

WATTAGE ADJUSTABLE LED AREA LIGHT

LEDAREA1000051335 - LG-AR-50/80/100/150W-5K-YY-BZ
LEDAREA1000051336 - LG-AR-150/200/240/300W-5K-YY-BZ

LUMEGEN®



Project:	
Type:	
Catalog #:	



The Wattage Adjustable LED Area Light are designed to illuminate roadways, walkways, parking lots, building exteriors, loading docks, and many other large outdoor area. This LED area light represents the classic shape of an HID area light with thin profile and quicker installation process to reduce installation time by 50%. This LED area light is suitable for wet locations.

Product Features

- **Color Temperature:** Available in 5000K
- **Power Use:** Wattage Adjustable with 4 wattages to select from with 142 lumens per watt (LPW).
- **Housing Construction:** Aluminum Housing with heat sink, dark brown powder coated finish.
- **Optical Lens:** heat-resistant polycarbonate (PC) lens, anti-UV and flame resistant.
- **Optical Distribution:** Type III
- **LEDs:** LUMILEDS 2835 LED Chips
- **LED Life Hours:** Rated to last 50,000 hours
- **Driver:** AC100-277V, 50/60Hz, 0-10V Dimming
- **Power Factor (PF):** > 0.90
- **Total Harmonic Distortion (THD):** <15%
- **Color Rendering Index (CRI):** > 70
- **Operating Temperature:** -40°F ~ 122°F (-40°C ~ 50°C)
- **Surge Protection:** 10kV Standard
- **Sensors:** Photocell sensor pre-wired
- **Warranty:** 5 year warranty of all electronics and housing.

Safety & Performance Listings

- cULus listed for wet locations
- IP65 rated.
- DLC Premium V5.1
- Complies with RoHS requirements.
- Complies with FCC Part 15, class B.
- ICES Certifications

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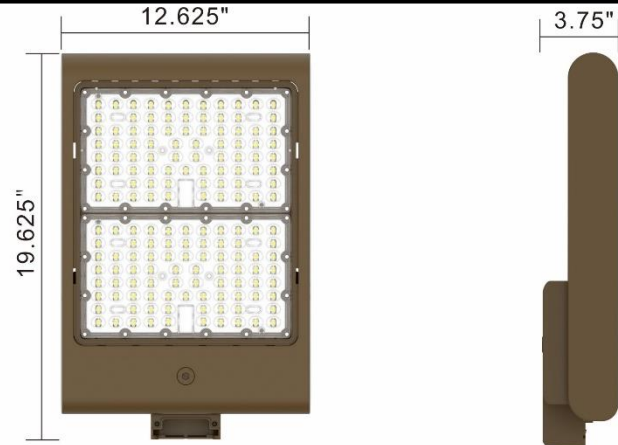
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Dimensions (without mounts)



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Electrical Specifications

SKU	Model	Watts	Lumens	LPW
LEDAREA1000051335	LG-AR-50/80/100/150W-5K-YY-BZ	50/80/100/150	7050/11,280/14,100/21,150	142
LEDAREA1000051336	LG-AR-150/200/240/300W-5K-YY-BZ	150/200/240/300	21,150/28,200/33,840/42,300	142

SKU	Model	Optics	CCT	Ra	Voltage	Dimming
LEDAREA1000051335	LG-AR-50/80/100/150W-5K-YY-BZ	Type III	5000K	>70	100-277	0-10V/PWM/VR
LEDAREA1000051336	LG-AR-150/200/240/300W-5K-YY-BZ	Type III	5000K	>70	100-277	0-10V/PWM/VR

Photocell Sensor Option



The built-in photocell eye is located under the circled black cap on the back of the light.

Remove cover to utilize built-in photocell function.

Leave cover in place to prevent photocell function.

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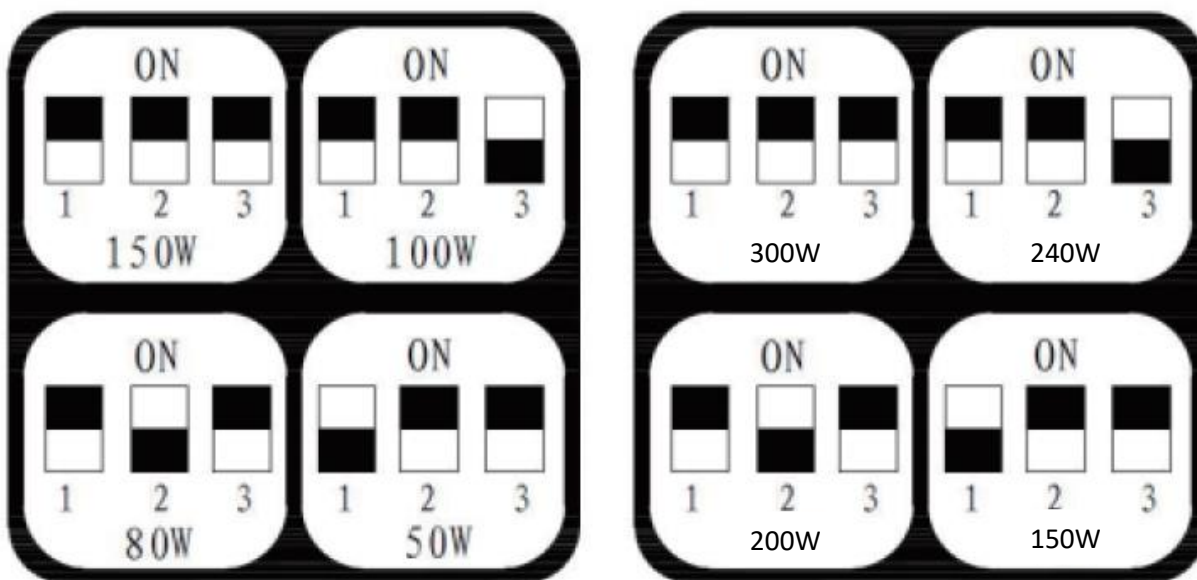
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Wattage Adjustable Instructions

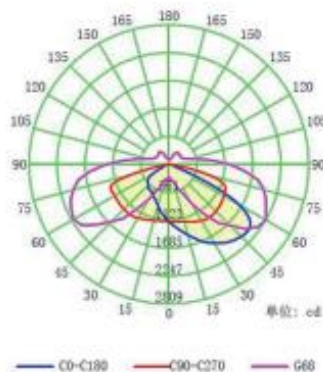


The dip-switches to select wattage is located on the back of the light circled to the left.
 See below diagrams for how to select wattages for each light.



Photometrics

Package Information



TYPE III

Model	Master carton size (inch)			quantity/ carton	Gross weight(LBS)
	L	W	H		
LG-AR-50/80/100/150W-5K-YY-BZ	14.76	14.76	5.91	1	9.90
LG-AR-150/200/240/300W-5K-YY-BZ	21.77	14.76	6.30	1	16.06

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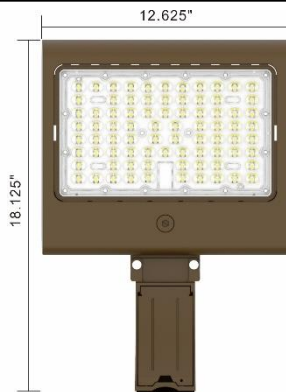
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Mounting Accessories (Sold Separately)



Straight Arm Mount
LEDMKAL1000051339



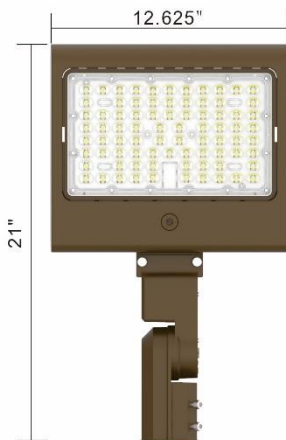
LEDAREA1000051335
LG-AR-50/80/100/150W-5K-YY-BZ



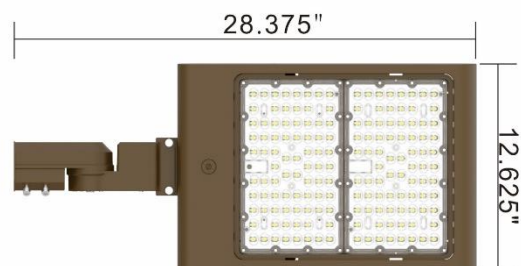
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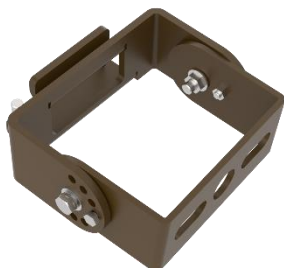
Slip Fitter Mount
LEDMKAL1000051338



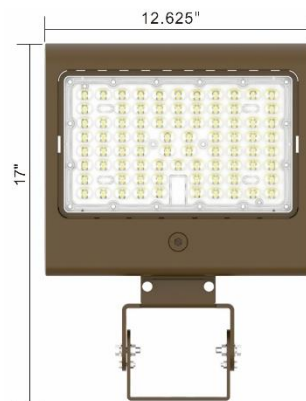
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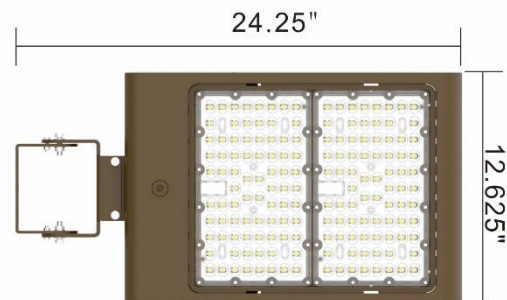
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Trunnion Bracket Mount
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