

# LEDEPK Series ECO Area Light

**Fixture Type:**

**Project Name:**

**Location:**

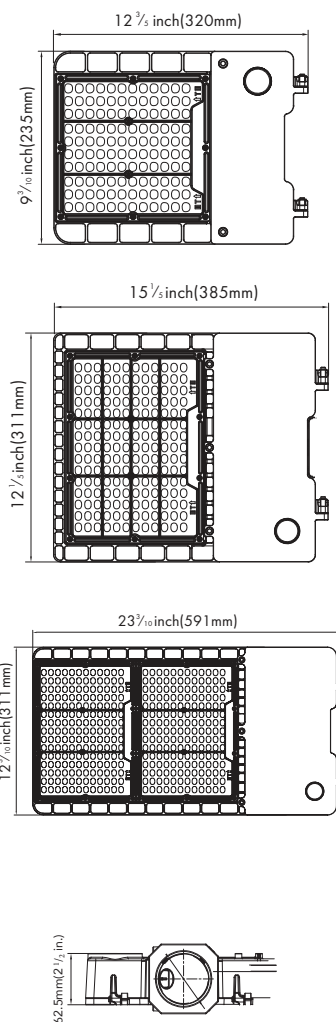
**Date:**

## Features

- Slim, low profile design minimized wind load requirements
- Rugged die cast aluminum housing with weather-tight integral LED driver compartment
- TM21 rating of L90 or greater at 25 C, determined at 50,000 hours
- Photometry compliant with IESNA LM79
- Correlated color temperature (CCT) of 4000K/5000K +/-275K
- Temperature rating of -40 °C to 45 °C or greater
- Optical assembly of fixture rated at IP-66
- 10 year warranty
- DesignLightConsortium™ Qualified



## Dimension



## Product Performance Standard

<b>Size</b>	See dimension chart	<b>Efficacy</b>	Up to 143 lm/W
<b>Weight</b>	8 lb/12lb/18lb	<b>LED lifespan</b>	100,000 Hrs
<b>IPRATE</b>	IP66	<b>Dimmable</b>	1-10V Dimming
<b>ColorTemp</b>	4000K-5000K	<b>THD</b>	≤20%
<b>CRI</b>	70	<b>Distribution Type</b>	Type III/IV/V
<b>InputVoltage</b>	120-277V OR 347-480V	<b>AmbientOperation Temperature</b>	-40C° (-40°F) ~45C° (113°F)

## Ordering Guide Example: LEDEPK70W50K4

Fixture type	Wattage	Color Temp.	Voltage	Optical	Finish	Mounting	Options
LEDEPK	40W	40K=4000K	Blank = 120-277V	3 = Type III	Blank = Dark Bronzed	WM = Wall Mount	Blank = No option
	70W	50K=5000K	HV = 347-480V	4 = Type IV	BK = Black	AM = Arm mount	PC = Photocell (ALPC)
	100W			5 = Type V	WH = White	SP = Slipfitter	MS = Motion Sensor (BL-PIR-INT)
	150W					TM = Trunnion Mount	GL = Glare Shield (GLARESHIELD-EPK-S/M/L)
	200W						
	250W						
	300W						



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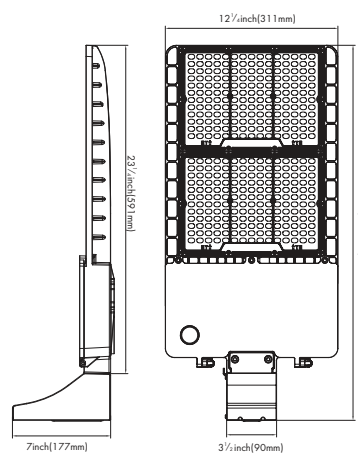
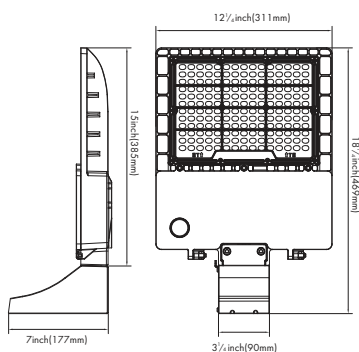
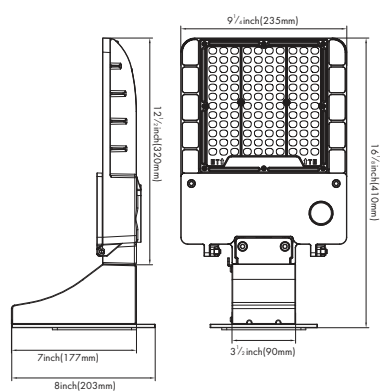
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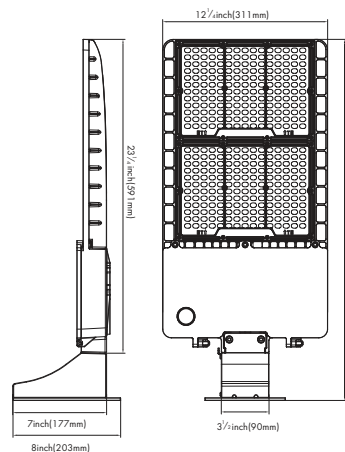
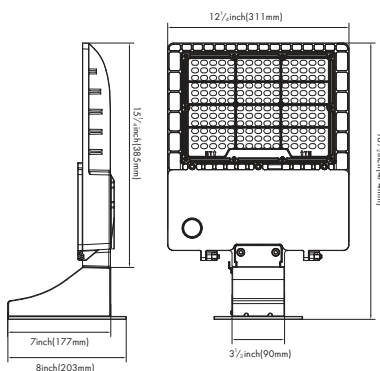
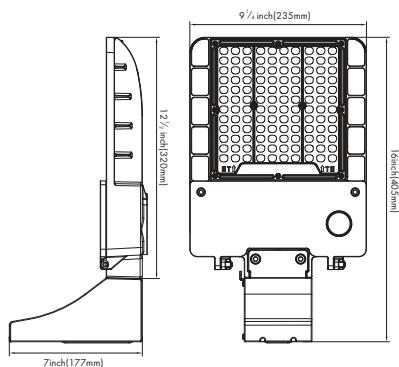
## Mounting Option



**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)



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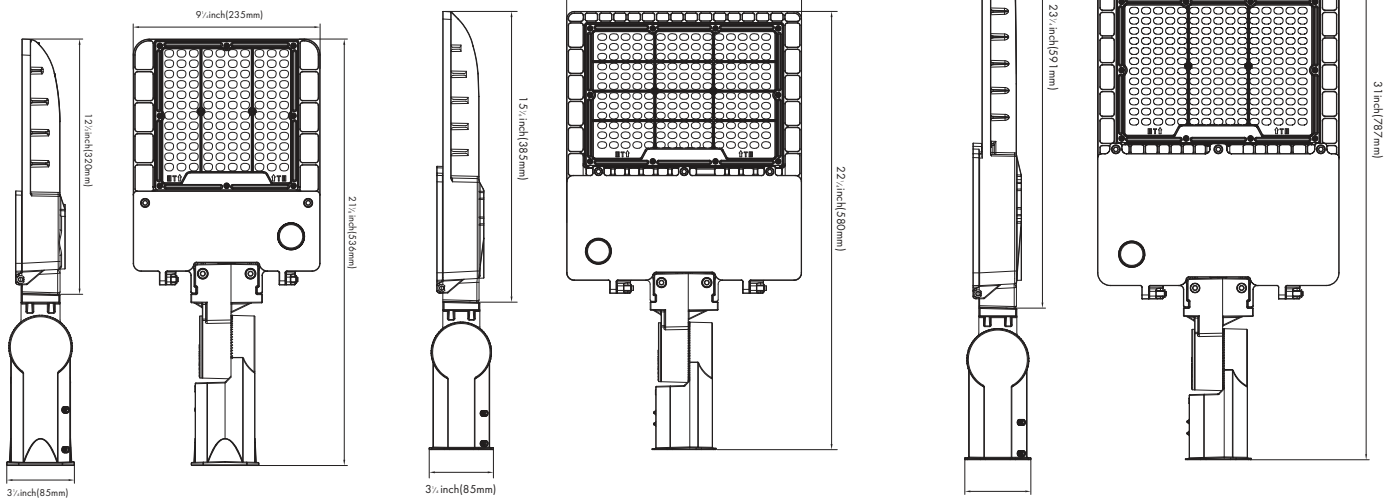
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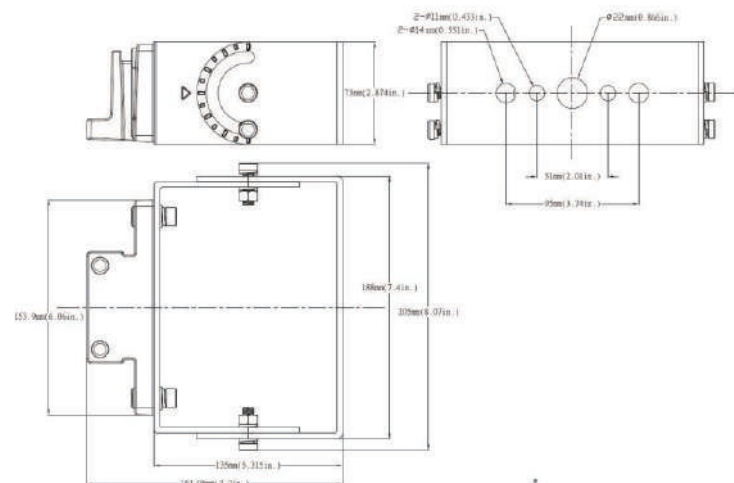
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**Slipfitter Mount** - An optional cast aluminum arm adapter secures fixture head to nominal 2-3/8" O.D. horizontal steel tenon arm.



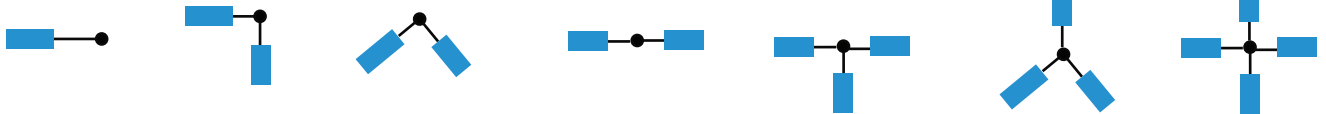
**Trunnion Mount** - Easy installation trunnion mount for any flat surface with Trunnion Mount. Adjustable angle allows custom beam direction.



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## Performance Data

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	131lm/W	9600lm	137lm/W
IV	70W	9310lm	130lm/W	9450lm	132lm/W
V	70W	9730lm	136lm/W	9800lm	140lm/W
III	100W	13500lm	135lm/W	13800lm	137lm/W
IV	100W	13200lm	132lm/W	13300lm	132lm/W
V	100W	13800lm	138lm/W	13900lm	140lm/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

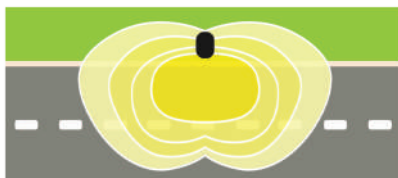
**Epa Of Area Light**


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

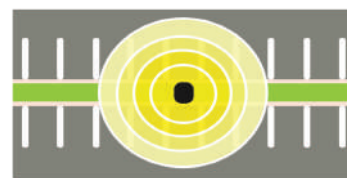
## Distribution Type



**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

For the accessories detail, please visit [www.lironlighting.com/product\\_categories/add-on-accessories/](http://www.lironlighting.com/product_categories/add-on-accessories/)



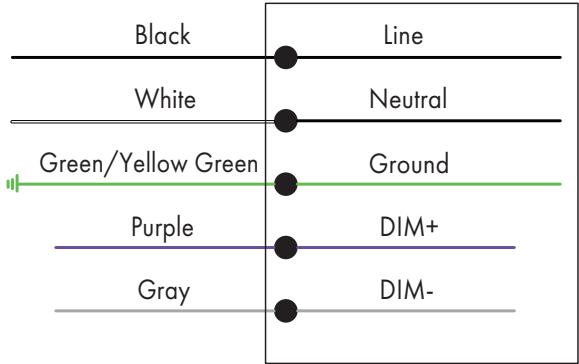
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## Wiring Diagram

CORD/ SUPPLY WIRING

LUMINAIRE



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

Note:

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