



LED®

Healthcare Panels

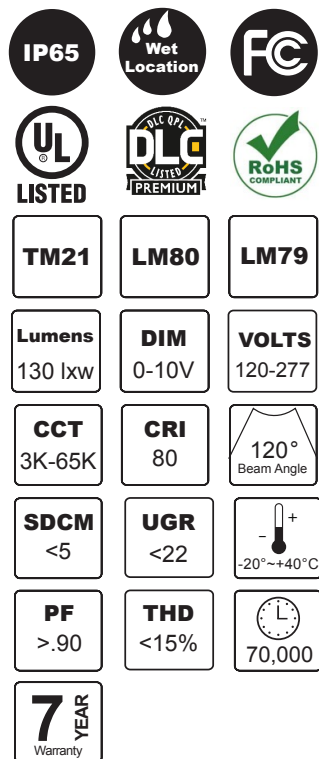
americanlite®

We light your world™



Cleanroom Pro™ Series

**DLC 5.1 Premium
IP65**



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	Options
AL684900	40w	603x603x33	3000K	5200	E3 ER Driver 7w
AL684901	40w	603x603x33	4000K	5200	
AL684902	40w	603x603x33	5000K	5200	
AL684903	40w	603x603x33	6500K	5200	
AL684904	40w	303x1213x33	3000K	5200	
AL684905	40w	303x1213x33	4000K	5200	
AL684906	40w	303x1213x33	5000K	5200	
AL684907	40w	303x1213x33	6500K	5200	
AL684908	50w	603x1213x33	3000K	6500	
AL684909	50w	603x1213x33	4000K	6500	
AL684910	50w	603x1213x33	5000K	6500	
AL684911	50w	603x1213x33	6500K	6500	

Notes

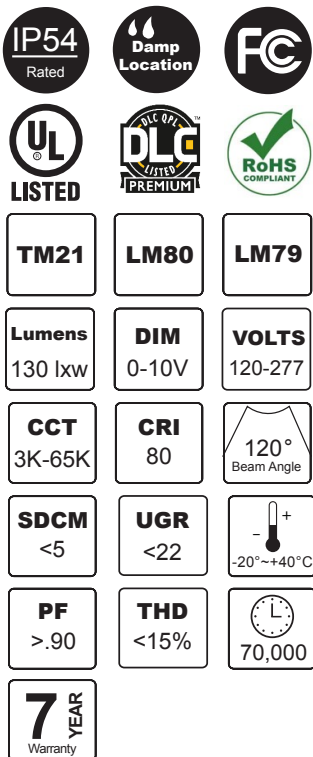
- Complies with UL1598 & UL8750
- Backlite Front = IP65 + Wet Location
- Backlite Back = Damp Location
- L80 > 70,000 hours
- FCC (USA) its equivalent to EMC (Europe) Certificate
- FCC =EMC (EMI+EMS)+Surge Test
- ER Driver = BLD-YT08D-056
- LED Chips = Samsung 2835 LM282T+
- Lumen tolerance +- 5%
- Height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

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

Cleanroom™ Series

DLC 5.1 Premium



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 of 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	Options
AL674956	40w	603x603x33	3000K	5200	E2 ER Driver 8w
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	

Notes

- Complies with UL1598 & UL8750
- Backlite Front = IP54 + Damp Location
- Backlite Back = Damp Location
- L80 > 70,000 hours
- 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.