

ALPS EVOLVE – E3 SERIES

RECESSED COMMERCIAL LUMINAIRES

Flat Panel

The ALPS series is a backlit panel product designed with optimum LED placement to ensure a uniformly lit diffuser. It features a switchable CCT, and power package enable an endless flexibility at the install site. The average 130 LPW performance also makes the ALPs an ideal replacement for any existing recessed commercial ceiling products.



eralux®



DATE			
PROJECT NAME			
TYPE			
QTY			
ORDERING CODE	AE-RC-APB-XXW	-	H-03

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347V
POWER FACTOR	0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	125 LPW at 80CRI
POWER	20 to 50 W
CCT SWITCHABLE	30/35/40/50
BEAM ANGLE	Lambertian

MECHANICAL & HOUSING

HOUSING	Aluminum frame
LENS	Enhanced quality diffuser ensures high efficiency light output for a clean, evenly illuminated surface
FINISH	White
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	LED array

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-20 °C to 45°C
PROTECTION	Dry rated

COMPATIBLE MOUNTING

MOUNTING	DX, DXT Grid, surface mount
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WARRANTY

SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).



“DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified”

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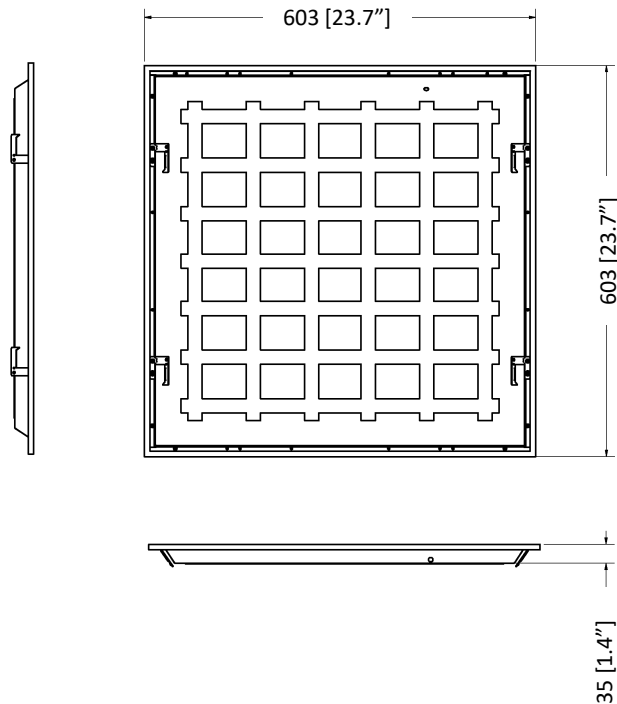
ORDERING GUIDE

EXAMPLE: AE-RC-APB-XXW24-28CDM-H-03

FIXTURE FAMILY	POWER	SIZE	CONTROLS	INPUT VOLTAGE
AE-RC-APB	-XXW		-	-H-03
AE-RC-APB ALPS Evolve series commercial office backlit panel	-XXW 2x4: 40-50-60W 2x2: 25-30-40W 1x4: 25-30-40W CCT Selectable: 3500/4000/5000K	22 2'x2' housing 25/30/40W 3125/3750/5000Lms	-28CDM 0-10V external dimming down to 10%	-H-03 120-347Vac
		24 2'x4' housing 40/50/60W 5000/6250/7500Lms	-28CDS Microwave Motion Sensor	
		14 1'x4' housing 25/30/40W 3125/3750/5000Lms		

PRODUCT DIMENSIONS

2x2



ALPS EVOLVE SERIES – E3

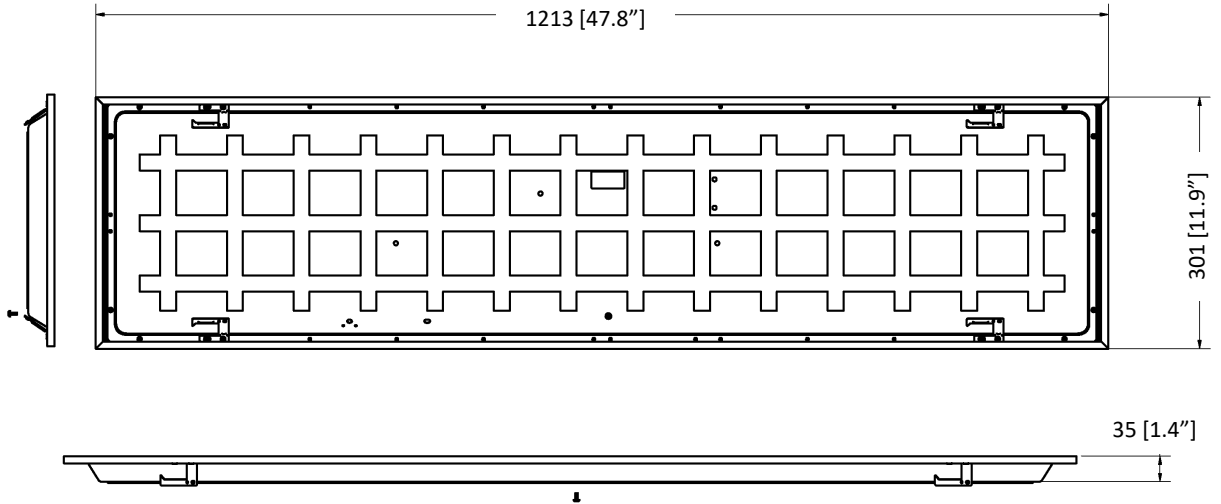
RECESSED COMMERCIAL LUMINAIRES

Flat Panel

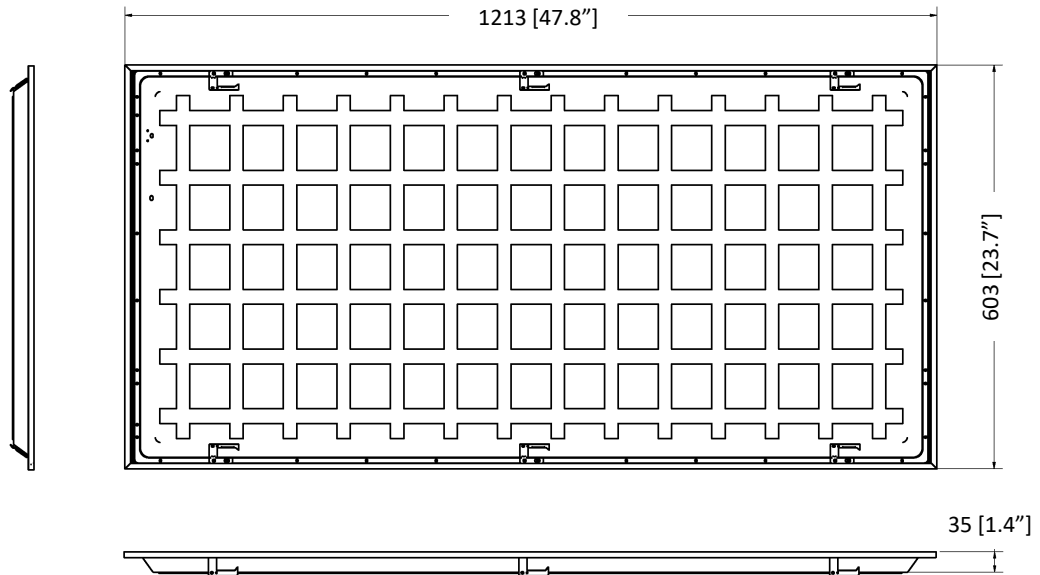
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PRODUCT DIMENSIONS

1x4



2x4



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TYPE			
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ORDERING CODE	AE-RC-APB-XXW	-	H-02

ACCESSORIES

Ordered separately, field installed

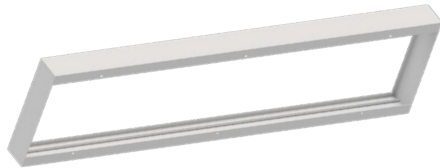
GYPSUM KIT

Recessed Gypsum



SURFACE MOUNT KIT

DX,DXT GRID, Surface Mount
2 INCH Thick



DIMENSIONS

LENGTH	LENGTH	WIDTH	HEIGHT
2 X 4	1247 mm 49.1"	638 mm 25.1"	38mm 1.5"
2 X 2	638 mm 25.1"	638 mm 25.1"	38mm 1.5"
1 X 4	1247 mm 49.1"	338 mm 13.3"	38mm 1.5"

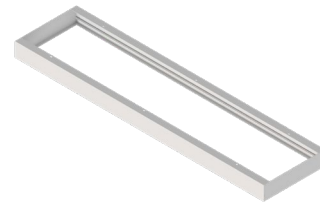
ORDERING CODE

AE-RC-MBGYPK1X4

AE-RC-MBGYPK2X2

AE-RC-MBGYPK2X4

3 INCH Thick



DIMENSIONS

LENGTH	LENGTH	WIDTH	HEIGHT
2 X 4	1219 mm 48"	609 mm 24"	50 mm 2"
2 X 2	609 mm 24"	609mm 24"	50mm 2"
1 X 4	1219 mm 48"	309 mm 12.2"	50 mm 2"

ORDERING CODE

AE-RC-MBSMK14

AE-RC-MBSMK22

AE-RC-MBSMK24

DIMENSIONS

LENGTH	LENGTH	WIDTH	HEIGHT
2 X 4	1219 mm 48"	609 mm 24"	74 mm 2.91"
2 X 2	609 mm 24"	609mm 24"	74 mm 2.91"
1 X 4	1219 mm 48"	309 mm 12.2"	74 mm 2.91"

ORDERING CODE

AE-RC-MSMK14

AE-RC-MSMK22

AE-RC-MSMK24

HANGING KIT



ORDERING CODE

AE-RC-MB-HK

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ACCESSORIES (Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY

OUTPUT POWER : 8 WATTS

BLD-HM25D-YYY

OUTPUT POWER : 25 WATTS



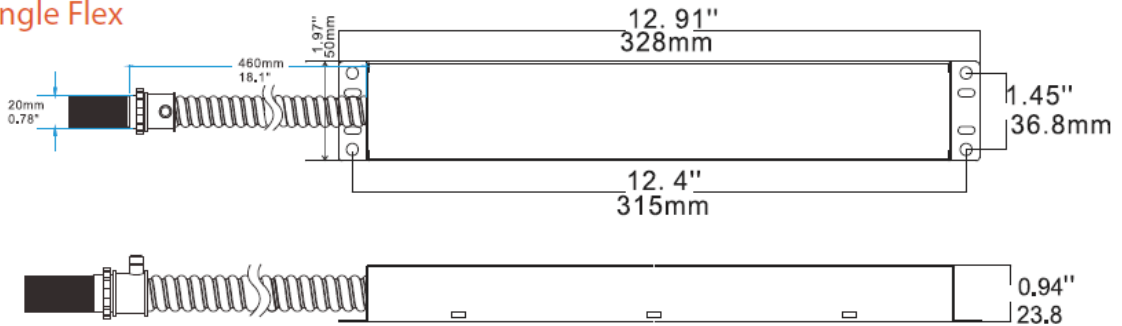
Single Flex(Standard)

- Easy Wiring
- Certified For CA Title 20
- Constant Power Performance

BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation . In the event of a power failure , the emergency driver switches to emergency mode and operates the existing. Fixture to 90 minutes. The unit contains a battery , charge , and converter circuit in a single enclosure .This module will operate an LED array load at 6-25W with constant power at a rated output voltage of 170VDC. The constant power design of BLD-HMXXD-YYY maintains the output wattage to LED array, providing consistent illumination for entire emergency runtime. Ideal for use with most 0-10V dimmable indoor commercial LED lighting fixtures, such as LED flat panel, troffer, downlight and suspension mounting LED linear strip lights, etc.

DIMENSIONS (inches and mm)

Single Flex



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LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	3000K	3500K	4000K	5000K
PREMIUM (80CRI)	0.94	0.97	1	1.03

DLC MODELS

DLC MODEL	PRODUCT ID
AE-RC-APB-XXW14-28CDM-H-03	S-0D3X15
AE-RC-APB-XXW22-28CDM-H-03	S-K8X3V1
AE-RC-APB-XXW24-28CDM-H-03	S-TZXYT8

PHOTOMETRIC DATA

AE-RC-APB-35W22-28CDM-H03 (3000K)

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	568.95	12.50	
0-30°	1212.55	26.60	
0-40°	1994.89	43.70	
0-60°	3560.55	78.00	
0-80°	4474.55	98.00	
0-90°	4561.68	99.90	

AE-RC-APB-40W24-28CDMH-03 (5000K)

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	729.50	12.20	
0-30°	1560.99	26.10	
0-40°	2580.63	43.10	
0-60°	4648.54	77.60	
0-80°	5868.88	98.00	
0-90°	5985.74	99.90	

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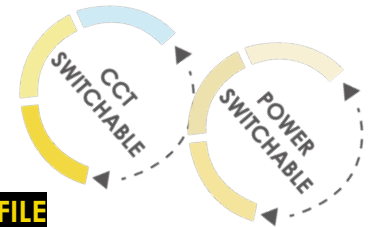
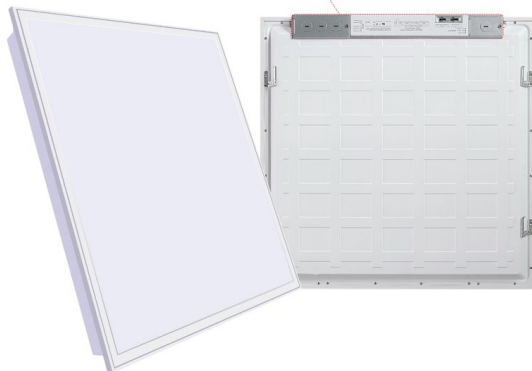
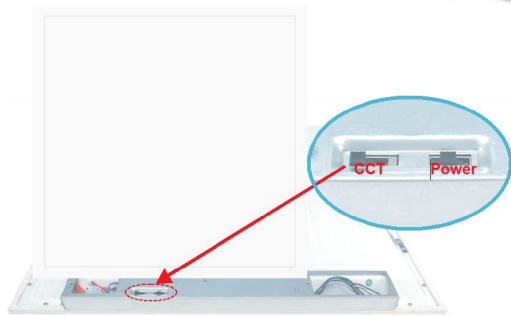
OVERVIEW

VOLTAGE RATING

Multiple input voltage ratings 120-347Vac, perfect for both American and Canadian Markets.

MULTIPLE PACKAGES

Select from the standard 0-10V dimming model or add the additional 90-minute emergency battery back-up kit.



THIN PROFILE

Ultra-thin housing with polystyrene reflector enable the 2nd generation Alps fixture to be extremely lightweight while providing an elegant appearance.

