

# DesignLights Consortium



|                        |  |
|------------------------|--|
| Classification         | Standard   |
| Primary Use            | Replacement Lamps for High-Bay Luminaires (Type B) |
| Reported Input Wattage | 76.4 W   |
| Reported Light Output  | 12030.3 lm   |
| Reported CCT           | 5000 K   |
| Reported CRI (Ra)      | 82   |
| Product ID             | PL9FMSNXHNR1                                       |
| DLC Family Code        | <a href="#">YYYEON</a>                             |
| Listing Status         | Listed   |
| Date Qualified         | 2020-06-25   |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                      |
|--------------------------------|----------------------|
| Qualified Product List         | Solid State Lighting |
| Technical Requirements Version | 5.1                  |
| Product ID                     | PL9FMSNXHNR1         |
| Manufacturer                   | Eiko Global, LLC     |
| Brand                          | EiKO                 |
| Model Number                   | LED80WHB50KMOG-G8    |
| Parent                         | Yes                  |
| Classification                 | Standard             |
| DLC Family Code                | YYYEON               |
| Length                         | 0.8 ft               |
| Input Power Type               | AC                   |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |  |
|-------------------------|--|
| Category                | Mogul (E39) Screw-Base Replacements for HID Lamps  |
| General Application     | High-Bay   |
| Primary Use Designation | Replacement Lamps for High-Bay Luminaires (Type B) |

## 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    | 0-10V Analog,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

|                               |            |
|-------------------------------|------------|
| Reported Light Output         | 12030.3 lm |
| Reported Efficacy (AC)        | 157.3 lm/W |
| Reported CCT                  | 5000 K     |
| Reported CRI (Ra)             | 82         |
| Reported R9                   | 8          |
| Reported IES Rf               | 82         |
| Reported IES Rg               | 96         |
| Reported IES Rcs,h1           | -12        |
| Reported Default Light Output | 12030.3 lm |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 76.4 W    |
| Reported Total Harmonic Distortion | 18.1 %    |
| Reported Power Factor              | 0.967     |
| Reported Default Input Wattage     | 76.4 W    |
| Voltage Range                      | 100-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                                     |            |
|-------------------------------------|------------|
| Tested Voltage for Minimum Efficacy | 120        |
| Tested Light Output                 | 12030.3 lm |
| Tested Efficacy (AC)                | 157.3 lm/W |
| Tested CCT                          | 4903 K     |
| Tested CRI (Ra)                     | 81.8       |
| Tested R9                           | 8          |
| Tested IES Rf                       | 82         |
| Tested IES Rg                       | 96         |
| Tested IES Rcs,h1                   | -12 %      |

|            |         |
|------------|---------|
| Tested Duv | 0.00239 |
|------------|---------|

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |         |
|----------------------------------|---------|
| Tested Input Wattage             | 76.48 W |
| Tested Total Harmonic Distortion | 16 %    |
| Tested Power Factor              | 0.97    |

## VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2021-02-16 | Listed | 5.1 | Standard |
| 2020-06-25 | Listed | 5   | Standard |