ALCON LIGHTING

SPECIFICATION SHEET

Shop Now

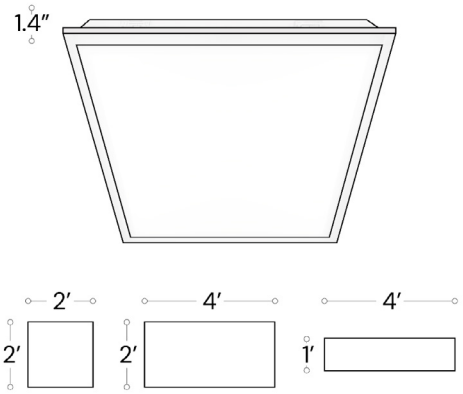
Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

The Low-Profile Wet Location LED Flat Panel Light is a fully luminous, sealed, backlit fixture built for durability, long life, and easy wipe-down maintenance. Designed to deliver uniform, glare-free illumination, its backlit construction eliminates hot spots for clean, consistent lighting. Featuring a selectable color temperature switch and a 3-position wattage selector, this fixture easily adapts to the specific needs of a wide range of environments. Ideal for medical facilities, cleanrooms, behavioral healthcare settings, food preparation areas, locker rooms, restrooms, kitchens, canopies, public spaces, high-tech manufacturing, and research labs.

FEATURES

Construction: Extruded aluminum frame with a steel back plate for efficient heat dissipation. Seamless contact between frame and back cover prevents particle transfer
Lens: Resists yellowing and light loss over time. With a standard inner lens and optional outer lenses, including durable polycarbonate
Color Temperature: 27/30/35/40/50/65K Selectable switch
Finish: White
Mounting: Recessed, Surface, and Pendant
Voltage: 120-277V
Driver: 0-10V dimming down to 10%
CRI: 80+
Operating Temperature: 14°F to 104°F
Life: 50,000 Hours
Warranty: 5 years carefree for parts & components (Labor not included)
Listing: NSF certified for food service and processing. BAA and UL listed for wet locations—only when installed in ceilings designed to resist water, dust, and contaminants, such as those recommended by NSF. Compliant with LM79, LM80, and TM21 standards. Tested to ISO 14644-1 and suitable for ISO Class 3–9 positive pressure cleanrooms, BSL 1–4 labs, and USP 797/800 environments. cETL and ETL listed



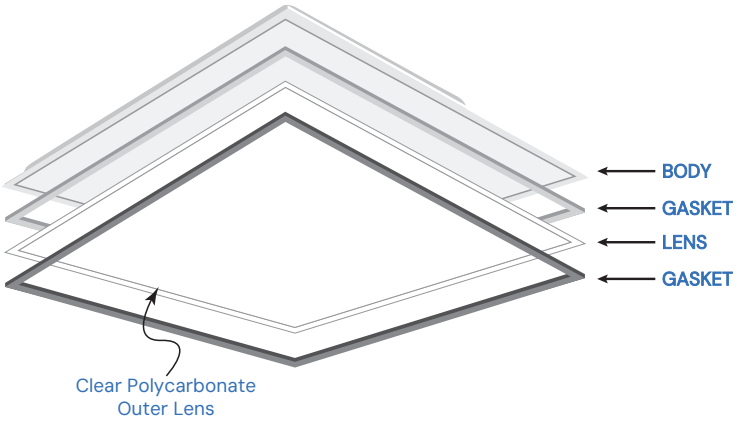
SPEC GRADE · 5 YEAR WARRANTY · WET · IP65 · IP66 · cETLus · IC RATED · NSF · BUY AMERICAN ACT COMPLIANT · BUILD AMERICA BUY AMERICA · MADE IN USA · TAA COMPLIANT · EMERGENCY BATTERY

ORDERING INFORMATION Example: 14082-R-14-12-DW-SC

Model	Mounting	Size	Outer Lens (Clear Polycarbonate)	Frame Kits	Options
14082	**R**[1] Recessed **S** Surface **P** Pendant	**14** 1x4 Foot **22** 2x2 Foot **24** 2x4 Foot	**12** 0.125 Inch **18** 0.187 Inch **25** 0.25 Inch **37** 0.375 Inch	**Blank** Not required **DW**[2] Drywall **DVR**[2,3] Drywall Vandal Resistant	**SC**[4] Security mounting clips (Grid) **XEM14** 14 Watt Emergency Battery (External) **IP65** IP65 Brackets **IP66** IP66 Brackets **TP** Tamper Proof

1 Recessed installation is standard for grid ceilings. For hard ceiling or drywall applications, a frame kit is required—please specify
2 Ships with gasket to be applied in field. Cut out dimensions 24.25" x 48.25" (2'x4'), 24.25" x 24.25"(2'x2'), and 12.25" x 48.25"(1'x4')
3 IP66 rating is standard with DVR frame kit
4 Compatible with Outer lens up to 0.250" thick

STRUCTURAL DESIGN

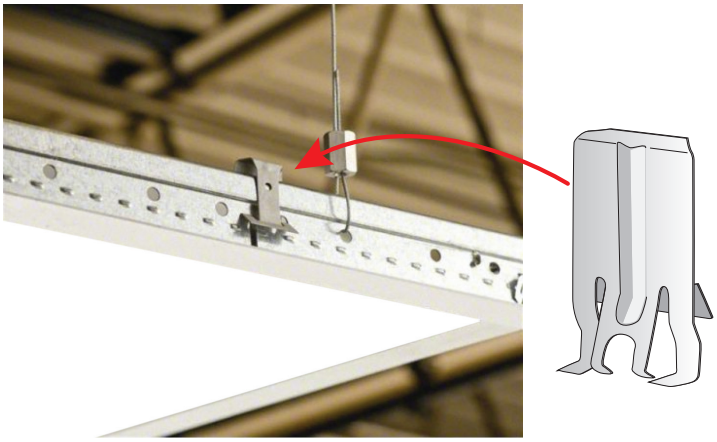


WET LOCATION:
An adhesive and closed-cell gasket are applied around the door frame perimeter. An additional gasket at the base allows the fixture to rest securely on a T-bar or drywall flange kit, ensuring a tight, moisture-resistant seal.

Medical-Grade:
Adhesive and gaskets seal the perimeter of the door frame, with added gaskets on top openings for contamination protection. A closed-cell gasket under the clear lens ensures a secure fit on a T-bar or drywall flange kit, maintaining a hygienic seal.

VANDAL RESISTANT:
An adhesive and closed-cell gasket are applied around the door frame perimeter. A base gasket provides a secure, tamper-resistant seal when mounted on a T-bar or drywall flange kit.

SECURITY MOUNTING CLIPS (Grid Installation)

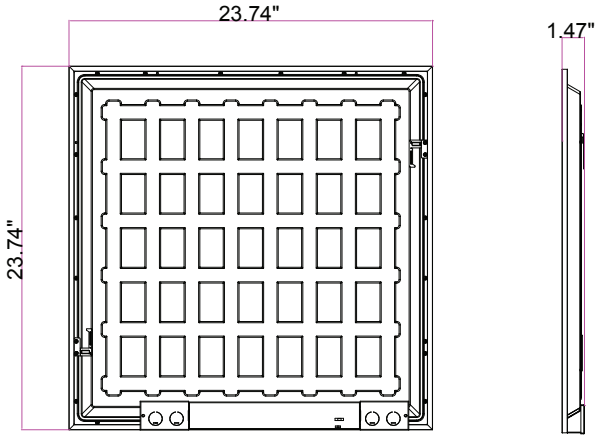


These security mounting clips are designed to secure troffers to standard or tall T-grid ceilings, including upturned or straight lip styles. Compatible with lenses up to 0.250" thick.

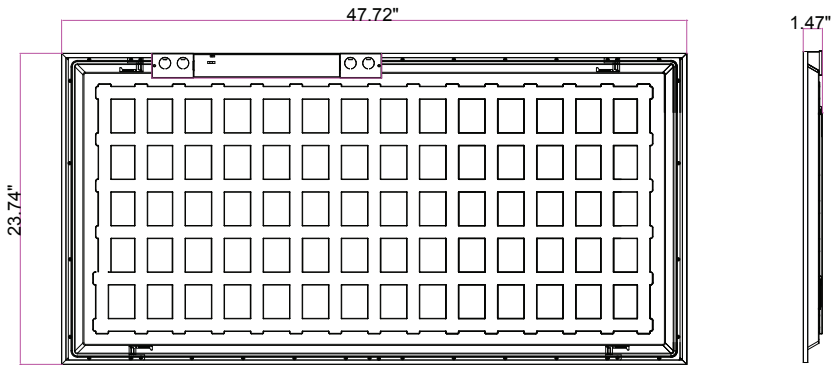
FIXED OUTPUT CHART

Size	Wattage	Lumens Max
1x4 Foot	20W to 40W	4400 lm
2x2 Foot	20W to 40W	5200 lm
2x4 Foot	30W to 72W	9360 lm

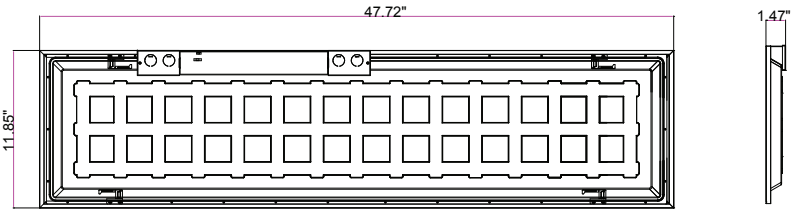
LINE DRAWINGS



2x2

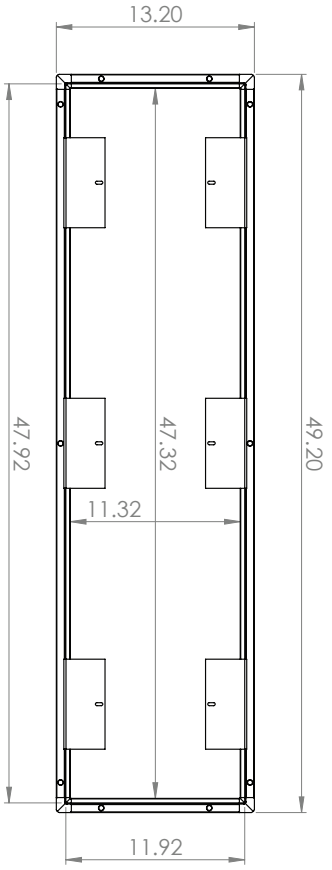


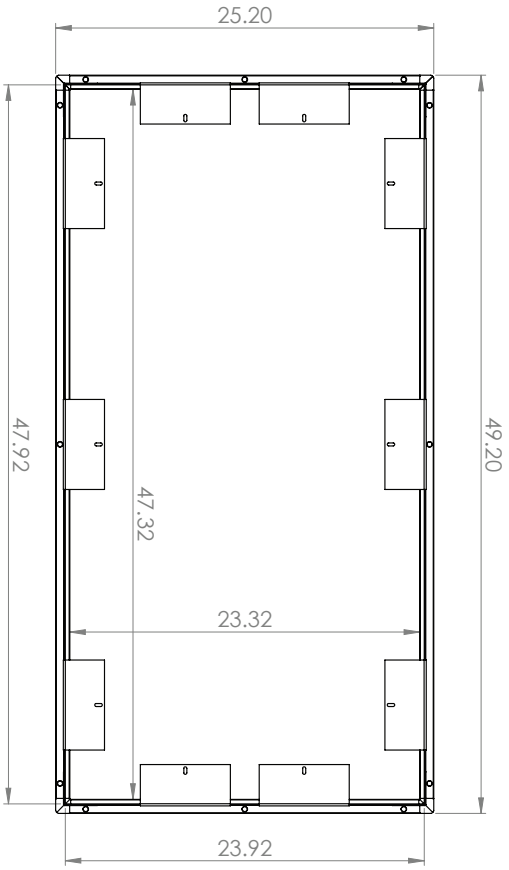
2x4

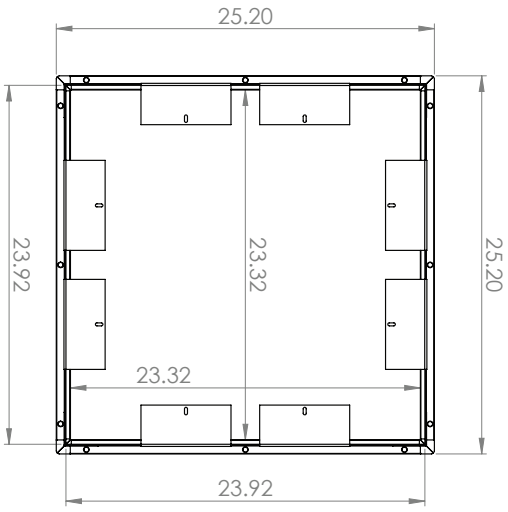


1x4

VANDAL RESISTANT FRAME KIT







COMPATIBLE DIMMERS

	ALCON LIGHTING	LUTRON	LEVITON
0-10 V	2100 2101 2102	Diva DVTV	IP-710-DL