



82L VAPOR TIGHT

SPECIFICATION SHEET

OVERVIEW

Architectural luminaires proudly built in America since 1935. The 82L is a linear NSF rated vapor tight perfect for any wet location or food prep areas. Multiple lumen packages available with custom capabilities as well up to 2000 lumens per foot. Multiple lens and clip options to choose from. Suitable for ambient temperatures up to 55°C when using normal output.

KEY FEATURES

- **BABA Compliant**
Hand crafted in California
- **L70>72,000 hours**
High quality electrical components
- **NEMA 4X & NSF**
Certification/Rating
- **<3SDMC consistency**
Uniform color consistency
- **116 Lumens per watt**
Efficient performance delivered

DETAILS



01 Housing

Wide UL5VA fiberglass that will not burn or melt. 100% impact modified frosted acrylic lens, or ribbed polycarbonate lens. Clear lens optionally available.

02 Electrical

Integral 120/277V FCC driver standard. If 0-10V dimming is specified 100-1% is standard. Integral battery backups are also available.

03 LED Array

High quality Samsung chips, delivering 116 lumens per watt on the system level, mounted on an aluminum heatsink for thermal management.

04 Mounting options

Surface, direct or drop rod



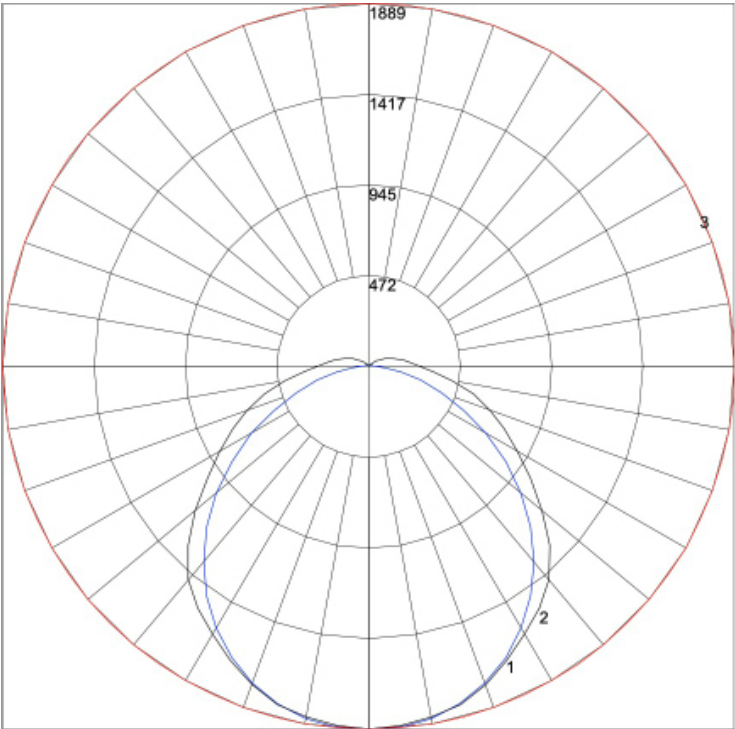
BUILD A PART NUMBER

• SERIES	• LIGHT OUTPUT	• CCT	• LENGTH IN INCHES	• LENS TYPE	• STANDARD OPTIONS
• 82L					
• 82L	• N NORMAL • H HIGH • V VERY HIGH	• 30K • 35K • 40K • 45K • 50K	• 24" NOM. • 48" NOM. • 96 NOM.	• 2 = SMOOTH FROSTED ACRYLIC • 3 = RIBBED FROSTED PLOCARBONATE	• SS STAINLESS STEEL LENS BRACKET LATCH • MB MOUNTING BRACKET FOR SURFACE MOUNT • MBA WALL MOUNTING BRACKET 45 DEGREE • MBP PENDANT MOUNTING BRACKET FOR 3/8" DROP ROD • MBC CABLE SUSPENDED MOUNTING BRACKET • EM10* 10W BATTERY BACKUP FOR 1160 LUMEN • EM14* 14W BATTERY BACKUP FOR 1600 LUMENS • MS INTEGRAL MICROWAVE SENSOR • SD50 INTEGRAL MICROWAVE SENSOR DIMS 50% WHEN UNOCCUPIED • H&G 3" HOLE AND 4" GASKET ON BACK

CERTIFICATION / WARRANTY



PHOTOMETRIC PERFORMANCE



• [IES File link](#)

• LENGTH	• WATTAGE	• LUMENS
• 24" NORMAL	• 17.9	• 2085
• 48" NORMAL	• 35.81	• 4171
• 24" HIGH	• 26	• 2979
• 48" HIGH	• 51.16	• 5958
• 24" VERY HIGH	• 35	• 4060
• 48" VERY HIGH	• 70	• 8120

LENSES



LINEAL RIBBED FROSTED POLYCARBONATE (RIGHT) (LOW PROFILE)

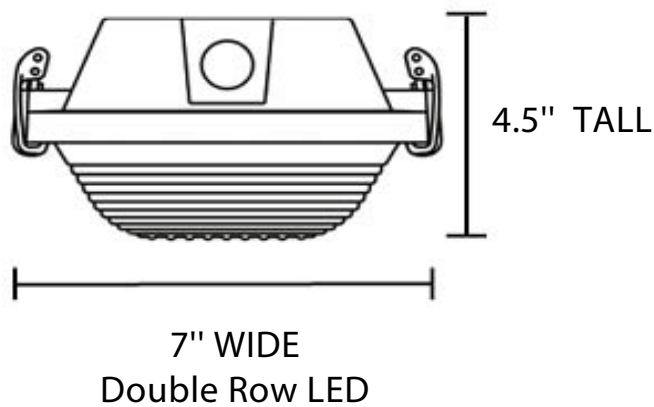
- BEST FOR OBSCURING THE LED BOARD
- 100% IMPACT MODIFIED
- BEST IN AREAS WITH UV EXPOSURE OR WHERE CHEMICALS ARE PRESENT

SMOOTH FROSTED ACRYLIC (LEFT) (LOW PROFILE)

- BEST SHALLOW LENS FOR LED BOARDS AND LIGHT DISTRIBUTION
- UV STABILIZED
- BEST IN EXTREME TEMPERATURES AND HIGH ABUSE ENVIRONMENTS

LATCHES

- CAPTIVE, AFFIXED TO THE HOUSING THEREFORE WILL NOT FALL OFF. TAMPER PROOF WHEN USING SCREWS AVAILABLE IN
- WHITE POM
- MARINE GRADE 316- STAINLESS STEEL

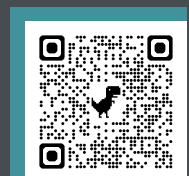


CONTACT US!

www.airey-thompson.com

Phone: 800-421-6196

Email: contact_us@aireythompson.com



• 82L-CUT-25B