

LEDEPK Series

ECO Area Light

Fixture Type:

Project Name

Location:

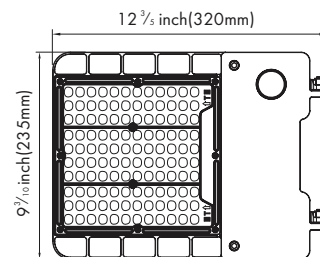
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Features

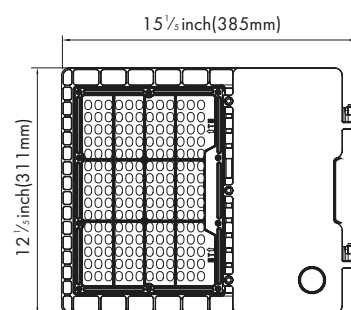
- Slim, low profile design minimized wind load requirements
- Rugged die cast aluminum housing with weather-tight integral LED driver compartment
- Vibration rating of 3G or greater per ANSC136.31
- TM21 rating of L90 or greater at 25C, determined at 50,000 hours
- Photometry compliant with IESNA LM79
- Correlated color temperature (CCT) of 4000K/5000K +/-275k
- Temperature rating of -40°C or greater
- Optical assembly of fixture rated at IP-66
- 10 year warranty



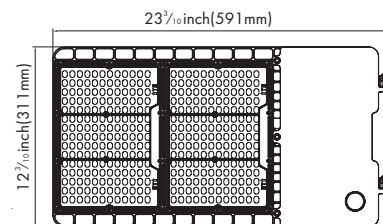
Dimensions



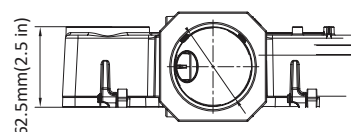
40W/70W/100W



150W/200W



250W/300W



Product Performance Standard

Size:	See dimension chart	Efficacy:	Up to 143 lm/W
Weight:	8 lb/12 lb/18lb	LED Life Span:	100,000 Hrs
IP Rate:	IP66	Dimmable:	1-10V dimming
Color Temp:	4000K-5000K	THD:	≤20%
CRI:	70	Distribution Type:	Type III/IV/V
Input Voltage:	120-277V or 347-480V	Ambient Operation Temperature:	-40°C (-40°F) ~45°C (113°F)

Ordering Guide

Example: LEDEPK70W50K4

Fixture Type	Wattage	Color Temp.	Voltage	Optical	Finish	Mounting	Optional Accessories ²
LEDEPK	40W 45W 70W 100W 150W 200W 250W 300W	40K = 4000K 50K = 5000K	Blank = 120-277V ³ 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 UNVMEPK=Universal Mount	Blank = No accessories PC = Photocell (ALPC) (ALPC-HV) ² MS = Motion Sensor (BL-PIR823-IN)

Note: 1. Premium finish incur on additional cost, consult factory for the availability
2. Motion sensor only available for low voltage fixture
3. 100W is not available for high voltage
4. The Watt is 40W when the voltage is 120-277V, while when it is 347-480, the watt is 45W

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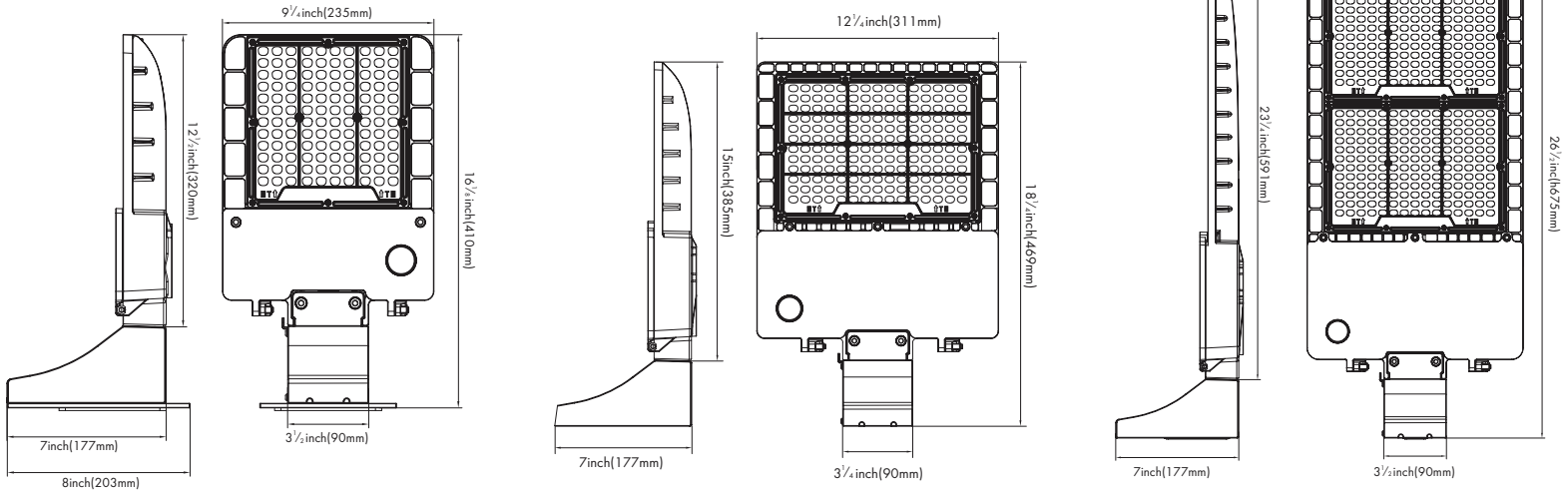
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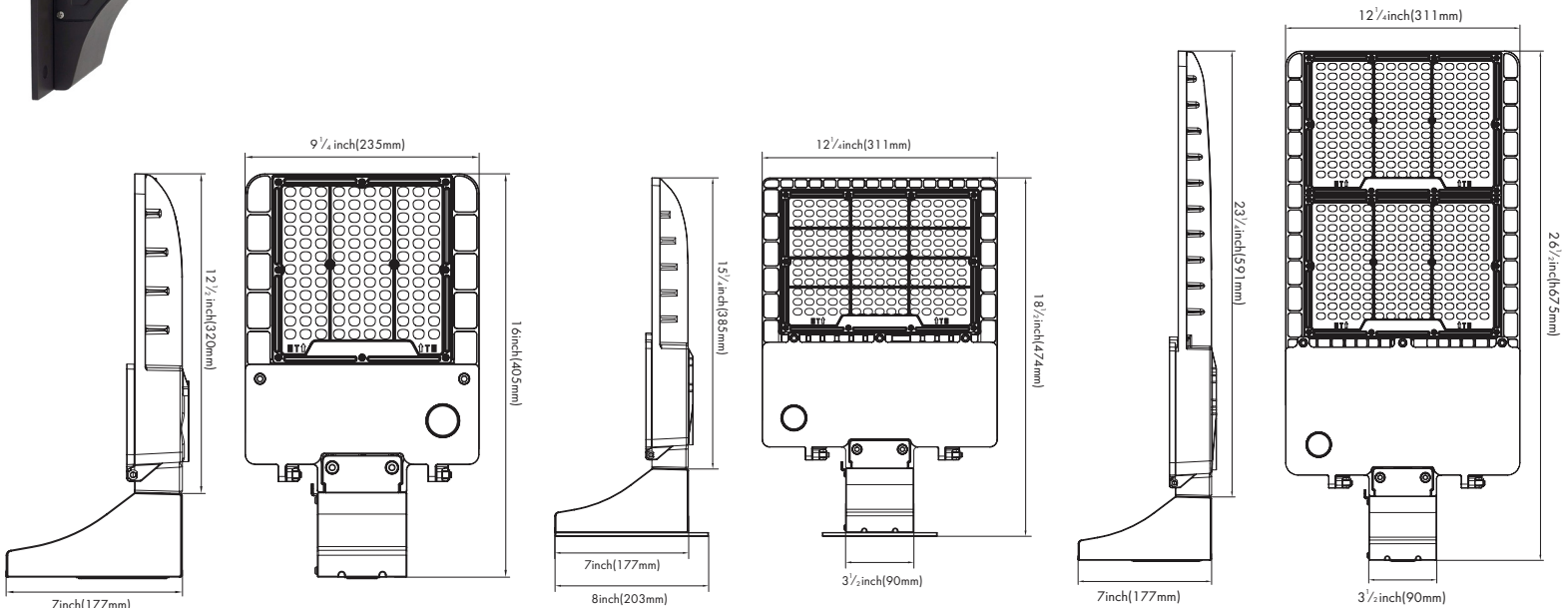
Mounting Options



Arm Mount - Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations. (3", 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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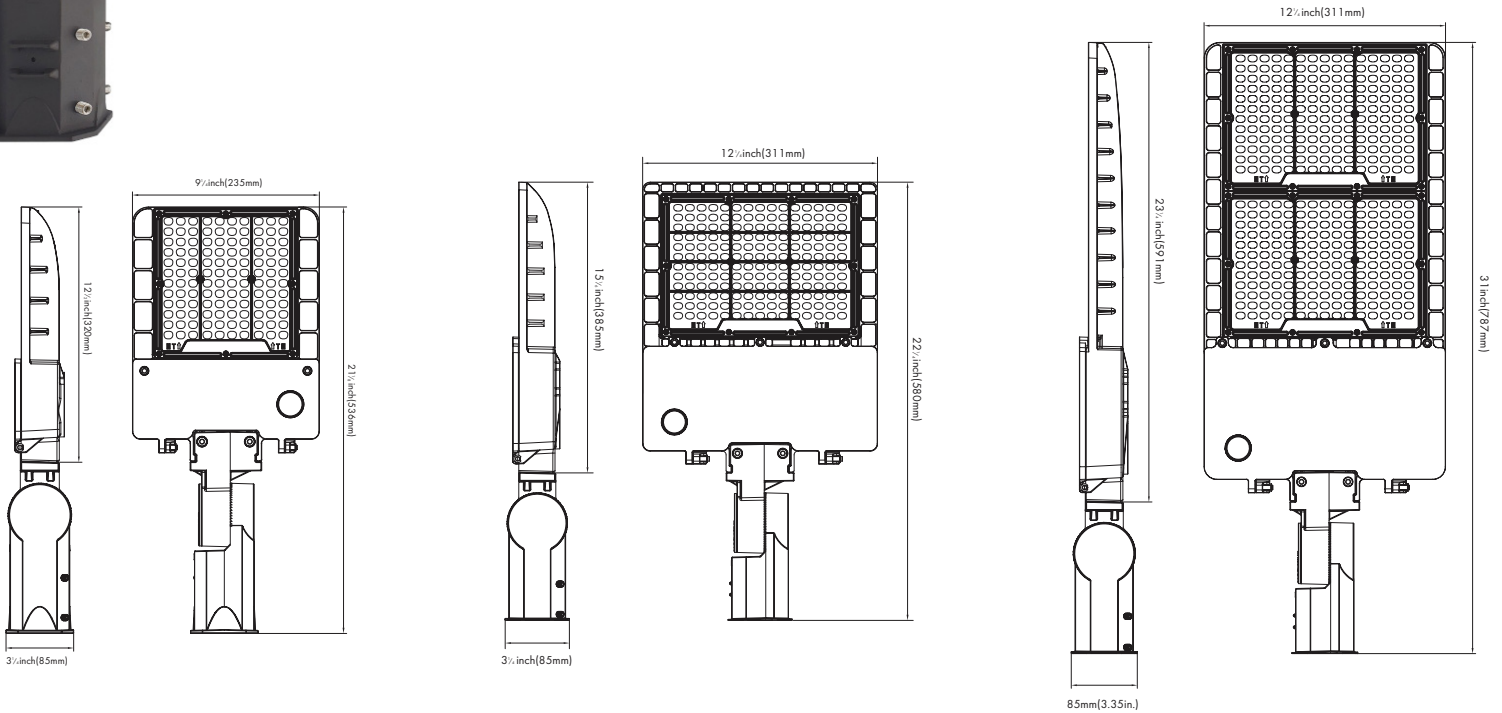
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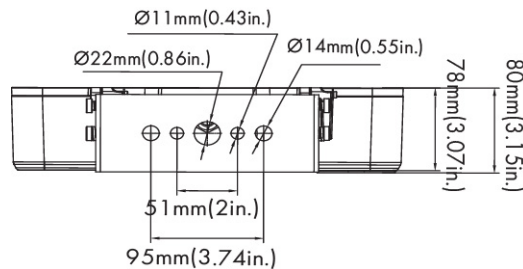
Mounting Options



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



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



Universal Mount - Adjustable universal mount allow custom beam direction.
(Must install on the wall mount or pole mount.)

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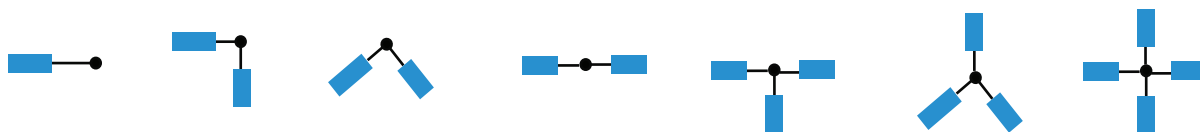
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Performance Data

		4000K		5000K	
DIST. TYPE	WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY
III	40W	5400lm	135lm/W	5500lm	138lm/W
IV	40W	5360lm	134lm/W	5480lm	137lm/W
V	40W	5600lm	140lm/W	5720lm	143lm/W
III	70W	9500lm	136lm/W	9600lm	137lm/W
IV	70W	9310lm	133lm/W	9450lm	132lm/W
V	70W	9730lm	139lm/W	9800lm	140lm/W
III	100W	13500lm	136lm/W	13800lm	138lm/W
IV	100W	13200lm	132lm/W	13300lm	133lm/W
V	100W	13800lm	138lm/W	13900lm	139lm/W
III	150W	20500lm	137lm/W	20800lm	139lm/W
IV	150W	19800lm	132lm/W	20000lm	133lm/W
V	150W	20500lm	137lm/W	20800lm	139lm/W
III	200W	25500lm	128lm/W	26000lm	130lm/W
IV	200W	24600lm	123lm/W	24800lm	124lm/W
V	200W	25500lm	128lm/W	26000lm	130lm/W
III	250W	34000lm	136lm/W	34500lm	138lm/W
IV	250W	33250lm	133lm/W	33750lm	135lm/W
V	250W	34750lm	139lm/W	35250lm	141lm/W
III	300W	41500lm	138lm/W	42000lm	140lm/W
IV	300W	39600lm	132lm/W	39900lm	133lm/W
V	300W	41500lm	138lm/W	42000lm	140lm/W

EPA of Area Light:



40W/70W/100W	0.3413	0.5929	0.7983	0.6826	1.0239	1.0499	1.0239
150W/200W	0.4230	0.7350	0.8730	0.8460	1.1580	1.1851	1.1580
250W/300W	0.4094	0.7227	0.9919	0.8856	1.1986	1.3049	1.1986

Wattage	Voltage	B	U	G
40W	120-277W/347-480W	1	0	1
70W	120-277W/347-480W	2	0	2
100W	120-277W/347-480W	2	0	2
150W	120-277W/347-480W	3	0	3
200W	120-277W/347-480W	3	0	3
250W	120-277W/347-480W	4	0	4
300W	120-277W/347-480W	4	0	4

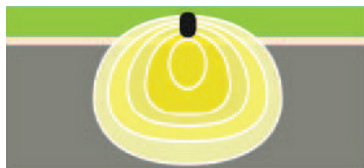
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Distribution Type



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(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



Microwave Motion Sensor

- SKU: BL-816BD-MCW
- Internal installed Microwave 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



Wiring Diagram

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

NOTE: