

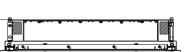
# Recessed Flanged Amber & White Led Clean Room-CLU

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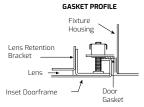
**AL-AEL-CLU** 



## **Dimensional Drawing**



CROSS SECTION



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	Α	В
1×4	4.20	11.75
2×2	4.20	23.75
2×4	4.20	23.75

**DIMENSIONAL DATA (IN INCHES)** 

## **Specifications**

LED INFORMATION		1		
OUTPUT	5L	7L	10L	14L
LUMENS/FT*	500	700	1000	1400
SYSTEM WATTAGE/FT	3.125W	4.375W	6.25W	8.75W
EFFICACY (LM/W)	160	160	160	160
CRI >82 >82 >82 >82				
DIMMING	0-10V	0-10V	0-10V	0-10V
COLOR CONSISTENCY	>3 SDCM	>3 SDCM	>3 SDCM	>3 SDCM
RATED LIFE (L70)	>100,000 HRS	>100,000 HRS	>100,000 HRS	>100,000 HRS

**P**65

<sup>\*</sup> Lumen output was calculated with 4000K LEDs.

LUMEN ADJUS	STMENT FA	ACTORS 80	CRI		
CCT	2700K	3000K	3500K	4000K	5000K
ADJUSTMENT	93.5%	95.2%	96.8%	100.0%	103.0%

<b>LUMEN ADJUS</b>	STMENT FA	ACTORS 90	CRI		
CCT	2700K	3000K	3500K	4000K	5000K
ADJUSTMENT	77.5%	79.2%	80.8%	85.1%	87.3%

## **Ordering Guide**

EG: AL-AEL-CLU-<u>1X4</u>-90-A-DR-5-U

Model Name	Size	Wattage*	ССТ
AL-AEL-CLU	<b>1x4:</b> 1x2	*Refer other tables	<b>35</b> : 3500k
AL-AEL-CLU	<b>2x2</b> : 2x2		<b>40:</b> 4000k
AL-AEL-CLU	<b>2x4:</b> 2x4		<b>50:</b> 5000k

The CLU is a narrow spectrum 570nm amber LED circuit, the CLU is able to provide high-purity light without UV for various applications. The high-CRI white LED circuit provides accurate color rendition at a high output.

■ DOORFRAME: Cold Roll Steel, Stainless Steel, or Aluminum options. One piece inset door frame with welded corners. White TGIC polyester powder coat standard, with optional Anti-Microbial Paint. Door-frame secured to housing with stainless steel aircraft cables and captive flush mounted.

Phillips head stainless steel fasteners. Closed-cell gasket completely seals the doorframe and the housing.

■ LED: 570nm amber replaceable (115 nm FWHM bandwidth) LED arrays produce less than 0.019 watts of light below 480nm, and no ultraviolet rays. Separately circuited white LED arrays are available in in 3500K, 4000K and 5000K color temperatures with a minimum of 82 CRI. White circuit and amber circuit can be independently powered and dimmed.



#### Abaco Lighting, Inc.

2411 NW 16th ln, #5 | Pompano Beach, FL 33064 Office: 877-377-4123 www.abacolighting.com



**AL-AEL-CLU** 

S	IZE		ССТ		l.	ED OPTIONS
14	1X4	35	3500K		45AW	45W Amber & 45W White
22	2X2	40	4000K		45A	45W Amber
24	2X4	50	5000K		90A	90W Amber
					45AWD	45W Amber & 45W White (dual-row)
				2x2	45AD	45W Amber (dual-row)
					90A	90W Amber
					45AWD	45W Amber & 45W White (dual-row)
					45A67WD	45W Amber & 67W White (dual-row)
				2x4	45A90WD	45W Amber & 90W White (dual-row)
				2	90AW	90W Amber & 90W White
					45AD	45W Amber (dual-row)
					90A	90W Amber
					135A	135W Amber

	HOUSING	D	OOR FRAME	DOC	OR FRAME TYPE
B18	18 Gauge Cold Roll Steel	B18	18 Gauge Cold Roll Steel	INS	Inset Doorframe
B20	20 Gauge Cold Roll Steel	B22	22 Gauge Cold Roll Steel	OVL	Overlap Doorframe
B22	22 Gauge Cold Roll Steel	SH18	18 Gauge Stainless Steel		
SH18	18 Gauge Stainless Steel	SH20	20 Gauge Stainless Steel		
SH20	20 Gauge Stainless Steel	ALH	.063" Aluminum		
ALH	.063" Aluminum				

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A125	.125 Clear Acrylic
125P	.125 Clear Polycarbonate
156P	.156 Clear Polycarbonate
187P	.187 Clear Polycarbonate
250P	.250 Clear Polycarbonate
PA125	.125 Prismatic Acrylic (inverted)
PA156	156 Prismatic Acrylic (inverted)
PP125	.125 Prismatic Polycarbonate (inverted)
PP156	.156 Prismatic Polycarbonate (inverted)

PP187	.187 Prismatic Polycarbonate (inverted)
CTG187	.187 Clear Tempered Glass
CTG250	.250 Clear Tempered Glass
CTG/PA	Clear Tempered Glass with Prismatic Acrylic Overlay (inverted)
WTP	.080 White Translucent Acrylic
WTP	White Translucent Polycarbonate
SY	Symmetric Diffused DR Acrylic



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