



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

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

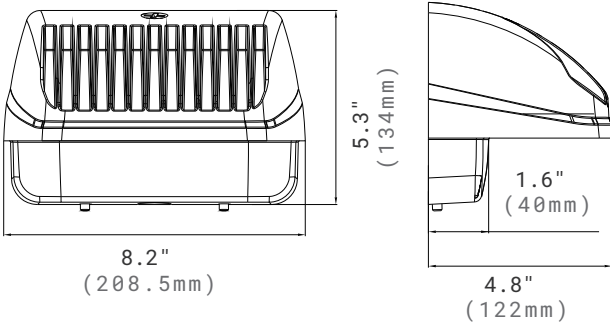
## FEATURES

- Cutoff distribution design.
- Lumen ranges from 1500lm to 14400lm.
- Emergency back up, photocontrol and sensor available as option.

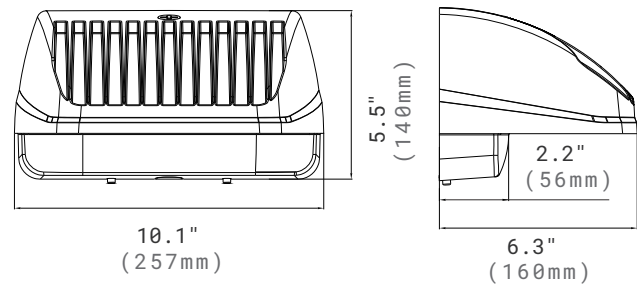
## SPECIFICATION

### Dimension

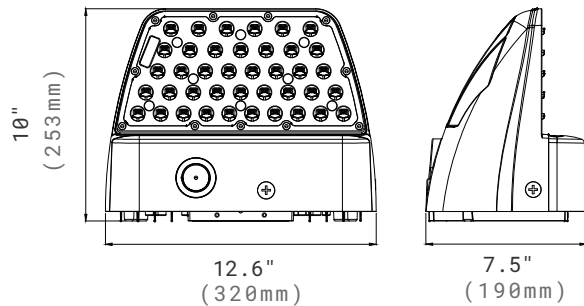
#### 15W/20W/24W



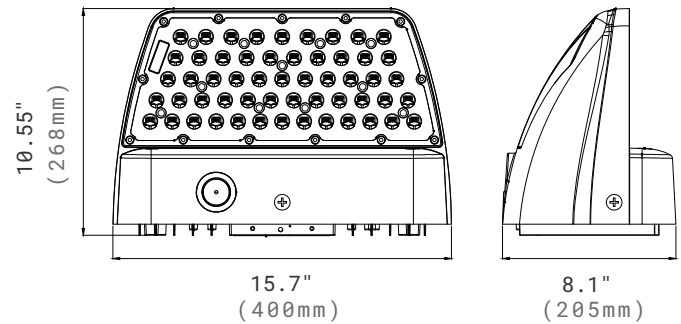
#### 30W/42W



#### 60W/80W

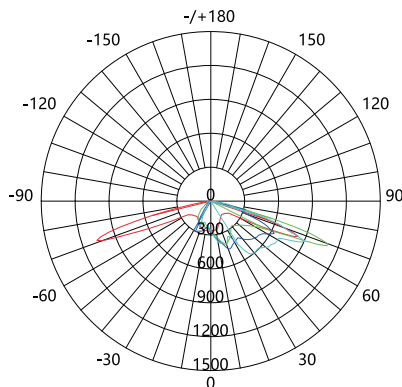


#### 120W



## 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.



## ORDERING INFORMATION

EXAMPLE: AKT60401-III-BK

AKT						
Series	Wattage	CCT	Voltage	Control	Distribution	Finish
AKT	<b>15</b> 15W	<b>30</b> 3000K	<b>1</b> 120V-277V	<b>BLANK</b> On/Off	<b>III</b> Type III	<b>BK<sup>3</sup></b> Black
	<b>20</b> 20W	<b>40</b> 4000K		<b>PC</b> Photocontrol		<i>Optional</i>
	<b>24</b> 24W			<b>MS</b> PIR Sensor <sup>1</sup>		<b>BZ</b> Bronze
	<b>30</b> 30W			<b>EBU</b> Emergency Battery Backup <sup>2</sup>		<b>WH</b> White
	<b>42</b> 42W					<b>GY</b> Gray
	<b>60</b> 60W					
	<b>80</b> 80W					
	<b>120</b> 120W					

### NOTE:

1. PIR Sensor is not available for 15W, 20W and 24W. PIR Sensor kits is sold separately and field installed for 30W and 42W. PIR Sensor is pre-installed in the fixture for 60W, 80W and 120W. Mounting height is 40ft (12m) max.
2. Emergency battery backup is not available for 15W/20W/24W. It is Emergency battery backup kits sold separately and field installed for 30W and 42W. The Emergency battery backup is built in the fixture housing for 60W/80W/120W. Ambient working temperature for Emergency battery backup is 32°F to 95°F(0°C to 35°C).
3. Black finish is standard. Custom color is available for a premium setup fee. Consult customer service for additional information.

ACCESSORIES (ORDERED SEPARATELY)



**RC-100**  
Remote control for sensor.



**AKT30/42-MS-BK**  
PIR Sensor Kits for 30W and 42W.

**AKT30/42-EBU-BK**  
EBU Kits for 30W and 42W

**AKT30/42-MS-EBU-BK**  
PIR Sensor and EBU Kits  
for 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	1500lm	0.13A	4000K	>70	100
20W	2100lm	0.17A	4000K	>70	105
24W	2640lm	0.20A	4000K	>70	110
30W	3400lm	0.25A	4000K	>70	113
42W	4800lm	0.35A	4000K	>70	114
60W	7200lm	0.50A	4000K	>70	120
80W	9600lm	0.67A	4000K	>70	120
120W	14400lm	1.00A	4000K	>70	120

PIR DIMMING SENSOR SETTING(S618-P-DR-LS2)

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%**

	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: +∞**

## 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

## WARRANTY

5 year limited warranty.

Specifications subject to change without notice.