

DesignLights Consortium



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|------------------------|--|
| Model Number | LHMF8W500-50UOM/a/5 |
| Classification | Premium |
| Primary Use | Outdoor Pole/Arm-Mounted Area and Roadway Luminaires |
| Reported Input Wattage | 520.08 W |
| Reported Light Output | 74438.3 lm |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 70 |
| Product ID | S-KFWYQW |
| DLC Family Code | SLFFAR |
| Listing Status | Listed |
| Date Qualified | 2024-07-25 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|----------------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | S-KFWYQW |
| Manufacturer | Archipelago Lighting, Inc. |
| Brand | ARCHIPELAGO LIGHTING |
| Model Number | LHMF8W500-50UOM/a/5 |
| Parent | No |
| Classification | Premium |
| DLC Family Code | SLFFAR |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

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|-------------------------|--|
| Category | Outdoor Luminaires |
| General Application | Very High Output |
| Primary Use Designation | Outdoor Pole/Arm-Mounted Area and Roadway Luminaires |

CONTROL FEATURES VIEW DETAILS

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|--|------------------------------------|
| Integral Controls | Yes |
| Dimming Capability and Range | Continuous Dimming to 10% or below |
| Integral Control Capability | No |
| Sensor Type | Exterior Photocell |
| SSL V5 Wired Communication Protocol | 0-10V Analog |
| SSL V5 Wireless Communication Protocol | No |
| Field Adjustable Light Output | No |
| White-Tunable | No |
| Warm-Dimming | No |
| Field Adjustable Light Distribution | No |

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|-------------------------------|-------------|
| Reported Light Output | 74438.3 lm |
| Reported Efficacy (AC) | 143.13 lm/W |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 70 |
| Reported R9 | -35 |
| Reported IES Rf | 75 |
| Reported IES Rg | 90 |
| Reported IES Rcs,h1 | -18 |
| Reported Default Light Output | 74438.3 lm |
| Reported BUG Rating | B5 U0 G5 |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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|------------------------------------|-----------|
| Reported Input Wattage | 520.08 W |
| Reported Total Harmonic Distortion | 15 % |
| Reported Power Factor | 0.9 |
| Reported Default Input Wattage | 520.08 W |
| Voltage Range | 120-277 V |

VERSION HISTORY VIEW DETAILS

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|------------|--------|-----|---------|
| 2024-07-25 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|