EcoLite™
Leader in LED Lighting

MAGELLAN 09 SELECT AREA LIGHT SERIES
SPECIFICATION SHEET
ECO-J-AR09

Magellan 09 Select Area Light III

ECO-J-AR09
120-277 / 277-480


Magellan 09 Select Area Light Series

KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
100–500W	3CCT	170lm/W	III
Field-selectable output	3000 / 4000 / 5000 K	System efficacy	NEMA distribution

Magellan 09 Select Area Light Series is a die-cast aluminum outdoor luminaire with a polycarbonate Type III optic engineered for uniform roadway and parking-lot coverage. Field-selectable wattage and CCT let one fixture cover a wide output range, with 6–10 kV surge protection and an IP65-rated, wet-location housing rated to -40°C. The universal 120–277 V (or 277–480 V) driver supports 0–10 V dimming and optional dusk-to-dawn photocell and motion-sensor control. Three mounting brackets—slip fitter, direct mount, and trunnion—simplify field install. UL listed and DLC Premium qualified for utility rebates, backed by EcoLite's 10-year non-prorated warranty.

- Parking lots
- Roadways
- Outdoor area lighting
- Commercial site lighting

FEATURES

01 Field-selectable wattage and CCT
02 Die-cast aluminum housing with polycarbonate T3 lens
03 Efficacy up to 170 lm/W
04 IP65 wet-location rated
05 0-10V dimming with optional photocell and motion sensor
06 UL listed and DLC Premium qualified

ETL LISTED US · DLC LISTED PREMIUM · 10 Year Non-Prorated WARRANTY

POWER SELECT
MULTI-WATTAGE

COLOR SELECT
FIELD SELECTABLE

IP65
INGRESS
PROTECTED

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-J-AR09-150/120/100W-L-PC-3CCT-T3	100/120/150 W	3000/4000/5000 K	120-277
ECO-J-AR09-150/120/100W-L-PC-3CCT-T3-PC	100/120/150 W	3000/4000/5000 K	120-277
ECO-J-AR09-500W-L-DW5C3T3with photocell base	100/120/150 W	3000/4000/5000 K	120-277
ECO-J-AR09-150/120/100W-H-PC-3CCT-T3-PC	100/120/150 W	3000/4000/5000 K	277-480
ECO-J-AR09-300/240/200W-L-PCX-3CCT-T3	200/240/300 W	3000/4000/5000 K	120-277
ECO-J-AR09-300/240/200W-L-PCX-3CCT-T3-PC	200/240/300 W	3000/4000/5000 K	120-277
ECO-J-AR09-300/240/200W-H-PCX-3CCT-T3-PC	200/240/300 W	3000/4000/5000 K	277-480
ECO-J-AR09-500W-L-DW5C3T3-PC	300/350/400/450/500 W	3000/4000/5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	100/120/150 W	200/240/300 W	300/350/400/450/500 W
Lumen Output	17,000-25,500 lm / 25,500 lm	34,000-51,000 lm	51,000-85,000 lm
Color Temperature (CCT)	3000, 4000, 5000 K		
Efficacy (lm/W)	170 lm/W		
Input Voltage	120-277V / 277-480V	120-277V / 277-480V	120-277V
Wattage	100-150W	200-300W	300-500W
Beam Angle	Type III (T3)		
CRI	>80		
Operating Temperature	-40 to +50°C		
Dimming	0-10V		
Ingress Protection (IP)	IP65		

03 ACCESSORIES & MOUNTING



TYPE IV LENS 150W

ECO-J-AR09-150W-T4-LENS



TYPE V LENS 150W

ECO-J-AR09-150W-T5-LENS



TYPE IV LENS 300W

ECO-J-AR09-300W-T4-LENS



TYPE V LENS 300W

ECO-J-AR09-300W-T5-LENS



SLIP FITTER

ECO-J-TYPE-A-09-SERIES



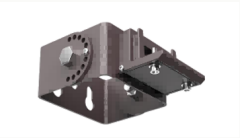
SLIP FITTER 500W

ECO-J-TYPE-A-FOR-AR09-500W



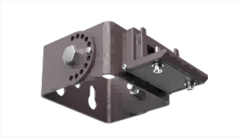
POLE MOUNT BRACKET

ECO-J-TYPE-B-09-SERIES



TRUNNION MOUNT

ECO-J-TYPE-D-09-SERIES



TRUNNION MOUNT 500W

ECO-J-TYPE-D-FOR-AR09-500W



PIR SENSOR

ECO-J-ANT-6-4T-PIR-SENSOR



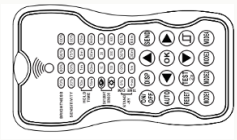
PHOTOCELL SENSOR

ECO-J-AR09-SHOEBOX-PHOTOCELL



PHOTOCELL SENSOR 480V

ECO-J-AR09-SHOEBOX-PHOTOCELL-480V



REMOTE CONTROLLER

ECO-J-PT01-RC



REMOTE CONTROLLER

ECO-J-RC-100-J-PT01-RC



SHORTING CAP

ECO-J-SHORTING-CAP-AR05/07/09



MOTION SENSOR

ECO-J-US002-02VR-2

04 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.