ALPS HYDRO

Commercial LED Lighting

Back-Lit Panel | NSF Rated | 1x4, 2x2, 2x4

The ALPS Hydro is a backlit flat panel product designed with optimal LED placement to ensure a uniformly lit space. It features a switchable CCT and power driver that allows for endless flexibility. Wet rated, IP65 from below ceiling line, capable of being sprayed from the bottom.

Applications: Wet Location | Healthcare | Education | Food Industry

eralux®

	DATE	QTY	ACC. QTY	**TYPE**
PROJECT				
PN				
ACCESSORY PN				
NOTES				

👆 DYNAMIC MENU

SPECIFICATIONS

Input Voltage	120-347V
Power Factor	0.9
Total Harmonic Distortion	<20%
Dimming	0-10V
CRI	80 CRI
CCT	35K 40K 50K
Efficacy	~125LPW
Power	1X4 — 25/30/40W
	2X2 — 25/30/40W
	2X4 — 30/40/50W
Ambient Temperature Range	-20°C to 45°C
Distribution	120°
Mounting options page 4	Surface Mount Suspended Recessed- Gypsum Recessed -T grid

PRODUCT FEATURES

POWER SWITCHABLE | CCT SWITCHABLE | Wet Rated | IC Rated | IP65

Emergency backup battery
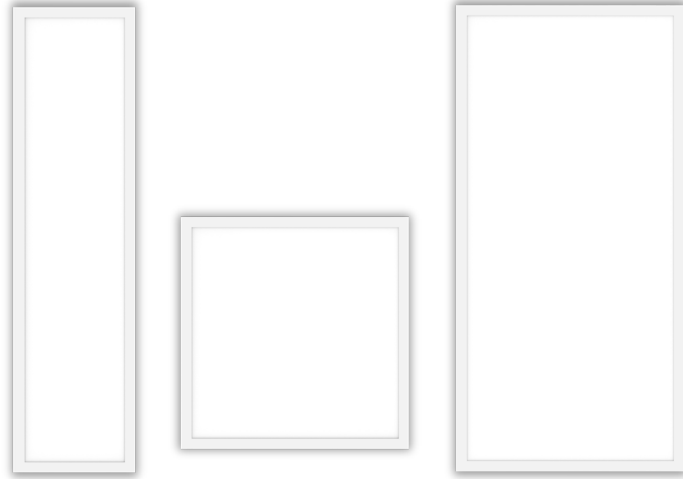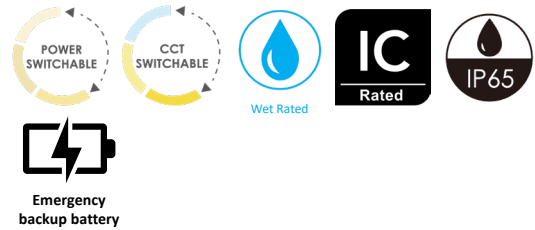
PRODUCT CERTIFICATIONS

5 YEARS WARRANTY eralux | ETL LISTED c US | RoHS

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).

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👆 ORDERING GUIDE

PL		-A3C3	-M	-P

PL	**1X4 | -40W**	**-A3C3**	**-M**	**-P**
ALPS Hydro Commercial Backlit flat Panel IP65/NSF	1x4' 25/30/40W 3,125/3,750/4,375lm **2X2 | -40W** 2x2' 25/30/40W 3,125/3,750/4,375lm **2X4 | -50W** 2x4' 30/40/50W 3,750/5,000/6,250lm	3500/4000/5000K selectable	120-347Vac	0-10V Dimming
Fixture Family	**Size | Power**	**CCT**	**Voltage**	**Controls**

👆 ORDERING GUIDE - ACCESSORIES

AE-RC-M	**BGYPK**	**1X4**		**AE-RC-MB**	**-HK**[1]
ERALUX Commercial Mounting Options	Gypsum Kit **BSMK-** Surface Mount Kit-2" thickness **SMK-** Surface Mount Kit-3" thickness	1x4' **2X2** 2x2' **2X4** 2x4'		ERALUX Commercial Mounting Options	Suspension kit
Fixture Family	**Mounting Option**	**Size**		**Fixture Family**	**Mounting Option**

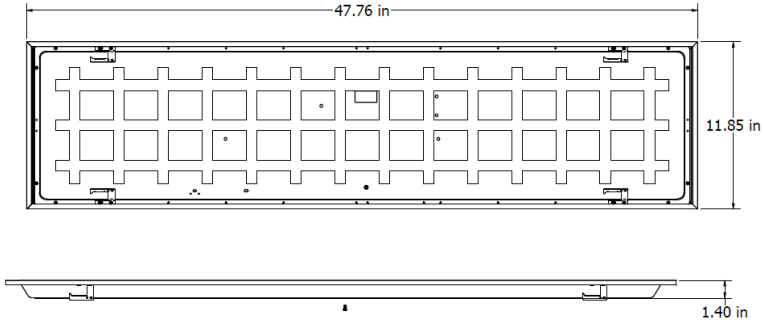| NOTES	1.	For more aesthetic look suspension and surface mount kit can be ordered together

[BLANK]
No EMBB
BLD-HM8D-YYY
8W emergency battery backup

EMBB

DIMENSIONS

PL1X4

47.76 in

11.85 in

1.40 in

PL2X2

23.74 in

23.74 in

1.40 in

PL2X4

47.80 in

23.74 in

1.40 in
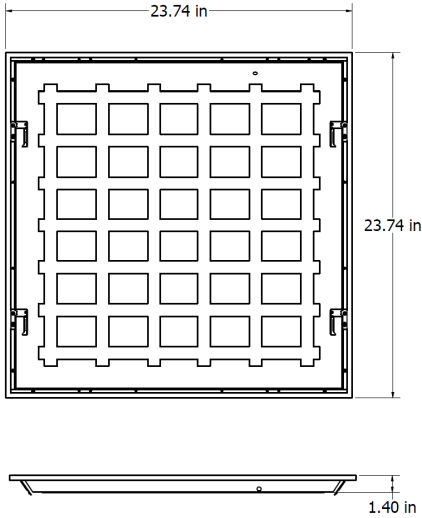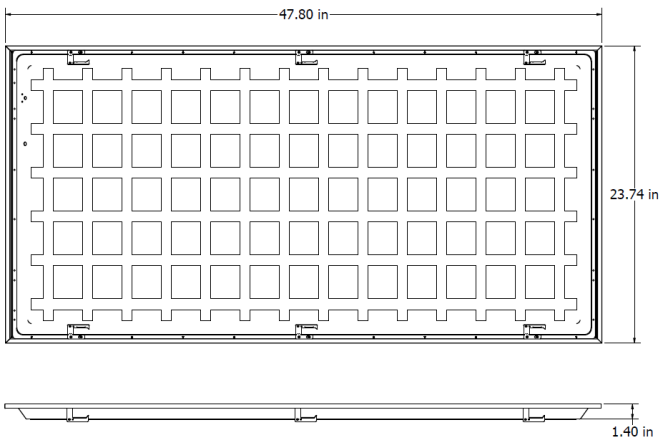
MOUNTING ACCESSORIES

Ordered separately, field installed

GYPSUM KIT

Recessed Gypsum

ORDERING CODE	DIMENSIONS		
	LENGTH	WIDTH	HEIGHT
AE-RC-MBGYPK1X4	49.1''	13.3''	1.5''
AE-RC-MBGYPK2X2	25.1''	25.1''	1.5''
AE-RC-MBGYPK2X4	49.1''	25.1''	1.5''

SURFACE MOUNT KIT
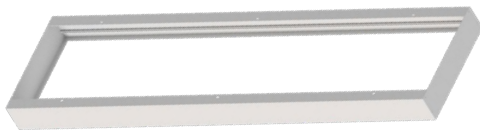
OPTIONS	ORDERING CODE	DIMENSIONS		
		LENGTH	WIDTH	HEIGHT
Option 1 2"- thickness	AE-RC-MBSMK-1X4	48''	12.2''	2''
	AE-RC-MBSMK-2X2	24''	24''	2''
	AE-RC-MBSMK-2X4	48''	24''	2''
Option 2 3"- thickness	AE-RC-MSMK-1X4	48''	12.2"	2.91"
	AE-RC-MSMK-2X2	24''	24"	2.91"
	AE-RC-MSMK-2X4	48''	24"	2.91"

SUSEPENSION KIT

ORDERING CODE	QUANTITY	DESCRIPTION	LENGTH
AE-RC-MB-HK	3 pieces/set	Aircraft cable	4'

CONTROL ACCESSORIES

Ordered separately, field installed

EMERGENCY BATTERY BACK UP

BLD-HM8D-YYY

The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 8W constant power at 170VDC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.

SPECIFICATIONS	
Input Voltage	100-347 Vac
Power Frequency	50/60HZ
Input Power	8W max
Output Voltage	170 VDC
Output Power	8W
Ambient Temperature	0˚C to 50˚C
	30˚F to 122˚F
Installation	Remote

ROOM OCCUPANCY SENSOR

PART NUMBER	DESCRIPTION
AE-CT-DT806	Detecta - Room Occupancy Sensor
RC102	RC102 Remote Control

SPECIFICATIONS		
Input Voltage	120-277 Vac	
Power Frequency	50/60HZ	
Rated Load	At 120 Vac	800W
	At 277 Vac	1200W
Detection Range	3-10 Meters	
	9.8- 32.8 Feet	
Standby Power	~0.9W	
Time Setting	10 sec to 30 min	
Light Control	10-2,000LUX	
Installation	Ceiling Mounted	

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	3500K	4000K	5000K
80CRI	0.97	1.00	1.03

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
PL1X4-40W-A3C3-M-P		Zone	Lumens	% Fixture	**Direct Light**	**Center Beam Fc**	**Beam Width**	
Wattage	40W	0-20°	423.26	12.5		590 fc	5.2 ft	5.2 ft
CCT	3500K	0-30°	900.73	26.6		157 fc	10.1 ft	10.1 ft
Distribution	120˚	0-40°	1479.53	43.8		68.3 fc	15.3 ft	15.3 ft
		0-60°	2631.93	77.8		38 fc	20.5 ft	20.6 ft
		0-80°	3295.32	97.5		24.8 fc	25.5 ft	25.5 ft
		0-90°	3364.35	99.5		17.1 fc	30.7 ft	30.7 ft

Vert. Spread: 113.8°
Horiz. Spread: 113.8°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
PL2X2-40W-A3C3-M-P		Zone	Lumens	% Fixture	**Direct Light**	**Center Beam Fc**	**Beam Width**	
Wattage	40W	0-20°	403.68	12.5		549 fc	5.2 ft	5.2 ft
CCT	3500K	0-30°	858.97	26.6		146 fc	10.1 ft	10.1 ft
Distribution	120˚	0-40°	1410.66	43.7		63.5 fc	15.3 ft	15.3 ft
		0-60°	2508.66	77.8		35.4 fc	20.6 ft	20.4 ft
		0-80°	3143.5	97.4		23 fc	25.5 ft	25.3 ft
		0-90°	3210.68	99.5		15.9 fc	30.7 ft	30.5 ft

Vert. Spread: 113.8°
Horiz. Spread: 113.5°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
PL2X4-50W-A3C3-M-P		Zone	Lumens	% Fixture	**Direct Light**	**Center Beam Fc**	**Beam Width**	
Wattage	50W	0-20°	784.78	12.5		741 fc	5.2 ft	5.2 ft
CCT	3500K	0-30°	1671.03	26.7		197 fc	10.2 ft	10.2 ft
Distribution	120˚	0-40°	2746.48	43.9		85.7 fc	15.4 ft	15.4 ft
		0-60°	4891.75	78.2		47.7 fc	20.6 ft	20.7 ft
		0-80°	6112.64	97.7		31.1 fc	25.6 ft	25.6 ft
		0-90°	6230.83	99.6		21.4 fc	30.8 ft	30.9 ft

Vert. Spread: 114.0°
Horiz. Spread: 114.1°

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OVERVIEW

Innovative Design
- Aluminum die-cast Frame
- Enhanced quality diffuser ensures high efficiency light output for a clean, evenly illuminated surface

Emergency backup battery

Multiple Selections
- 1X4', 2X2', and 2X4' sizes.
- Power Switchable.
- Three CCTs options available.

Mounting Options
- Surface Mount
- Gypsum
- Suspended
- Suspended with surface mount kit
- Recessed -T grid

Gasket

Tests And Certifications

IP65 | POWER SWITCHABLE | CCT SWITCHABLE | Wet Rated

ETL INTERTEK LISTED c US | IC Rated