



MAGELLAN 09 SELECT AREA LIGHT

SPECIFICATION SHEET

ECO-J-AR09-150/120/100W -H-PC-3CCT-T3 WITH PHOTOCELL BASE

Magellan 09 Select Area Light

ECO-J-AR09-150/120/100W -H-PC-3CCT-T3

with photocell base 09

120-277 V AC / 277-480 V AC / 120-277



KEY SPECS

POWER

100–500W

Field-selectable output

COLOR

3CCT

3000 / 4000 / 5000 K

EFFICACY

Up to 170lm/W

System efficacy

OPTICS

III

NEMA distribution

Magellan 09 Select Area Light delivers high-output area illumination with a die-cast aluminum housing and polycarbonate Type III lens for uniform roadway and parking-lot coverage. Drives are field-selectable across three wattage tiers and three CCTs, with 0-10V dimming and surge protection up to 10 kV on higher-wattage models. Three mounting brackets (slipfitter, direct, trunnion) and an optional plug-in microwave motion sensor or dusk-to-dawn photocell support flexible deployment. UL listed and DLC Premium qualified for utility rebates, backed by EcoLite's 10-year non-prorated warranty

FEATURES

- 01 Field-selectable wattage and CCT
- 02 High efficacy up to 170 lm/W
- 03 Type III polycarbonate optic
- 04 Die-cast aluminum housing, IP65 rated
- 05 0-10V dimming with 6-10 kV surge protection
- 06 UL listed and DLC Premium qualified

Parking lots

Roadways

Outdoor area lighting

Commercial & industrial sites



01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-J-AR09-150/120/100W -H-PC-3CCT-T3 with photocell base	100/120/150 W	3000/4000/5000 K	120-277 V AC
ECO-J-AR09-150/120/100W -L-PC-3CCT-T3 with photocell base	100/120/150 W	3000/4000/5000 K	120-277 V AC
ECO-J-AR09-150/120/100W -L-PC-3CCT-T3	100/120/150 W	3000/4000/5000 K	277-480 V AC
ECO-J-AR09-300/240/200W -H-PCX-3CCT-T3 with photocell base	200/240/300 W	3000/4000/5000 K	120-277 V AC
ECO-J-AR09-300/240/200W -L-PCX-3CCT-T3 with photocell base	200/240/300 W	3000/4000/5000 K	120-277 V AC
ECO-J-AR09-300/240/200W -L-PCX-3CCT-T3	200/240/300 W	3000/4000/5000 K	277-480 V AC
ECO-J-AR09-500W-L-DW5C3T3 with photocell base	300/500 W	3000/4000/5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	100/120/150 W	200/240/300 W	300/500 W
Input Voltage	120-277 V AC / 277-480 V AC	120-277 V AC / 277-480 V AC	277-480 V AC
Wattage	100 / 120 / 150 W	200 / 240 / 300 W	300 / 350 / 400 / 450 / 500 W
Lumen Output	25,500 lm	51,000 lm	80,000 lm
Efficacy (lm/W)	Up to 170 lm/W	Up to 170 lm/W	Up to 160 lm/W
Color Temperature (CCT)	3000 / 4000 / 5000 K (field-selectable)		
CRI	>80		
Beam Angle	Type III		
Dimming	0-10V		
Surge Protection	6 kV L/N-P	10 kV	10 kV
Operating Temperature	-40 to +50°C		
Ingress Protection (IP)	IP65		

03

ACCESSORIES & MOUNTING



TYPE IV LENS 150W

ECO-AR09-150W T4 Lens



TYPE V LENS 150W

ECO-AR09-150W T5 Lens



TYPE IV LENS 300W

ECO-AR09-300W T4 Lens



TYPE V LENS 300W

ECO-AR09-300W T5 Lens



SLIP FITTER

ECO-Type A - 09 Series



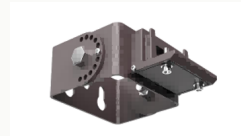
SLIP FITTER 500W

ECO-Type A for AR09 500W



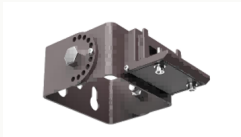
POLE MOUNT BRACKET

ECO-Type B - 09 Series



TRUNNION MOUNT

ECO-Type D - 09 Series



TRUNNION MOUNT 500W

ECO-Type D for AR09 500W



PIR SENSOR

ECO-ANT-6-4T PIR Sensor



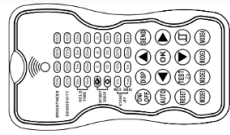
PHOTOCELL SENSOR

ECO-AR09 Shoebox Photocell



PHOTOCELL SENSOR 480V

ECO-AR09 Shoebox Photocell (480V)



REMOTE CONTROLLER

ECO-J-PT01-RC



REMOTE CONTROLLER

ECO-RC-100 (J-PT01-RC)



SHORTING CAP

ECO-Shorting Cap (AR05/07/09)



MOTION SENSOR

ECO-US002-02VR-2

04

DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT	WEIGHT
ECO-J-AR09-150/120/100W -H-PC-3CCT-T3 with photocell base	19.1" / 485 mm	11.1" / 282 mm	4.5" / 114 mm	6.2 lb
ECO-J-AR09-150/120/100W -L-PC-3CCT-T3	19.1" / 485 mm	11.1" / 282 mm	4.5" / 114 mm	6.2 lb
ECO-J-AR09-300/240/200W -H-PCX-3CCT-T3 with photocell base	22.3" / 566 mm	14.3" / 363 mm	4.5" / 114 mm	8.5 lb
ECO-J-AR09-300/240/200W -L-PCX-3CCT-T3	22.3" / 566 mm	14.3" / 363 mm	4.5" / 114 mm	8.5 lb
ECO-J-AR09-500W-L-DW5C3T3 with photocell base	28.1" / 714 mm	13.6" / 345 mm	2.6" / 66 mm	15.7 lb

Rectangular footprint · Dimensions ±0.2" · inches [mm]

05 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

- 1 Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.