720

Options

E2 ER Driver 8w

Accessories

Hanging kit (iron wire 1m)

AL674900 2 x 2
AL674901 1 x4 & 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

Remote Control

AL674999

Notes

- Lumen & Power tolerance up to 10%
- Lumens: up to 145 lxw @4000K
  up to139 lxw @3000K / up to143 lxw @3500K
  up to144 lxw @5000K / up to139 lxw @6500K
- Height 36mm / 37mm including driver
- UL Listed. Conforms to UL1598
- NSF/ANSI 2 report issued by Intertek (ETL)
- ER Driver part # STB34E-08WLi-55
- ER Drivers are pre-installed
- Remote Control Part # HD06R
- ANSI C82.77 Surge Protection: withstands up to 2.5kV Ring Wave
- Flicker <30%
- Output Voltage:
  40w = 36-43V
  50w = 36-43V
  72w = 41-48V

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 16.5 x 63.5	0.0585	8.7
2x4	4	122.5 x 16.5 x 63.5	0.1166	14.5
1x4	4	122.5 x 16.5 x 33.5	0.0615	8.5

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
1x4 Frame	20	124 x 30 x 17	0.0632	16.5

americanlite®

Backlite™ Series

5 CCT & 5 Power Selectable
Up to 145 lumens x watt

LISTED | FC | NSF | Intertek 4005203 | RoHS | Damp Location | CCT Selectable | Power Selectable | Lumens up to 145 LXW | DIM 0-10V | VOLTS 120-277 | 1kV Surge Protection | PF .90 | THD <15% | 112° Beam Angle | CRI 80 | UGR <22 | SDCM <7 | -20°~+45°C | 60,000 | 6 YEAR Warranty

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 145 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 (<15%) and high power factor (>0.90). Fully UL listed, 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
AL774900	20w	603x603x35	3K/35K/4K/5K/65K	2780/2860/2900/2880/2780
	25w	603x603x35	3K/35K/4K/5K/65K	3450/3550/3600/3575/3450
	30w	603x603x35	3K/35K/4K/5K/65K	4110/4230/4290/4260/4110
	35w	603x603x35	3K/35K/4K/5K/65K	4760/4900/4970/4935/4760
	40w	603x603x35	3K/35K/4K/5K/65K	5400/5560/5640/5600/5400
AL774901	20w	303x1213x35	3K/35K/4K/5K/65K	2780/2860/2900/2880/2780
	25w	303x1213x35	3K/35K/4K/5K/65K	3450/3550/3600/3575/3450
	30w	303x1213x35	3K/35K/4K/5K/65K	4110/4230/4290/4260/4110
	35w	303x1213x35	3K/35K/4K/5K/65K	4760/4900/4970/4935/4760
	40w	303x1213x35	3K/35K/4K/5K/65K	5400/5560/5640/5600/5400
AL774902	30w	603x1213x35	3K/35K/4K/5K/65K	4170/4290/4350/4320/4170
	35w	603x1213x35	3K/35K/4K/5K/65K	4830/4970/5040/5005/4830
	40w	603x1213x35	3K/35K/4K/5K/65K	5480/5640/5720/5680/5480
	45w	603x1213x35	3K/35K/4K/5K/65K	6120/5300/6390/6345/6120
	50w	603x1213x35	3K/35K/4K/5K/65K	6750/6950/7050/7000/6750
AL774903	30w	603x1213x35	3K/35K/4K/5K/65K	4170/4230/4320/4260/4170
	40w	603x1213x35	3K/35K/4K/5K/65K	5520/5600/5720/5640/5520
	50w	603x1213x35	3K/35K/4K/5K/65K	6850/6950/7100/7000/6850
	60w	603x1213x35	3K/35K/4K/5K/65K	8160/8280/8460/8340/8160
	72w	603x1213x35	3K/35K/4K/5K/65K	9720/9864/10080/9936/9720

Options

E2 ER Driver 8w
MW Microwave Sensor

Accessories

Hanging kit (iron wire 1m)
AL674900 2 x 2
AL674901 1 x4 & 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

Remote Control
AL674999

Notes

- Lumen & Power tolerance up to 10%
- Lumens: up to 145 lxw @4000K
  up to139 lxw @3000K / up to143 lxw @3500K
  up to144 lxw @5000K / up to139 lxw @6500K
- Height 34.8mm / 35mm including driver
- UL Listed. Conforms to UL1598
- NSF/ANSI 2 report issued by Intertek (ETL)
- ER Driver part # STB34E-08WLi-55
- ER Drivers are pre-installed
- 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
  50w = 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
1x4	4	122.5 x 15 x 33.5	0.0615	8.3

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
1x4 Frame	20	124 x 30 x 17	0.0632	16.5

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Backlite™ Series

5 CCT & 5 Power Selectable
Up to 130 lumens x watt

UL LISTED | FC | NSF | Intertek 4005203 | RoHS | Damp Location | CCT Selectable | Power Selectable | Lumens up to 130 LXW | DIM 0-10V | VOLTS 120-277 | 1kV Surge Protection | PF .90 | THD <15% | 112° Beam Angle | CRI 80 | UGR <22 | SDCM <7 | -20°~+45°C | 60,000 | 6 YEAR Warranty

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 (<15%) and high power factor (>0.90). Fully UL listed, 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
AL674994	20w	603x603x35	3K/35K/4K/5K/65K	2480/2560/2600/2580/2480
	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	20w	303x1213x35	3K/35K/4K/5K/65K	2480/2560/2600/2580/2480
	25w	303x1213x35	3K/35K/4K/5K/65K	3075/3175/3225/3200/3075
	30w	303x1213x35	3K/35K/4K/5K/65K	3660/3780/3840/3810/3660
	35w	303x1213x35	3K/35K/4K/5K/65K	4235/4375/4445/4410/4235
	40w	303x1213x35	3K/35K/4K/5K/65K	4800/4960/5040/5000/4800
AL674996	30w	603x1213x35	3K/35K/4K/5K/65K	3720/3840/3900/3870/3720
	35w	603x1213x35	3K/35K/4K/5K/65K	4305/4445/4515/4480/4305
	40w	603x1213x35	3K/35K/4K/5K/65K	4880/5040/5120/5080/4880
	45w	603x1213x35	3K/35K/4K/5K/65K	5445/5625/5715/5670/5445
	50w	603x1213x35	3K/35K/4K/5K/65K	6000/6200/6300/6250/6000
AL674997	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

Options

E2 ER Driver 8w
MW Microwave Sensor

Accessories

Hanging kit (iron wire 1m)
AL674900 2 x 2
AL674901 1 x4 & 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

Remote Control
AL674999

Notes

- Lumen & Power tolerance up to 10%
- Lumens: 2x2 / 2x4 / 1x4 up to 130 lxw
  2x4 (higher power configuration) up to 118 lxw
- Height 34.8mm / 35mm including driver
- UL Listed. Conforms to UL1598
- AL674994, AL674995, & AL674996 comply with DLC 6.0
- NSF/ANSI 2 report issued by Intertek (ETL)
- ER Driver part # STB34E-08WLi-55
- ER Drivers are pre-installed
- 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
  50w = 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
1x4	4	122.5 x 15 x 33.5	0.0615	8.3

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
1x4 Frame	20	124 x 30 x 17	0.0632	16.5

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Backlite™ Series

DLC 5.1 Premium

30w / 40w / 50w

UL LISTED	DLC LISTED	NSF
ETL Intertek 4005203	RoHS	Damp Location
Lumens 130LXW	DIM 0-10V	CCT 3-65K
CRI 80	120° Beam Angle	SDCM <4
UGR ≤22	1kV Surge Protection	VOLTS 120-277
PF >.90	THD <15%	-20°~+40°C
60,000	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
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

Options

E2 **E**R Driver 8w

Accessories

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

Notes

- Lumen tolerance +- 5%
- Height 31.5mm / 33mm including driver 36mm with ER driver
- Output Voltage 36-43VDC
- NSF/ANSI 2 report issued by Intertek (ETL)
- ER Driver = STB34E-08WLi-55
- ER Drivers are pre-installed
- 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

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Backlite™ Series

DLC 5.1 Standard
CCT & Power Selectable

UL LISTED | DLC LISTED | NSF | Intertek 4005203 | RoHS | Damp Location

CCT Selectable | Power Selectable | Lumens 130 LXW

DIM 0-10V | VOLTS 120-277 | 1kV Surge Protection

PF >.90 | THD <15% | 120° Beam Angle

CRI 80 | UGR ≤22 | SDCM <7

-20°~+40°C | 60,000 | 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
AL674941	20w/25w/30w	603x603x33	35K/4K/5K	2600/3250/3900
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

Options

E2 ER Driver 8w

Accessories

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

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
- NSF/ANSI 2 report issued by Intertek (ETL)
- ER Driver = STB34E-08WLi-55
- ER Drivers are pre-installed
- 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

americanlite®

Backlite™ Series

30w / 40w / 50w

UL LISTED	NSF	ETL intertek 4005203
RoHS	Damp Location	Lumens 110LXW
DIM 0-10V	CCT 3-65K	CRI 80
120° Beam Angle	SDCM <5	UGR ≤22
1kV Surge Protection	VOLTS 120-277	PF >.90
THD <15%	-20°~+40°C	60,000
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
AL674905	30w	603x603x33	3000K	3300
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

Options

E2 ER Driver 8w

Accessories

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

Notes

- Lumen tolerance up to 10%
- Height 31.5mm / 33mm including driver 36mm with ER driver
- Output Voltage 36-43VDC
- NSF/ANSI 2 report issued by Intertek (ETL)
- ER Driver = STB34E-08WLi-55
- ER Drivers are pre-installed
- 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

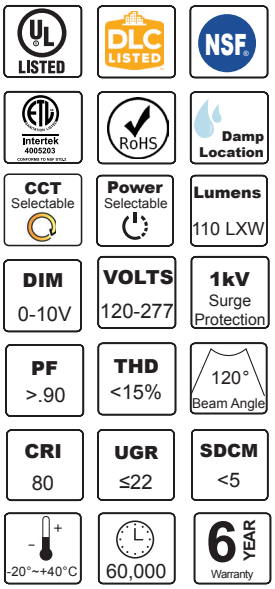
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	61.5 x 15 x 63.5	0.0585	8
1x4	4	122.5 x 15 x 33.5	0.0615	8.5
2x4	4	122.5 x 15 x 63.5	0.1166	15

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

americanlite®

Backlite™ Series

CCT & Power Selectable



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/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 Power	Size (mm)	Selectable CCT	Lumens
AL674947	20w/30w/40w	603x603x33	35K/4K/5K	2200/3300/4400
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
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
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

Options

E2 ER Driver 8w

Accessories

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

Notes

- Lumen & Power tolerance up to 10%
- Height 31.5mm / 33mm including driver 36mm with ER driver
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- 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
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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.