



Healthcare Panels

americanlite[®]

We light your world[™]



Cleanroom™ Series

DLC 4.4 Backlite Pro™



IP54 Rated	Damp Location	FC
UL LISTED	DLC 4.4 PREMIUM	RoHS COMPLIANT
TM21	LM80	LM79
Lumens 125 lxw	DIM 0-10V	VOLTS 120-277
CCT 3K-65K	CRI 80	120° Beam Angle
SDCM <5	UGR <22	-20°~+40°C
PF >.90	THD <15%	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 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	603x603x39	3000K	5000	E1 ER 4w AL585005
AL674957	40w	603x603x39	4000K	5000	E2 ER 8w AL585008
AL674958	40w	603x603x39	5000K	5000	
AL674959	40w	603x603x39	6500K	5000	
AL674960	40w	303x1213x39	3000K	5000	
AL674961	40w	303x1213x39	4000K	5000	
AL674962	40w	303x1213x39	5000K	5000	
AL674963	40w	303x1213x39	6500K	5000	
AL674964	50w	603x1213x39	3000K	6250	
AL674965	50w	603x1213x39	4000K	6250	
AL674966	50w	603x1213x39	5000K	6250	
AL674967	50w	603x1213x39	6500K	6250	

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
- LED Chips = Samsung 2835 LM282T+
- Lumen tolerance +/- 5%
- Height 31.5mm / 39mm 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	66.5 x 16 x 67	0.0712	10
1x4	4	127.5 x 16 x 37	0.0754	10.5
2x4	4	127.5 x 16 x 67	0.1366	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.