

# LEDEPK Series

ECO Area Light

**Fixture Type:**

**Project Name**

**Location:**

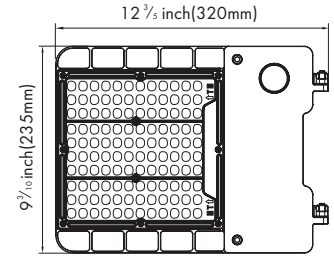
**Date:**

## Features

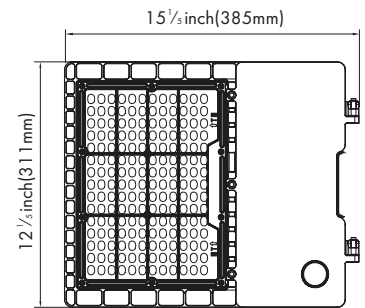
- Slim, low profile design minimized wind load requirements
- Rugged die cast aluminum housing with weather-tight integral LED driver compartment
- Vibration rating of 3G or greater per ANSC136.31
- TM21 rating of L90 or greater at 25C, determined at 50,000 hours
- Photometry compliant with IESNA LM79
- 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



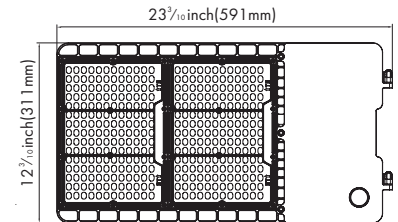
## Dimensions



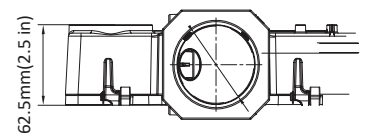
**40W/70W/100W**



**150W/200W**



**250W/300W**



## Product Performance Standard

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

## Ordering Guide

Example: LEDEPK70W50K4

Fixture Type	Wattage	Color Temp.	Voltage	Optical	Finish	Mounting	Optional Accessories <sup>2</sup>
LEDEPK	40W	40K = 4000K	Blank = 120-277V	3 = Type III	Standard Finish:	WM = Wall Mount	Blank = No accessories
	70W	50K = 5000K	<sup>3</sup> HV = 347-480V	4 = Type IV	Blank = Dark Bronzed	AM = Arm mount	PC = Photocell
	100W			5 = Type V	<sup>1</sup> Premium Finish:	SP = Slipfitter	(ALPC)
	150W				BK = Black	TM = Trunnion Mount	(ALPC-HV)
	200W				WH = White		<sup>2</sup> MS = Motion Sensor
	250W						(BL-PIR-INT)
	300W						

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



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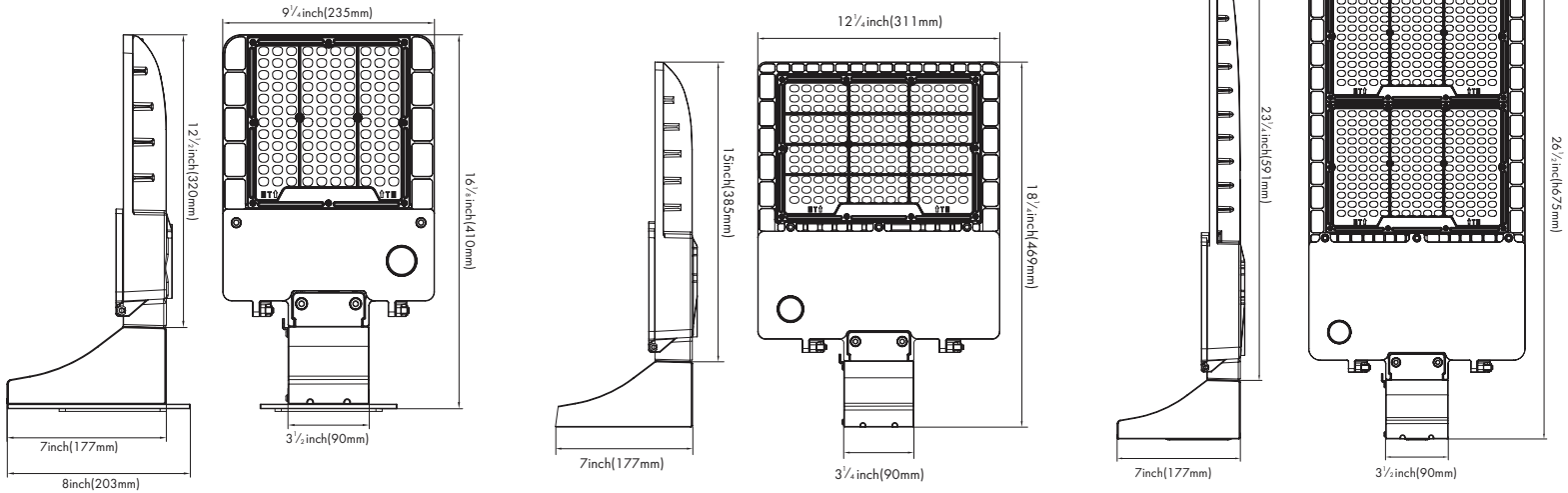
**Location:**

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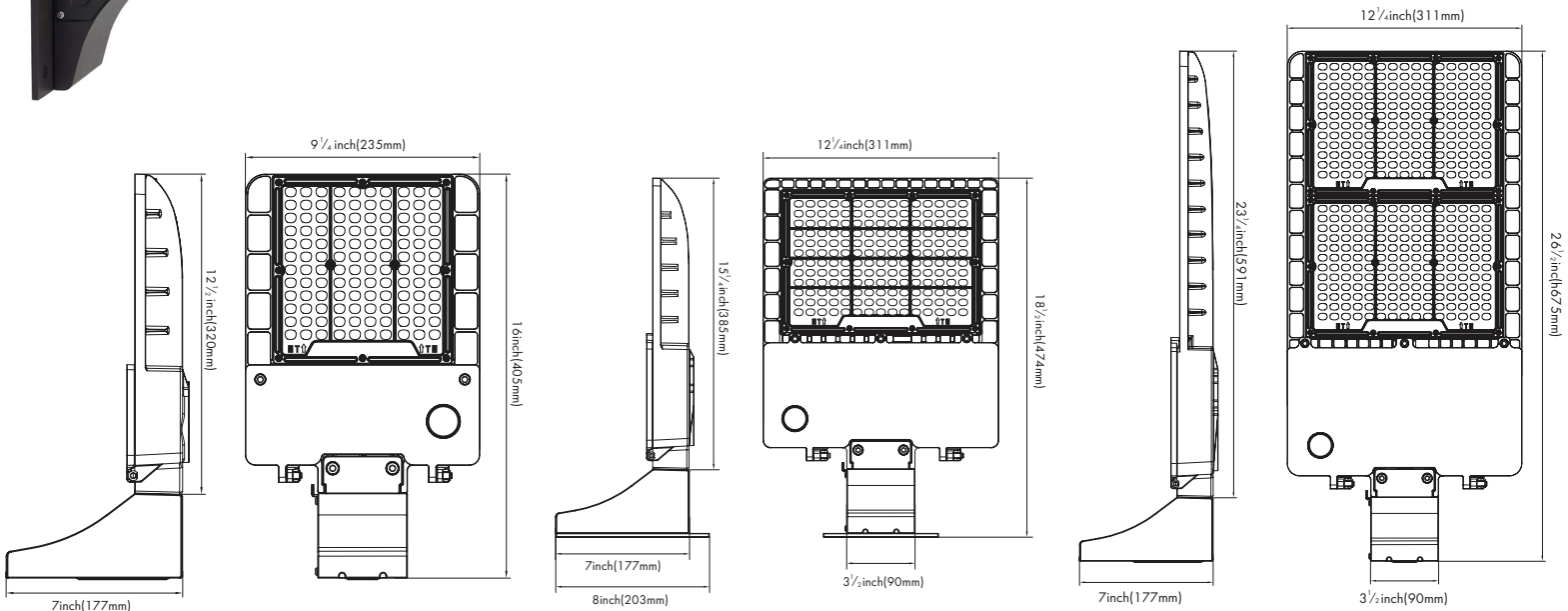
## Mounting Options



**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.

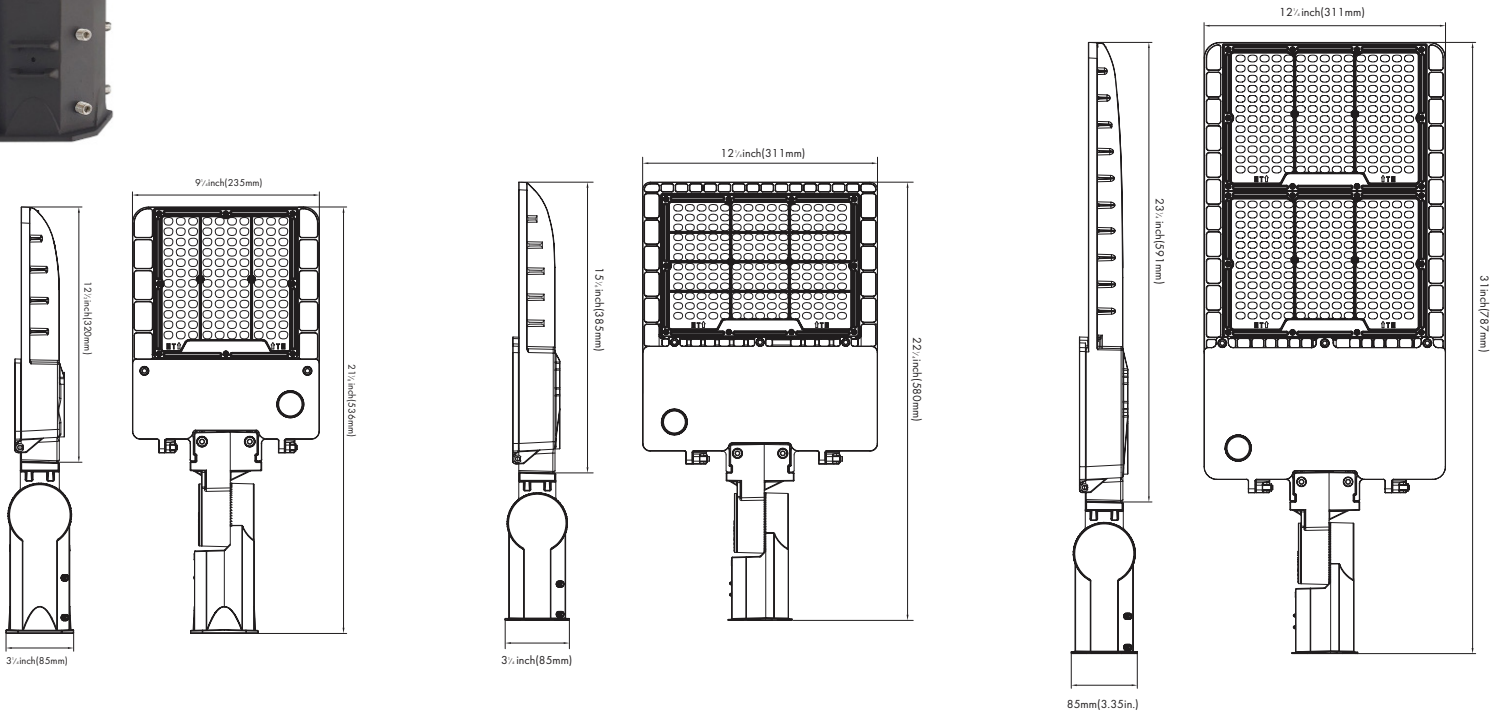


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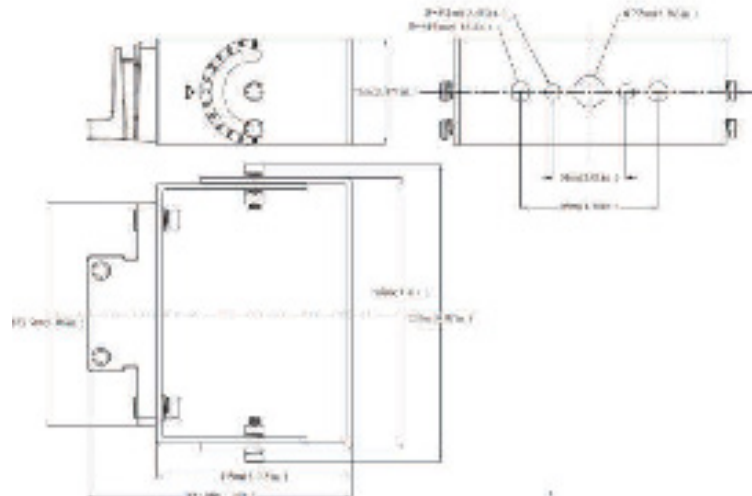
## Mounting Options



**Slipfitter Mount** - 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.



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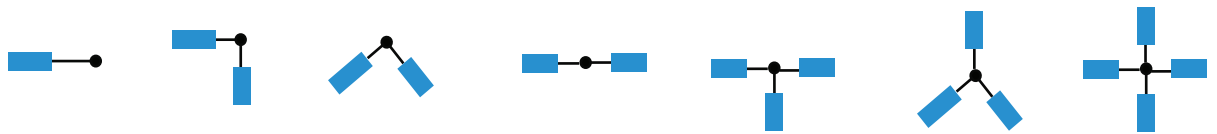
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## Performance Data

DIST. TYPE	WATTAGE	4000K		5000K	
		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:



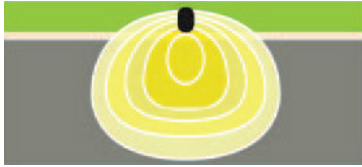
40W/70W/100W	0.3413	0.5929	0.7983	0.6826	1.0239	1.0499	1.0239
150W/200W	0.4230	0.7350	0.8730	0.8460	1.1580	1.1851	1.1580
250W/300W	0.4094	0.7227	0.9919	0.8856	1.1986	1.3049	1.1986

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

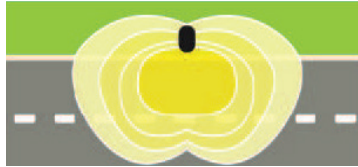


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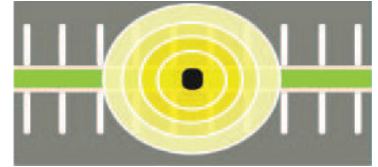
## Distribution Type



**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
- 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



### 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

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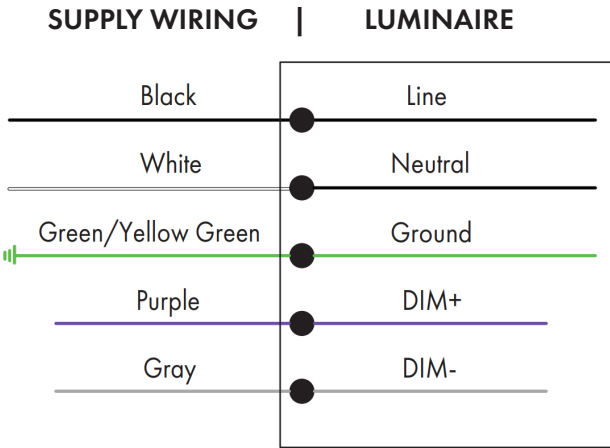
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### Wiring Diagram



Scan the QR code or visit  
[www.lironlighting.com/product/ledepk](http://www.lironlighting.com/product/ledepk)  
for the complete luminaire installation guide.

### NOTE:

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