LED®

Healthcare Panels

americanlite®

We light your world™

UL LISTED · DLC PREMIUM · IP54 Rated · Damp Location · FC

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Cleanroom™ 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

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Product Overview

Cleanroom Pro™ Series

DLC 5.1 Premium
IP65

IP65 | Wet Location | FC | UL LISTED | DLC LISTED PREMIUM | RoHS | NSF | Intertek 4005203 | TM21 | LM80 | LM79 | Lumens 130 lxw | DIM 0-10V | VOLTS 120-277 | CCT 3K-65K | CRI 80 | 120° Beam Angle | SDCM <5 | UGR <22 | PF >.90 | THD <15% | -20°~+40°C | 70,000 | 7 YEAR Warranty

The lighting needs of specialized healthcare environments go far beyond simple illumination. Today's healthcare fixtures must be sealed to support infection control, minimize particulate intrusion, and prevent electromagnetic interference (EMI) with sensitive medical equipment. To meet these challenges, Americanlite® has elevated performance standards by creating innovative healthcare lighting solutions that deliver reliability, precision, and durability in the most demanding settings.

Americanlite® UL-listed, IP65-rated front + Wet Location panels combine premium performance with refined aesthetics. Engineered with state-of-the-art solid-state components and advanced electronic driver technology, they are ideal for healthcare, pharmaceutical, food processing, and other environments where cleanliness and protection are critical. The IP65-rated front enclosure offers complete protection against dust ingress and low-pressure water jets, making the luminaire suitable for installation in controlled environments with elevated cleanliness requirements, including areas designed to meet ISO 14644 Class 6, 7, or 8 standards.

The narrow aluminum frame is tightly secured to the panel body to protect LEDs and optical surfaces. Seamless corners and a narrow flange maximize the light-emitting surface while providing a clean, finished appearance. A precision-molded light guide, 1.0 mm thick, is engineered to optimize light extraction and deliver excellent efficiency. The white frost lens offers uniform illumination with high resistance to scratches and impact. A UL Class 2, 0–10V dimmable driver ensures smooth dimming and long-term reliability, while the sealed construction maintains consistent performance in challenging environments.

Constructed from premium-grade components, these luminaires are FCC and RoHS compliant, and tested to IESNA LM-79 and LM-80 standards with TM21 lifetime projections. From MRI suites to corridors, patient rooms, and beyond, Americanlite® fixtures deliver performance you can specify with complete confidence.

Ordering information

Item	Power	Size (mm)	CCT	Lumens
AL684900	40w	603x603x35	3000K	5200
AL684901	40w	603x603x35	4000K	5200
AL684902	40w	603x603x35	5000K	5200
AL684903	40w	603x603x35	6500K	5200
AL684904	40w	303x1213x35	3000K	5200
AL684905	40w	303x1213x35	4000K	5200
AL684906	40w	303x1213x35	5000K	5200
AL684907	40w	303x1213x35	6500K	5200
AL684908	50w	603x1213x35	3000K	6500
AL684909	50w	603x1213x35	4000K	6500
AL684910	50w	603x1213x35	5000K	6500
AL684911	50w	603x1213x35	6500K	6500

Options

E3 ER Driver 7w

Notes

- Complies with UL1598 & UL8750
- Backlite Front = IP65 + Wet Location
- Backlite Back = Damp Location
- L80 > 70,000 hours
- NSF/ANSI 2 report issued by Intertek
- FCC (USA) its equivalent to EMC (Europe) Certificate
- FCC =EMC (EMI+EMS)+Surge Test
- ER Driver = BLD-YT08D-056
- With ER Driver: Height = 38mm
- LED Chips = Samsung 2835 LM282T+
- Lumen tolerance +- 5%
- Height 31.5mm / 33mm including driver.

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	66 x 14.5 x 66.5	0.0636	10
1x4	4	127 x 14.5 x 37	0.0681	10.5
2x4	4	127 x 14.5 x 66.5	0.1224	18.5

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Product Overview

Cleanroom™ Series

DLC 5.1 Premium

IP54 Rated	Damp Location	FC
UL LISTED	DLC LISTED PREMIUM	RoHS
NSF	Intertek 4005203	TM21
LM80	LM79	Lumens 130 lxw
DIM 0-10V	VOLTS 120-277	CCT 3K-65K
CRI 80	120° Beam Angle	SDCM <5
UGR <22	PF >.90	THD <15%
-20°~+40°C	70,000	7 YEAR Warranty

The functional requirements of specialized healthcare environments often determine their lighting needs. Yet today's healthcare lighting must perform beyond effective illumination—from being sealed for infection control to preventing electromagnetic interference (EMI) with sensitive medical equipment. To meet these critical needs, Americanlite® has raised the performance bar by consistently creating innovative healthcare lighting that meets—and often exceeds—the most demanding performance standards.

Americanlite® UL, IP54 + Damp location Panels provide premium performance and pleasing aesthetics. Developed with the latest generation of solid state-of-the-art components and electronic driver technologies, making them ideal for healthcare, pharmaceutical, and food processing facilities.

Narrow aluminum frame is tightly held to panel body to protect the LEDs and optical area. Corners are seamless with a narrow flange to provide a refined finish and maximize the light emitting surface. Light guide is constructed of PS with 1.0 mm thickness with specialized features to optimize light extraction providing excellent efficiency. White frost lens with smooth pattern provides uniform illumination as well as scratch and impact resistance. UL 0-10V Dimmable driver, Class 2 output Suitable for Damp location to ensure protection sufficient to prevent the product from operating normally. The product is fully protected against solid objects and splashing of water from any angle under Damp location / IP54 standards.

Constructed of state pf the art components these indoor luminaires are FCC & RoHS compliant, Suitable for Damp location and comply with IESNA LM-79 and LM-80 standards with TM21 results.

From MRI suites to corridors and patient rooms and everything in between, you can specify Americanlite® fixtures with complete confidence.

Ordering information

Item	Power	Size (mm)	CCT	Lumens
AL674956	40w	603x603x33	3000K	5200
AL674957	40w	603x603x33	4000K	5200
AL674958	40w	603x603x33	5000K	5200
AL674959	40w	603x603x33	6500K	5200
AL674960	40w	303x1213x33	3000K	5200
AL674961	40w	303x1213x33	4000K	5200
AL674962	40w	303x1213x33	5000K	5200
AL674963	40w	303x1213x33	6500K	5200
AL674964	50w	603x1213x33	3000K	6500
AL674965	50w	603x1213x33	4000K	6500
AL674966	50w	603x1213x33	5000K	6500
AL674967	50w	603x1213x33	6500K	6500

Options

E2 ER Driver 8w

Notes

- Complies with UL1598 & UL8750
- Backlite Front = IP54 + Damp Location
- Backlite Back = Damp Location
- L80 > 70,000 hours
- NSF/ANSI 2 report issued by Intertek
- FCC (USA) its equivalent to EMC (Europe) Certificate
- FCC =EMC (EMI+EMS)+Surge Test
- ER Driver = BLD-YT08D-056
- LED Chips = Samsung 2835 LM282T+
- Lumen tolerance +- 5%
- Height 31.5mm / 33mm including driver.
- ER Drivers ship separately, not pre-installed

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
2x2	4	66 x 14.5 x 66.5	0.0636	10
1x4	4	127 x 14.5 x 37	0.0681	10.5
2x4	4	127 x 14.5 x 66.5	0.1224	18.5

Warranty

Americanlite® is pleased to provide a 7 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.