LiRON LiGHTING

LEDAPK Series Architecture Area Light

Features

- Slim,low profile design minimized wind load requirements
- Rugged die cast aluminum 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

10 YEAR WARRANTY | IP65 | FC | DLC PREMIUM | UL CERTIFIED E489430

Dimension

15 ½ inch(400mm) | 13 inch(329mm)

25 inch(635mm) | 13 ½ inch(339mm)

80mm(3 ¹/₆ in.)

Product Performance Standard

Size	15½ "L /25"L	**Power Factor**	90%
Weight	15 lb/25lb	**LED Lifespan**	100,000 Hrs
IPRate	IP65	**Dimmable**	1-10V Dimming
ColorTemp	4000K-5000K	**THD**	20%
CRI	70	**Distribution Type**	Type III/IV/V
InputVoltage	120-277V OR 347-480V	**AmbientOperation Temperature**	-40C° (-40°F) ~45C °(113°F)
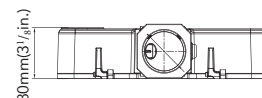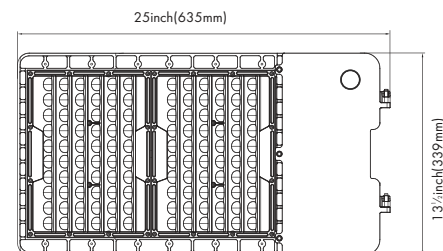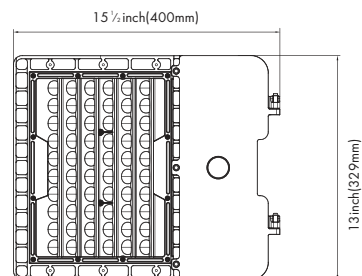
Ordering Guide Example: LEDAPK100W50K4

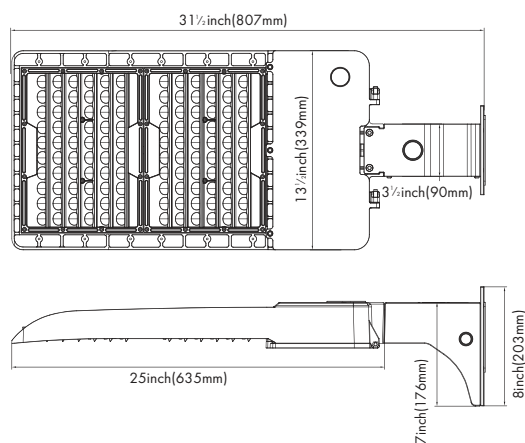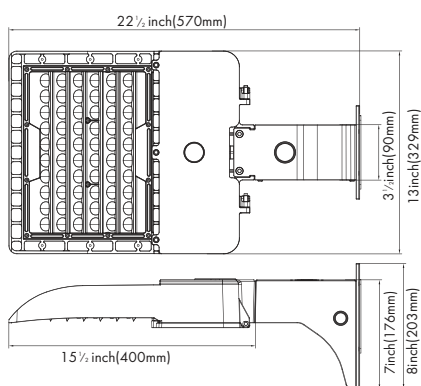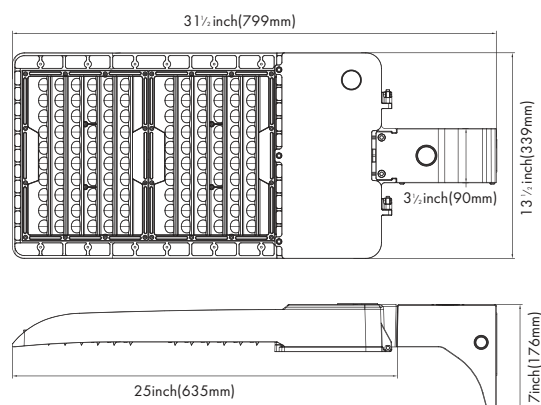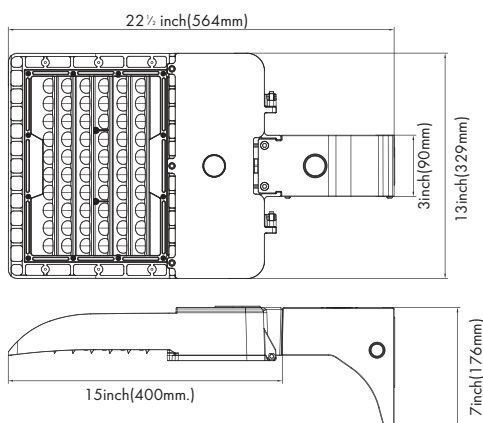| Fixture type	Wattage	Color Temp.	Voltage	Optical	Finish	Mounting	Optional Accessories
LEDAPK	100W	40K=4000K	Blank = 120-277V	3 = Type III	Blank = Dark Bronzed	WM = Wall Mount	Blank = No Accessories
	150W	50K=5000K	HV = 347-480V	4 = Type IV	BK = Black	AM = Arm mount	PC = Photocell (ALPC)
	200W			5 = Type V	WH = White	SP = Slipfitter	MS = Motion Sensor (BL-PIR-INT)
	240W					TM = Trunnion Mount	GL = Glare Shield (GLARESHIELD-APK M/L)
	300W						FGL = Full Glare Shield (GLARESHIELD-APK M/L Full)
	350W						

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Mounting Option

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)

22½ inch(570mm)

3½inch(90mm)

13inch(329mm)

15½ inch(400mm)

7inch(176mm)

8inch(203mm)

31½ inch(807mm)

13¾inch(339mm)

3½inch(90mm)

25inch(635mm)

7inch(176mm)

8inch(203mm)

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

22½ inch(564mm)

3inch(90mm)

13inch(329mm)

15inch(400mm.)

7inch(176mm)

31½ inch(799mm)

13½ inch(339mm)

3½inch(90mm)

25inch(635mm)

7inch(176mm)

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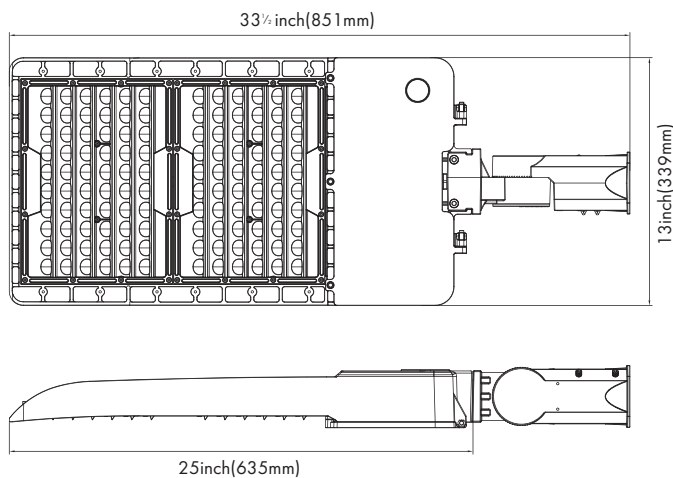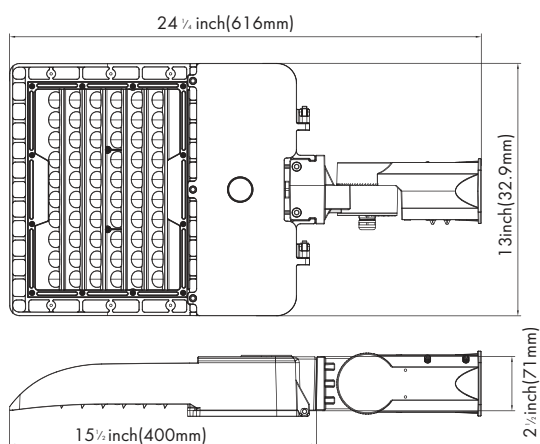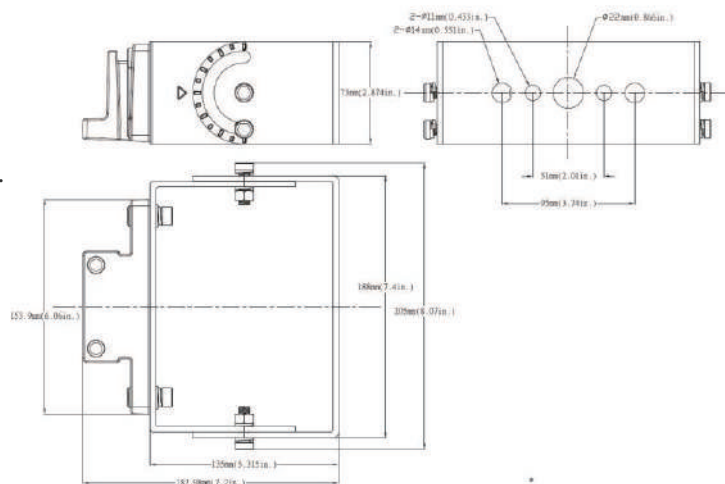
Slipfitter Mount - An optional cast aluminum arm adapter secures fixture head to nominal 2-3/8″ O.D. horizontal steel tenon arm.

24 ¼ inch(616mm)

13inch(32.9mm)

15½ inch(400mm)

2¾ inch(71 mm)

33½ inch(851mm)

13inch(339mm)

25inch(635mm)

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

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Performance Data

DIST.TYPE	WATTAGE	4000K LUMEN	4000K EFFICACY	5000K LUMEN	5000K 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	28800lm	144lm/W	28800lm	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

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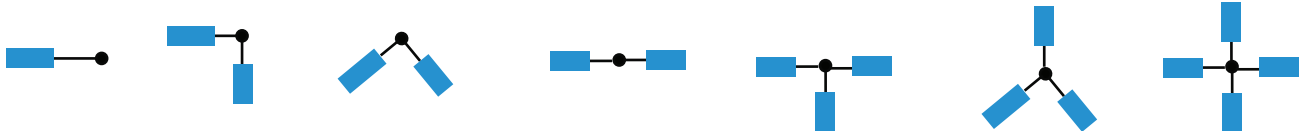
|							
100W/150W/200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
240W/300W/350W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294

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
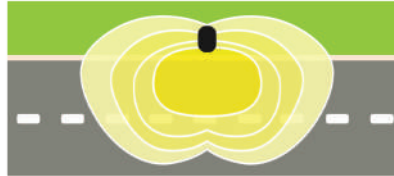
Type 4 - is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.
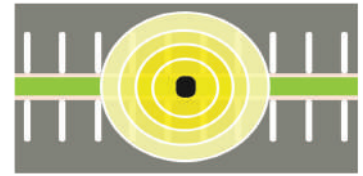
Type 5 - optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting application.

Optional Accessories

Photocell

- SKU: ALPC
- 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-PIR-INT
- 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/
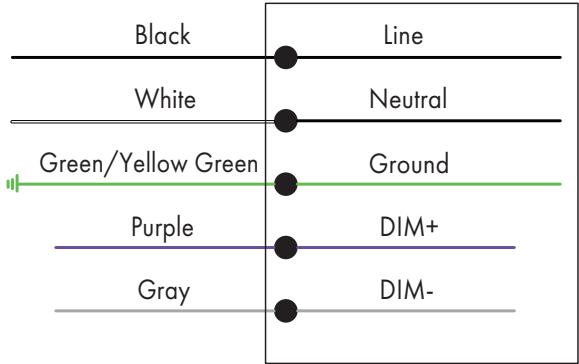
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Wiring Diagram

CORD/ SUPPLY WIRING	LUMINAIRE
Black	Line
White	Neutral
Green/Yellow Green	Ground
Purple	DIM+
Gray	DIM-

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

Note:

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