

AREA LIGHT (POST TOP)

MODEL NAME
OME5-AL

PROJECT NAME	
CATALOG NO.	
FIXTURE SCHEDULE	
COMMENTS	

FEATURES

- High visual comfortable and Glare Control. SDCM<3
- High performance optics and uniform light distribution
- Body designed to prevent fitting from water, dust, and bird droppings etc.
- Self-cleaning and tool free entry
- Replaceable driver unit and control gear
- Lower energy consumption by up to 80%, with a corresponding reduction in CO₂ emissions.
- Die-cast aluminum optical assembly, lid, body and arms, thickness ≥3.5mm
- Projected L90B10>50,000 hours at Ta=25°C.
- Projected LED failure rate 0.1% ≤ 50,000 hours.
- Projected driver failure rate ≤ 0.1% per 10,000 hours.



- Standard colors include Dark Bronze and Dark Grey. RAL & Customized color available.
- Input voltage 100-277V And 220-240V only for DALI version
- CCT 2700-3000K, 3700-4000K, 4700-5000K, 5400-5700K
- Luminaire output efficacy up to 120 LPW. Minimum CRI 70 offered as standard. 80&90 CRI offered as customized.
- Common mode surge protection 6KV and Customized achievable up to 10KA and 20KA for option
- Rate IP66 Suitable for Wet location, IK09 rated enclosure protects electrical equipment against external mechanical impacts
- Operating temp: -40~50°C (-40~122°F)
- PF>0.92 at full load. THD<10% at full load.
- EPA (Effective Projected Area): 0.76 (Sq. Ft.)
- 5-Year Limited Warranty

SPECIFICATIONS

MODEL	WATT (W)	LUMEN (LM)	(LM/W)	CRI	PF	VOLTAGE (V)	CCT (K)	BEAM ANGLE	IP	CERTIFICATION	PHOTOCELL & MOTION SENSOR	DIMMING
OME5-AL-25	24.5	2940-3062.5	120-125	>70	>0.92	120-277	2700-5700	360°	66	CE, RoHS, SAA, ETL	Optional	Optional
OME5-AL-35	36	4140-4320	115-120	>70	>0.92	120-277	2700-5700	360°	66	CE, RoHS, SAA, ETL, DLC	Optional	Optional
OME5-AL-60	57	6840-7125	120-125	>70	>0.92	120-277	2700-5700	360°	66	CE, RoHS, SAA, ETL	Optional	Optional
OME5-AL-80	80.5	8855-9257.5	110-115	>70	>0.92	120-277	2700-5700	360°	66	CE, RoHS, SAA, ETL, DLC	Optional	Optional

DIMMING & CONTROLS

- 0-10V & 1-10V dimmable, dimming range from 10% to 100% through the use of the standard 0-10V interface
- DALI Control gear dim-to-off
- Timer dimmable with 3 timer modes
- 3P NEMA Socket & Twist-lock Receptacle with Photo sensor control – On/Off
- 5P NEMA Socket & Twist-lock Receptacle with Photo sensor control – Tri-level dimming
- 7P NEMA Socket & Twist-lock Receptacle with Photo sensor control – DALI control
- 7P NEMA Socket & Twist-lock Receptacle with Zigbee control gear – Wireless communication
- Integrated Microwave Motion sensor – On/Off
- Detached dimming and occupancy Microwave Motion sensor – Tri-level dimming
- PIR Motion Sensor with Bi-level dimming and as option Bluetooth add-on enables remote sensor programming
- Intelligent & Smart City management compatible and flexible

INSTALLATIONS AND MAINTENANCE

- Suggested installation height 2.5m(8ft) to 8m(25ft)
- Pole-top installation on poles with ending part Ø60mm and Customized Ø40mm, Ø50mm, Ø76mm for options.
- Tool-less opening and Easy maintenance on-site.
- All external screws are in AISI 304 stainless steel. Screw connection block or as option an external IP connector.
- 0.5m outlet input cable offered as standard and customized cable length is acceptable.
- Open circuit fault will turn off the luminaire to protect the sensitive electronics and as a signal for maintenance
- Powered off automatically when opening the fixture.
- Body designed to prevent fitting from water, dust, and bird droppings.
- Self-Cleaning

MOUNTINGS

- 76mm (3") Post-top mount for 60mm(2-3/8") OD Tenon.
- 102mm (4") Post-top mount for 60mm(2-3/8") OD Tenon.
- 40mm (1-3/5") & 50mm (2") & 76mm(3") OD Tenon is offered with adaptor as customized.
- Flush mount 60mm(2-3/8") O.D.Pole; 40mm (1-3/5") & 50mm(2") & 76mm(3") O.D.Pole as customized.
- Secured via six sets of concealed stainless steel screws



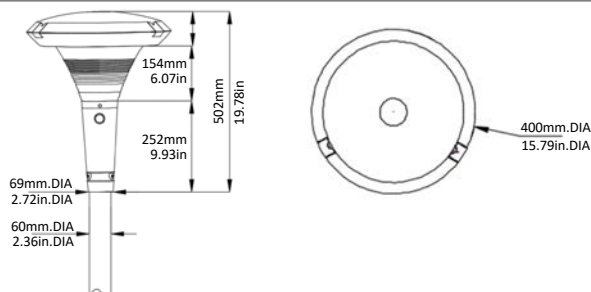
Photo sensor

Pole

CAUTION

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

DIMENSIONAL DRAWING



APPLICATIONS

Urban road, Urban landscape, Plaza lighting, Park landscape, Urban green belt lighting, Commercial street, Outdoor Parking lot, Rural road, Riverside lighting, Lakeside lighting, Residential lighting, Pathway etc.,

