SELECTABLE AKT LED WALL PACK

ABOVE ALL
www.AboveAllLighting.com



The AKT LED Wall Pack features cutoff distribution, die-cast aluminum housing with integrated heat sink for superior heat dissipation, and options for emergency back-up, photocontrol, and sensor. Lumen ranges from 1500lm to 14400lm make this an ideal option for landscape, wall/surface, low level pathway, apartment buildings, schools, and multi-use facilities.

TECHNICAL DATA

Wattage	Selectable 15W/20W/24W
	Selectable 24W/30W/42W
	Selectable 50W/60W/80W
	Selectable 80W/100W/120W
CCT	Selectable 3000K/4000K/5000K
Driver	0-10V Dimming Standard
CRI	70 is standard
	80 is optional
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L70-100,000 Hours
Operating Temp.	-40°F to 104°F (-40°C to 40°C)
Certifications	cUL listed
	Suitable for wet locations
	RoHs compliant
Power Factor	>0.9
Harmonic Distortion	<20% at full load

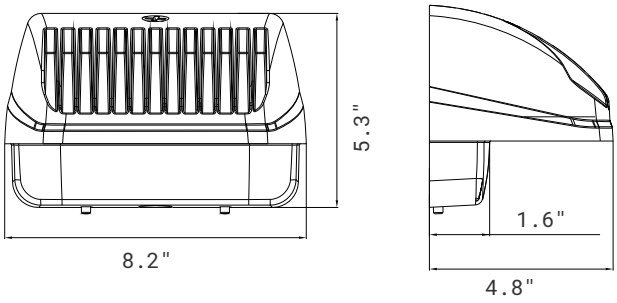
FEATURES

- Cutoff distribution design.
- Wattage and CCT selectable.
- Lumen output is up to 16950lm.
- Emergency back up, photocontrol and sensor available as option.

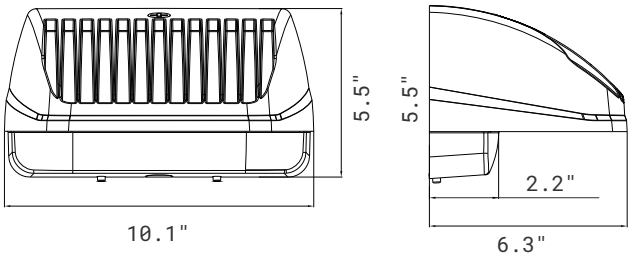
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SPECIFICATION

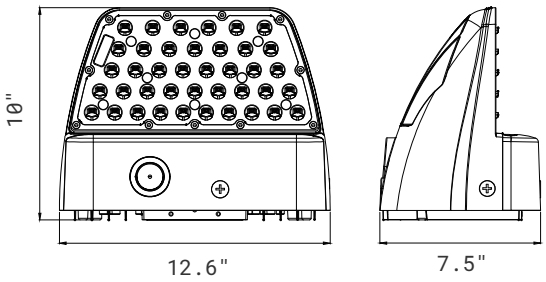
15W/20W/24W



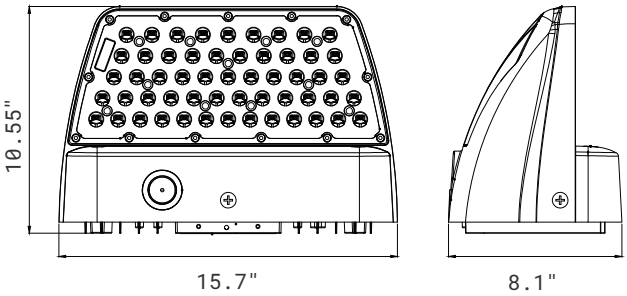
24W/30W/42W



50W/60W/80W

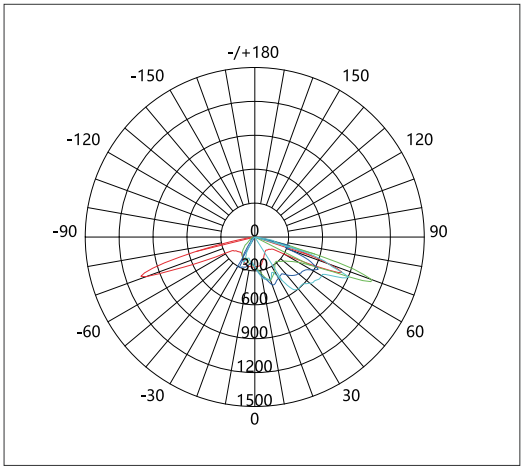


80W/100W/120W



PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



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ORDERING INFORMATION

EXAMPLE: AKT-120SP-SW1-III-BK

AKT Series	Wattage	CCT	Voltage	Control	Distribution	Finish	Options
AKT	**24SP** 15/20/24W[1] Selectable **42SP** 24/30/42W[2] Selectable **80SP** 50/60/80W[3] Selectable **120SP** 80/100/120W[4] Selectable	**SW** 3000K 4000K[5] 5000K	**1** 120V-277V	**BLANK** 0-10V Dimming Driver **PC** Photocontrol **MS** PIR Sensor[6] **EBU** Emergency Battery Backup[7]	**III** Type III	**BK**[8] Black *Optional* **BZ** Bronze **WH** White **GY** Gray	**BLANK** None **TP** Tamper resistant torx head screws

NOTE:

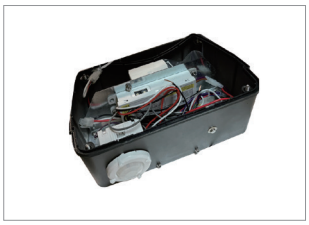
1. 24W is default setting.
2. 42W is default setting.
3. 80W is default setting.
4. 120W is default setting.
5. 4000K is default setting.
6. PIR Sensor kits is not available for 24SP. PIR Sensor is sold separately and field installed for 42SP. PIR Sensor is pre-installed in the fixture for 80SP and 120SP. Mounting height is 40ft max.
7. Emergency battery backup is available in 8W and works for a minimum of ninety (90) minutes. Emergency battery backup is not available for 24SP. Emergency battery backup kits sold separately and field installed for 42SP. The Emergency battery backup is built in the fixture housing for 80SP and 120SP. Ambient working temperature for Emergency battery backup is 32˚F to 95˚F (0 ˚C to 35˚C).
8. Black finish is standard. Custom color is available for a premium setup fee. Consult customer service for additional information.

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ACCESSORIES (ORDERED SEPARATELY)



RC-100
Remote control for sensor.



AKT24/30/42-MS-BK
PIR Sensor Kits for 24W, 30W and 42W.

AKT24/30/42-EBU-BK
EBU Kits for 24W, 30W and 42W.

AKT24/30/42-MS-EBU-BK
PIR Sensor and EBU Kits for 24W, 30W and 42W.

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Nominal Wattage	Lumen Output	AC Input 120V	CCT	CRI	LPW
15W	1980lm	0.13A	4000K	>70	132
20W	2580lm	0.17A	4000K	>70	130
24W	3160lm	0.20A	4000K	>70	131
30W	4200lm	0.25A	4000K	>70	140
42W	5800lm	0.35A	4000K	>70	138
50W	7000lm	0.41A	4000K	>70	140
60W	8400lm	0.50A	4000K	>70	140
80W	11300lm	0.67A	4000K	>70	141
100W	14000lm	1.83A	4000K	>70	140
120W	16950lm	1.00A	4000K	>70	141

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BUG RATING TABLE

Performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

Model	BUG Rating
AKT20401-III	B1-U1-G1
AKT24401-III	B1-U1-G1
AKT30401-III	B1-U1-G2
AKT42401-III	B1-U1-G2
AKT60401-III	B1-U1-G3
AKT80401-III	B2-U2-G3

PIR DIMMING SENSOR SETTING(BRI823)

Sensor data can be precisely set for each specific application by a remote controller which need to be bought separately.

	1	2	
I	↓	↓	20%
II	↓	↑	50%
III	↑	↓	75%
IV	↑	↑	100%

Sensitivity

Sensitivity can be reduced by selecting the combination on the DIP switches to fit precisely each application .

Default Setting: 100%

	3	4	
I	↓	↓	10s
II	↓	↑	1min
III	↑	↓	5mins
IV	↑	↑	10mins

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Default Setting: 1min

	5	6	
I	↓	↓	☼
II	↓	↑	10 lux
III	↑	↓	30 lux
IV	↑	↑	50 lux

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

Default Setting: 30lux

	7	8	
I	↓	↓	0%
II	↓	↑	10%
III	↑	↓	30%
IV	↑	↑	50%

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Default Setting: 30%

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	9	10	
I	↓	↓	+∞
II	↓	↑	1min
III	↑	↓	30mins
IV	↑	↑	60mins

Stand-by time

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to“ +∞ ” mode, the low light is maintained until motion is detected.

Default Setting: +∞

WARRANTY

5 year limited warranty.

Specifications subject to change without notice.

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