



AIREY-THOMPSON™
Manufacturing Quality Luminaires

**82L WIDE SERIES LED
 LINEAR NSF RATED
 VAPOR TIGHT**

DROP ROD / SURFACE MOUNT

MADE IN USA



NEMA 4X



**COLOR
 CONSISTENCY
 <3 SDMC**

L70>72,000

80+CRI

90+AVAIL.



**116 LUMENS
 PER WATT**



Intertek



120/277v



Integral Driver



**HANDCRAFTED
 IN THE USA**

3X

Normal / High / CUSTOM

**Light
 Levels
 Available**



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How to build a part number	Product Series	Light Output	Color Temperature	Length in Inches	Lens Type	Typical extra charge options Suffix part # as required in the sequence below
Part number format	82L	H	40K	48	-3	-SS -EM10
Choices	82L	N (Normal) H (High) (Custom): Specify lumens**	35K 40K 50K	24" Nom. 48" Nom. 96" Nom.	-2= Smooth Frosted ACR -3= Ribbed Frosted PC	-SS Stainless steel lens latch upgrade -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 up to 1160 lumens -EM14* 14W battery backup for up to 1600 lumens -MS Integral microwave sensor -SD50 Integral microwave sensor that dims to 50% when unoccupied -H&G 3" hole and 4" Gasket on back

* battery backups are mounted inside the sealed fixture
 **up to 2000LM/FT

CONSTRUCTION: Wide UL5VA fiberglass housing will not melt or burn. 100% impact modified frosted acrylic lens.

VOLTAGE: Equipped with integral 120/277v FCC approved driver, 10% 0-10v dimmable standard, other options maybe available.

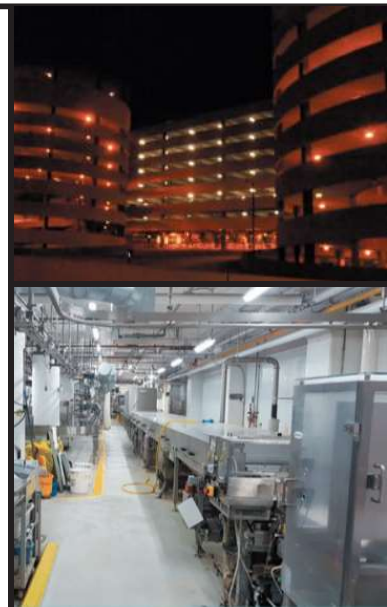
MOUNTING: 4 Mounting type brackets optionally available

CERTIFICATIONS: NSF, NEMA 4X, IP65, IP66, IP67, ROHS, ETL.

WARRANTY: 5 year limited warranty, see Airey-Thompson distributor terms and conditions for more details

FEATURES AND BENEFITS

- Ideal for:
- warehouses, parking structures, cold storage, outdoor structures, food processing, offshore and more
- Strong UL5VA fiberglass housing holds up in harsh weather conditions
- Impact modified, frosted acrylic lens standard, optionally available with ribbed frosted polycarbonate lens
- Poured in place, closed cell foam gasket
- Extremely efficient LED's with integral 120/277V driver
- Several lumen/wattage packages to chose from (SEE LUMEN CHART BELOW FOR DETAILS, FACTORY IS HAPPY TO DISCUSS YOUR UNIQUE LUMEN REQUIREMENTS).
- NSF compliant making this ideal for food processing facilities.
- IP65, IP66, and IP67 rated, ETL



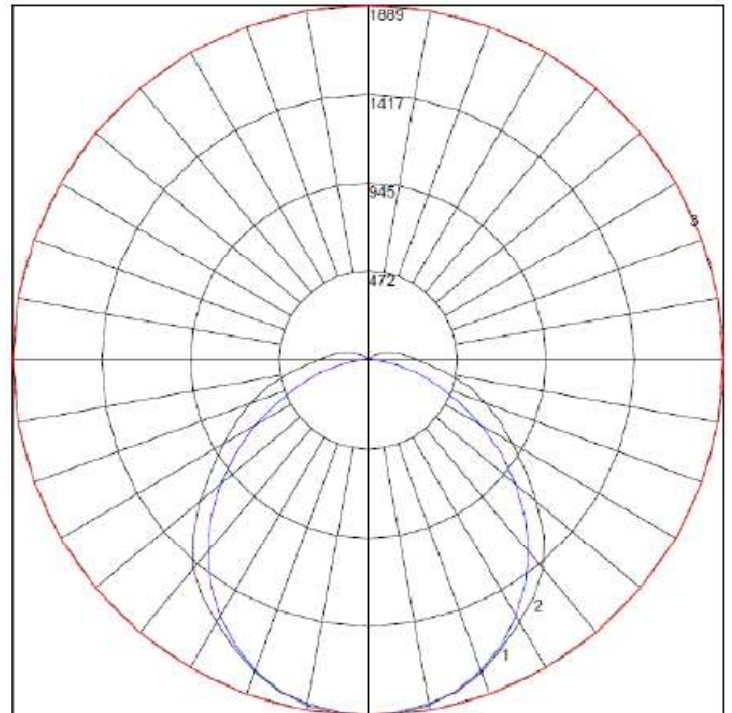
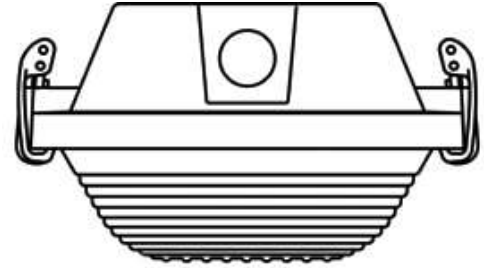
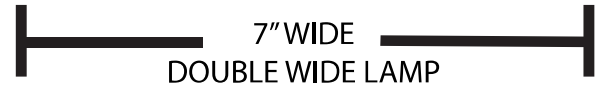


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Polar Graph for 82LH40K48-2



FIXTURE PERFORMANCE			
OAL LENGTH	FIXTURE WATTAGE	LUMENS	OUTPUT
48"	35.81	4171	NORMAL
48"	51.16	5958	HIGH
24"	26	3000	HIGH
24"	35	4000	VERY HIGH



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Lenses

- Lineal Ribbed Frosted Polycarbonate (low profile):
 - Best for obscuring the image of fluorescent or LED lamps
 - 100% impact modified
 - Best in areas with uv exposure or where chemicals are present
- Smooth frosted acrylic (low profile):
 - Best shallow lens for LED boards and overall light distribution
 - UV stableized
 - Best in extreme temperature and highabuse 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



Installation:

Fixture can be mounted in various ways direct to the ceiling, junction box, pendant
 (single or dual point), by cable or chain



Instagram



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