

DesignLights Consortium



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|------------------------|--|
| Classification | Standard |
| Primary Use | Internal Driver/Line Voltage (UL Type B) Lamps |
| Reported Input Wattage | 23 W |
| Reported Light Output | 2800 lm |
| Reported CCT | 3000 K |
| Reported CRI (Ra) | 82 |
| Product ID | PL8R6IICQ31X |
| DLC Family Code | YYYDTM |
| Listing Status | Listed |
| Date Qualified | 2019-09-12 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|----------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | PL8R6IICQ31X |
| Manufacturer | Eiko Global, LLC |
| Brand | EiKO |
| Model Number | LED23W/PLL/830-G8D |
| Parent | Yes |
| Classification | Standard |
| DLC Family Code | YYYDTM |
| Input Power Type | AC |
| Notes | Updated on 11/2/2021 |

PRODUCT CATEGORIZATION VIEW DETAILS

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|-------------------------|--|
| Category | Four Pin-Base Replacement Lamps for CFLs |
| General Application | 2G11 Base Replacement Lamps |
| Primary Use Designation | Internal Driver/Line Voltage (UL Type B) Lamps |

CONTROL FEATURES VIEW DETAILS

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

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|--|------------------------------------|
| Dimming Capability and Range | Continuous Dimming above 10% |
| Integral Control Capability | No Control Capability |
| Sensor Type | No Sensor |
| SSL V5 Wired Communication Protocol | Other Wired Communication Protocol |
| SSL V5 Wireless Communication Protocol | No Wireless Protocol |
| 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 Beam Angle | 210 ° |
| Reported Light Output | 2800 lm |
| Reported Efficacy (AC) | 121.739 lm/W |
| Reported CCT | 3000 K |
| Reported CRI (Ra) | 82 |
| Reported R9 | 0 |
| Reported IES Rf | 81 |
| Reported IES Rg | 94 |
| Reported IES Rcs,h1 | -13 |
| Reported Default Light Output | 2800 lm |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|------------------------------------|-----------|
| Reported Input Wattage | 23 W |
| Reported Total Harmonic Distortion | 20 % |
| Reported Power Factor | 0.9 |
| Reported Default Input Wattage | 23 W |
| Voltage Range | 120-277 V |

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|----------------------|------------|
| Tested Light Output | 2782 lm |
| Tested Efficacy (AC) | 119.3 lm/W |
| Tested CCT | 3117 K |
| Tested CRI (Ra) | 81.8 |
| Tested R9 | 3.9 |
| Tested IES Rf | 84 |
| Tested IES Rg | 93 |

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|-------------------|---------|
| Tested IES Rcs,h1 | -12 % |
| Tested Duv | -0.0002 |
| Tested Beam Angle | 135.2 ° |

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|----------------------------------|---------|
| Tested Voltage | 277 |
| Tested Input Wattage | 23.32 W |
| Tested Total Harmonic Distortion | 22.54 % |
| Tested Power Factor | 0.9493 |

VERSION HISTORY VIEW DETAILS

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|------------|--------|-----|----------|
| 2021-11-02 | Listed | 5.1 | Standard |
| 2020-07-30 | Listed | 5 | Standard |
| 2020-03-30 | Listed | 5 | Standard |
| 2019-09-11 | Listed | 4.4 | Standard |