

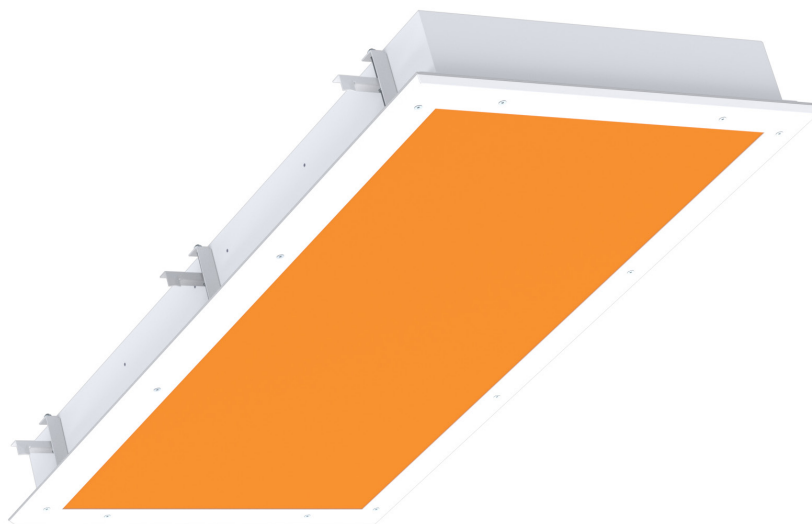
Description:

The CLR series by Amico is a specification-grade, LED recessed flanged IP65, for ISO Class 3-8 cleanrooms. Ideal for pharmaceutical manufacturing, food processing, Life Sciences and laboratories. For use in wet locations, insulated ceilings.

The Solar Series Cleanroom light is available in a 2x4, 2x2 and 1x4 model.

Features:

- Optional emergency batter pack
- Seam welded enclosure
- Long lasting LEDs
- Tunable white

**Construction Material:**

Housing: Precision formed, TIG welded, one piece 20 gauge cold rolled steel housing, Stainless Steel and Aluminium are available as options

Mounting: Swing arm mounting brackets, with vertical adjustability, are used to mount the fixture against the ceiling. Brackets provide an improved continuous seal to plenum eliminating fixture distortion. Compatible with 1" and 1.5" T-Bar ceiling grids for NEMA LE4 Type G installations.

Door: Inset/Overlapping one-piece door frame fabricated from 18-gauge cold-rolled steel with welded corners. Countersunk flat-head stainless-steel captive fasteners with integral silicone O-rings secure the door frame to the housing. The door frame is removable, reversible, and hinged with stainless-steel aircraft cables. A highly resilient, chemical-resistant, microcellular closed-cell silicone gasket provides a reliable seal between the door frame and housing.

Lens: Standard lens: 0.125" thick, impact-resistant diffuse symmetric acrylic lens with a smooth exterior surface for easy cleaning. Lens is sealed to the door frame with RTV silicone sealant and secured with Mechanical brackets. Additional lens options are available as specified by the order code.

Finish: White, polyester powder painted housing.

Specifications:

Voltage: 120-277 Volts; Consult factory for 347 Volts.

Dimming: 0 - 10 Volts and DALI options available.

Color Quality: 80 CRI (80+), 90 CRI (90+).

Standard Color Temperature: 3000K, 3500K, 4000K, 5000K (Refer to Standard White or Red Spec Sheet for additional options).

Life of LEDs: L80>50,000 hours.

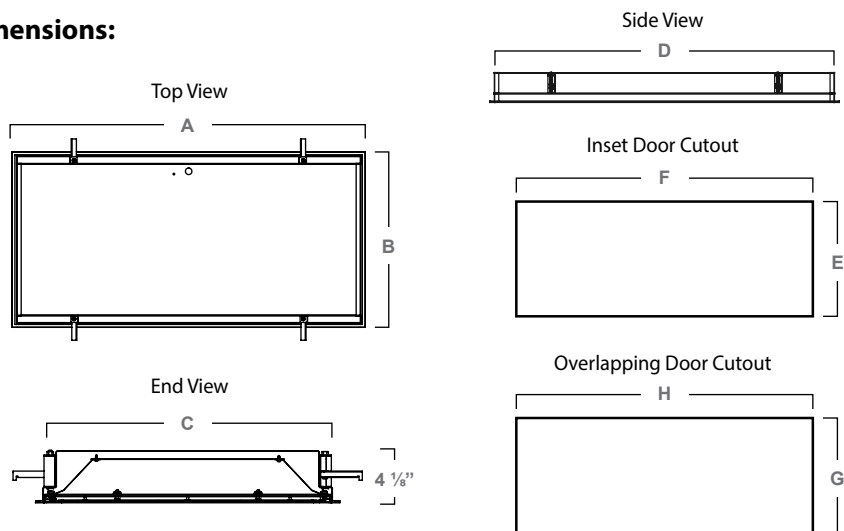
Approvals: Approved to CSA and UL standards. UL listed for wet locations, insulated ceilings. NSF2 for Splash Zone and non-food zones (See Option NS for Food Zone), suitable for Biosafety Level BSL 1-2 applications. BSL 1-3 applications are available with an overlapping door configuration. Rated to withstand washdown pressures up to 2450 psi. IP65.

Warranty: Limited five (5) year warranty.

Cleanroom Universal LED Light - Amber

[^] Lens selection for NSF food zone is included as 0.125" clear acrylic and diffure innner layer.

Dimensions:



Size	A	B	C	D	E	F	G	H	Weight
1X2	23.75"	11.75"	10.69"	22.75"	10.69"	22.75"	-	-	20 lbs.
1X4	47.75"	11.75"	10.69"	46.75"	10.69"	46.75"	10.88"	46.87"	32 lbs.
2X2	23.75"	23.75"	22.69"	22.88"	22.69"	22.88"	22.88"	22.88"	29 lbs.
2X4	47.75"	23.75"	22.69"	46.75"	22.69"	46.75"	22.88"	46.87"	50 lbs.

Performance Data

Amber & White Performance Data							
Size	Order Code	White LED Performance*			AMBER Performance		Total System Watts
		Lumens	Watts	Efficacy	Lumens	Watts	
1x4	035A3	3585	32	112	3500	47	79
	035A5	3585	32	112	5500	74	106
	035A7	3585	32	112	7000	94	126
	070A3	7064	68	104	3500	47	115
2x2	035A3	3564	31	115	3500	46	77
	035A5	3564	31	115	5500	76	107
	035A7	3564	31	115	7000	97	128
	070A3	7035	65	108	3500	46	111
2x4	055A3	5517	45	123	3500	41	86
	055A5	5517	45	123	5500	61	106
	055A7	5517	45	123	7000	81	126
	070A3	7085	59	120	3500	41	100
	070A5	7085	59	120	5500	61	120
	070A1	7085	59	120	10000	122	181
	100A3	10093	80	126	3500	41	121
	100A5	10093	80	126	5500	61	141
	100A7	10093	80	126	7000	81	161
	100A1	10093	80	126	10000	122	202

* Lumen values are based on 4000K, 80 CRI performance.

Red Only LED Performance Data			
Size	Order Code	Lumens	Watts
1x4	A3	3500	47
	A5	5500	74
	A7	7000	94
2x2	A3	3500	46
	A5	5500	76
	A7	7000	97
2x4	A3	3500	41
	A5	5500	61
	A7	7000	81
	A1	10000	122

For a fixture with only Red or Amber LEDs (no white LEDs) omit the CCT and CRI choices and replace with a dash (-).

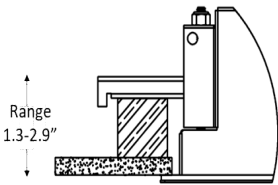
Solar Series

Cleanroom Universal LED Light - Amber

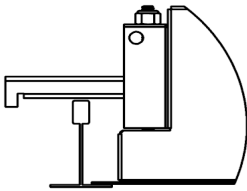


Installation Details

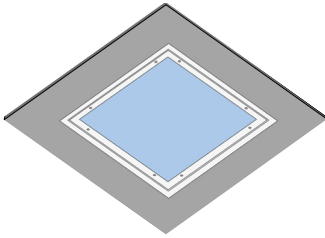
Inset Door



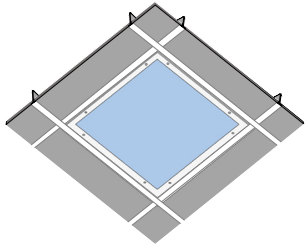
Inset Door Flanged
(Framing by others)



Inset Door in T-bar Grid Ceiling

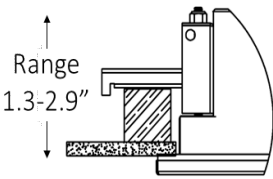


Inset Door Flanged

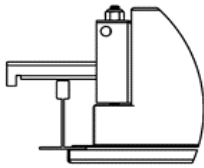


Inset Door in T-bar Grid Ceiling

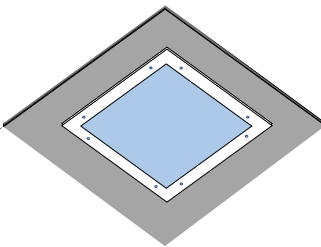
Overlapping Door



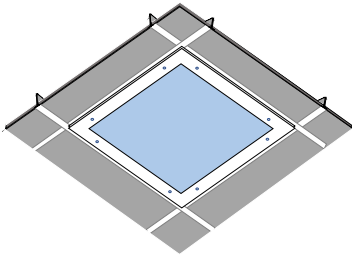
Overlapping Door Flanged
(Framing by others)



Overlapping Door in Grid Ceiling



Overlapping Door Flanged



Overlapping Door in Grid Ceiling

