

DesignLights Consortium



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|------------------------|--|
| Classification | Premium |
| Primary Use | Outdoor Pole/Arm-Mounted Area and Roadway Luminaires |
| Reported Input Wattage | 320 W |
| Reported Light Output | 48000 lm |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 74 |
| Product ID | S-CU4ZHY |
| DLC Family Code | CCCIHG |
| Listing Status | Listed |
| Date Qualified | 2023-09-29 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|----------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | S-CU4ZHY |
| Manufacturer | T-1 Lighting Inc. |
| Brand | T-1 Lighting Inc. |
| Model Number | T1-SALED/MW320-MCCT |
| Parent | Yes |
| Classification | Premium |
| DLC Family Code | CCCIHG |
| 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 |
|-------------------|-----|

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|-------------------------------|----------|
| Reported Light Output | 48000 lm |
| Reported Efficacy (AC) | 150 lm/W |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 74 |
| Reported R9 | -27 |
| Reported IES Rf | 75 |
| Reported IES Rg | 94 |
| Reported IES Rcs,h1 | -17 |
| Reported Minimum Light Output | 24000 lm |
| Reported Maximum Light Output | 48000 lm |
| Reported Default Light Output | 48000 lm |
| Reported BUG Rating | B5 U3 G4 |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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|------------------------------------|-----------|
| Reported Input Wattage | 320 W |
| Reported Total Harmonic Distortion | 20 % |
| Reported Power Factor | 0.9 |
| Reported Minimum Input Wattage | 160 W |
| Reported Maximum Input Wattage | 320 |
| Reported Default Input Wattage | 320 W |
| Voltage Range | 120-277 V |

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|----------------------|-------------|
| Tested Light Output | 47902 lm |
| Tested Efficacy (AC) | 150.16 lm/W |
| Tested CCT | 5036 K |

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|-------------------|-------|
| Tested CRI (Ra) | 74 |
| Tested IES Rf | 75 |
| Tested IES Rg | 94 |
| Tested IES Rcs,h1 | -17 % |

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|----------------------------------|--------|
| Tested Voltage | 120 |
| Tested Input Wattage | 319 W |
| Tested Total Harmonic Distortion | 10.4 % |
| Tested Power Factor | 0.953 |

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

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|-----------|-------------------------------|
| SPDX File | Download File |
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VERSION HISTORY VIEW DETAILS

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|------------|--------|-----|---------|
| 2023-09-29 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|