# DesignLights Consortium

| Model Number | MRK2440-50K-PLUS[-RP,Blank] |
|---|---|
| Classification | Standard |
| Primary Use | Linear Retrofit Kits for 2x4 Luminaires |
| Reported Input Wattage | 40.9 W |
| Reported Light Output | 5763 lm |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 82.4 |
| Product ID | P2O7OJOJ |
| DLC Family Code | RRRWCH |
| Listing Status | Listed |
| Date Qualified | 2021-03-02 |

## PRODUCT INFORMATION VIEW DETAILS

| Qualified Product List | Solid State Lighting |
|---|---|
| Technical Requirements Version | 5.1 |
| Product ID | P2O7OJOJ |
| Manufacturer | ZLEDLighting |
| Brand | MAGNILUMEN PLUS |
| Model Number | MRK2440-50K-PLUS[-RP,Blank] |
| Parent | No |
| Classification | Standard |
| DLC Family Code | RRRWCH |
| Input Power Type | AC |

## PRODUCT CATEGORIZATION VIEW DETAILS

| Category | Indoor Retrofit Kit |
|---|---|
| General Application | Troffer |
| Primary Use Designation | Linear Retrofit Kits for 2x4 Luminaires |

## CONTROL FEATURES VIEW DETAILS

| Integral Controls | No |
|---|---|

| | |
|---|---|
| Dimming Capability and Range | Continuous Dimming to 10% or below |
| Sensor Type | No Sensor |
| SSL V5 Wired Communication Protocol | No Wired Communication Protocol |
| SSL V5 Wireless Communication Protocol | No Wireless Protocol |
| Field Adjustable Light Output | Yes |
| White-Tunable | No |
| Warm-Dimming | No |
| Field Adjustable Light Distribution | No |

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

| | |
|---|---|
| Reported Light Output | 5763 lm |
| Reported Efficacy (AC) | 140.7 lm/W |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 82.4 |
| Reported R9 | 6 |
| Reported IES Rf | 84 |
| Reported IES Rg | 96 |
| Reported IES Rcs,h1 | -12 |
| Reported Minimum Light Output | 3376.8 lm |
| Reported Maximum Light Output | 5763 lm |
| Reported Default Light Output | 5628 lm |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|---|---|
| Reported Input Wattage | 40.9 W |
| Reported Total Harmonic Distortion | 12.9 % |
| Reported Power Factor | 0.949 |
| Reported Minimum Input Wattage | 24.000000000000004 W |
| Reported Default Input Wattage | 40 W |
| Voltage Range | 100-277 V |

## LISTING INFORMATION VIEW DETAILS

| | |
|---|---|
| Testing in a Manufacturer-Selected Housing (Luminaire Specific) | General Purpose |

## VERSION HISTORY VIEW DETAILS

| | | | |
|---|---|---|---|
| 2021-03-02 | Listed | 5.1 | Standard |