LIRON LIGHTING

LEDAPK Series

Architectural Area Light

Fixture Type:

Project Name

Location:

Date:

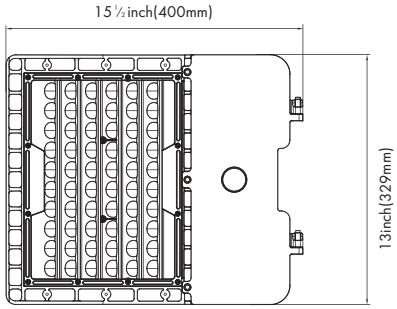
Features

- Slim, low profile design minimized wind load requirements
- Rugged die cast aluminum housing with weather-tight integral LED driver compartment
- Dark bronzed polyester powder coat paint
- Premium 5050 SMD LEDs
- Optics are available IES type III,IV and V distributions
- Mounting available for round pole, square pole, wall mount and trunnion mount
- Integral 10kV surge suppression protection standard
- Optional backlight control shield
- Compatible with motion sensor and photocell

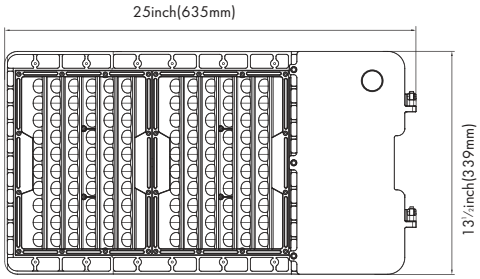
100W/150W/200W

240W/300W/350W

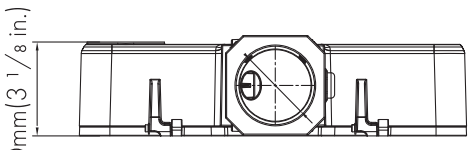
Dimensions



100W/150W/200W



240W/300W/350W



Product Performance Standard

Size:	15 ½"L / 25"L	**Power Factor:**	90%
Weight:	15 lb/25lb	**LED Life Span:**	100,000 Hrs
IP Rate:	IP65	**Dimmable:**	1-10V Dimmable
Color Temp:	4000K-5000K	**THD:**	20%
CRI:	70	**Distribution Type:**	Type III/IV/V
Input Voltage:	120-277V or 347-480V	**Ambient Operation Temperature:**	-40C° (-40°F) ~45C° (113°F)

Ordering Guide

Example: LEDAPK100W50K4

Fixture Type	Wattage	Color Temp.	Voltage	Optical	Finish	Mounting	Optional Accessories[2]
LEDAPK	100W 150W 200W 240W 300W 350W	40K = 4000K 50K = 5000K	Blank = 120-277V HV = 347-480V	3 = Type III 4 = Type IV 5 = Type V	Standard Finish: Blank = Dark Bronze [1]Premium Finish: BK = Black WH = White	WM = Wall Mount AM = Arm mount SP = Slipfitter TM = Trunnion Mount	Blank = No accessories PC = Photocell (ALPC) (ALPC-HV) MS = Motion Sensor[2] (BL-PIR823-IN)

Note: 1. Premium finish color incur additional cost, consult factory for the availability
2. Motion sensor is only available for low voltage fixture

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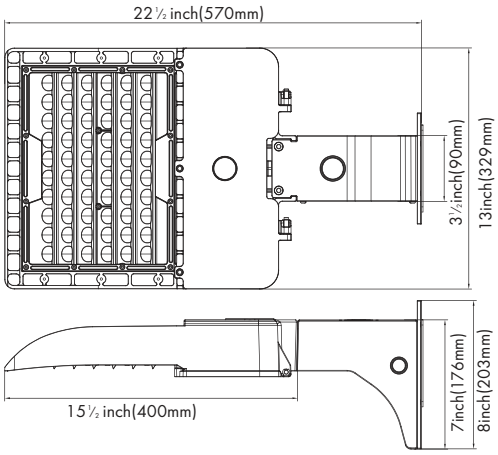
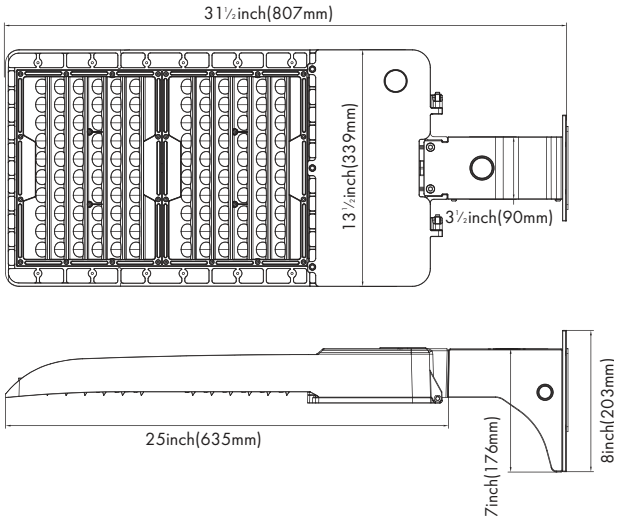
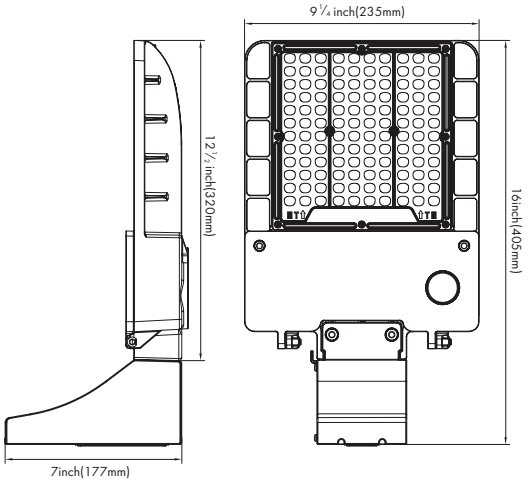
Mounting Options

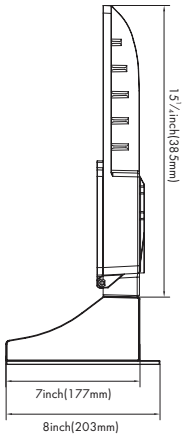
Arm Mount - Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations. (4" and 5" Square and Round poles)

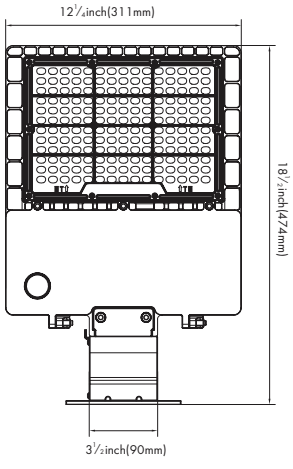


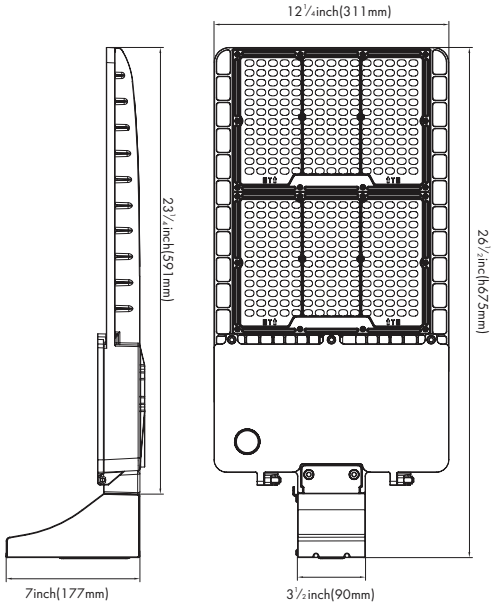


Wall Mount - Wall mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J box mounting.









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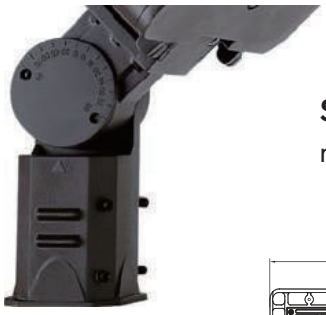
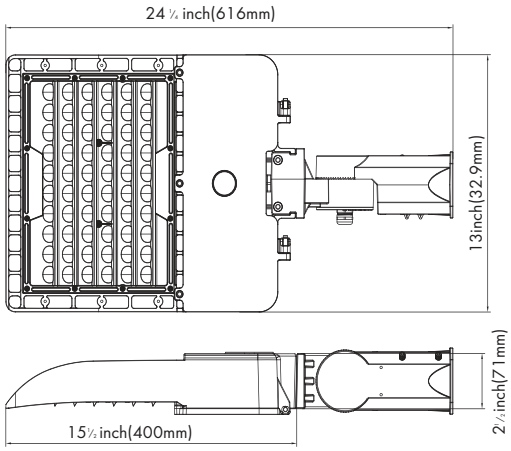
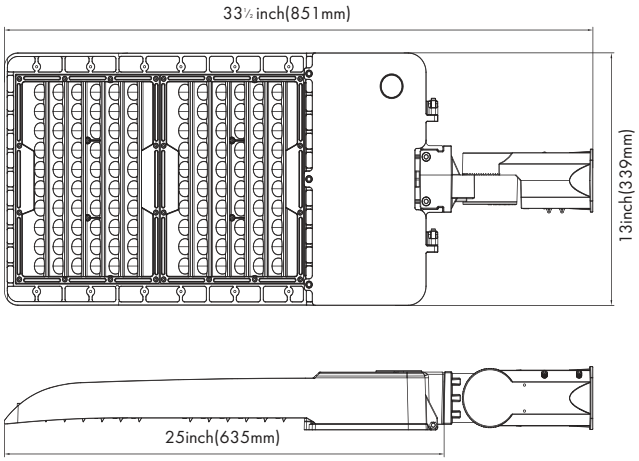
Mounting Options

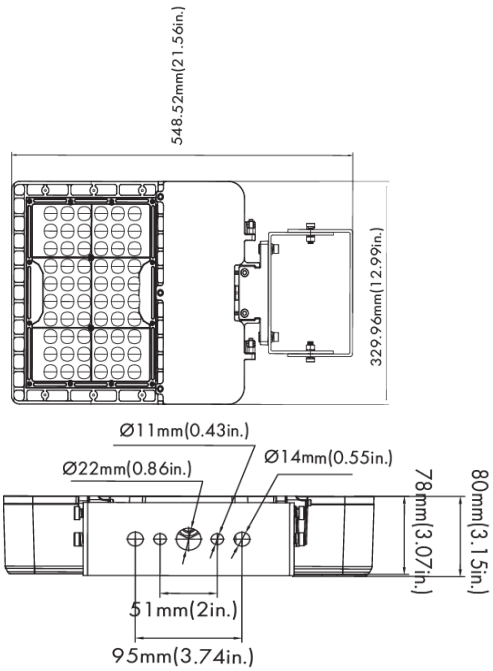


Slipfitter Mount (SPAPK)- An optional cast aluminum arm adapter secures fixture head to nominal 2-3/8" O.D. horizontal steel tenon arm.





Trunnion Mount (TM-APK)- Easy installation trunnion mount for any flat surface with Trunnion Mount. Adjustable angle allows custom beam direction.



Multi Direction Mount (UNVMAPK)

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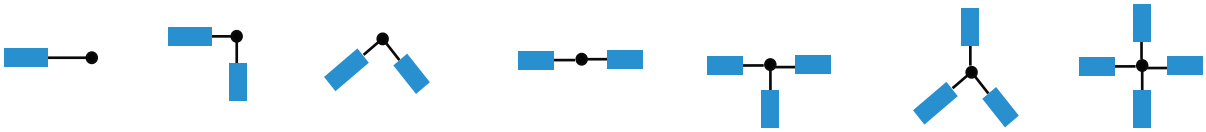
Date:

Performance Data

		4000K		5000K	
DIST. TYPE	WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY
III	100W	14200lm	142lm/W	14200lm	142lm/W
IV	100W	14200lm	142lm/W	14200lm	142lm/W
V	100W	14800lm	148lm/W	14800lm	148lm/W
III	150W	21200lm	141lm/W	21200lm	141lm/W
IV	150W	21200lm	141lm/W	21200lm	141lm/W
V	150W	22200lm	148lm/W	22200lm	148lm/W
III	200W	28000lm	140lm/W	28000lm	140lm/W
IV	200W	28000lm	140lm/W	28000lm	140lm/W
V	200W	28000lm	144lm/W	28000lm	144lm/W
III	240W	34000lm	142lm/W	34000lm	142lm/W
IV	240W	34000lm	142lm/W	34000lm	142lm/W
V	240W	35500lm	148lm/W	35500lm	148lm/W
III	300W	42500lm	142lm/W	42500lm	142lm/W
IV	300W	42500lm	142lm/W	42500lm	142lm/W
V	300W	43700lm	146lm/W	43700lm	146lm/W
III	350W	50000lm	143lm/W	50000lm	143lm/W
IV	350W	50000lm	143lm/W	50000lm	143lm/W
V	350W	51000lm	146lm/W	51000lm	146lm/W

EPA of Area Light:



100W/150W/200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
240W/300W/350W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294

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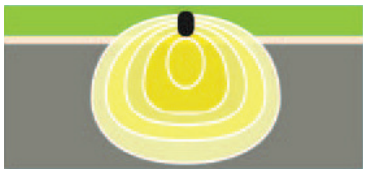
Fixture Type:

Project Name

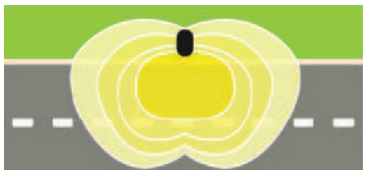
Location:

Date:

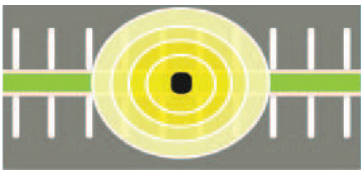
Distribution Type



Type 3 - optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back to back configuration, it creates rectangular pattern which can extend pole spacings



Type 4 - is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type 5 - optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting application.

Optional Accessories

Photocell

- SKU: ALPC / ALPC-HV(for high voltage)
- Dusk to dawn 3 PIN twist lock photocell
- Switch life is greater than 5000 cycles
- Reduce maintenance cost and energy consumption
- UL List global safety certification

Motion Sensor

- SKU: BL-PIR823-IN
- Internal installed PIR Motion Sensor
- Provides multi-level control based on motion and daylight contribution
- It controls 0-10V VDC LED Driver
- Rated for wet and cold locations

Glare Shield

- SKU: GLARESHIELDEPK-S/M/L
- External installed back light control shield

Glare Full Visor

- SKU: GLARESHIELDEPK-S/M/L
- External installed back light control shield

For the accessories detail, please visit www. lironlighting.com/product_categories/add-on-accessories

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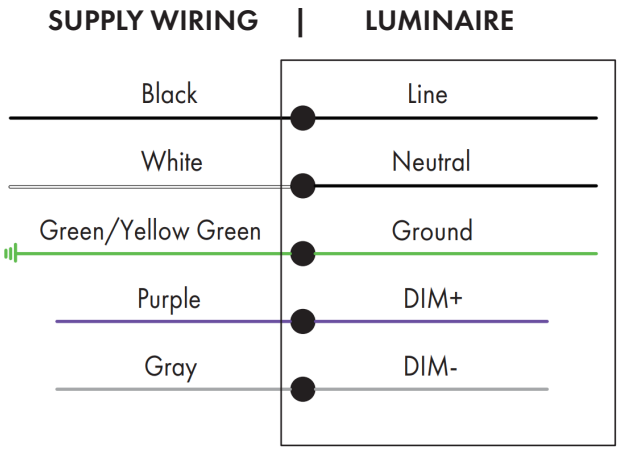
Wiring Diagram



Scan the QR code or visit
www.lironlighting.com/product /ledapk
for the complete luminaire installation guide.

NOTE:

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