

# DesignLights Consortium



|                        |  |
|------------------------|--|
| Classification         | Standard   |
| Primary Use            | Replacement Lamps for High-Bay Luminaires (Type B) |
| Reported Input Wattage | 60 W   |
| Reported Light Output  | 10000 lm   |
| Reported CCT           | 5000 K   |
| Reported CRI (Ra)      | 84   |
| Product ID             | S-E84VBR   |
| DLC Family Code        | <a href="#">MMMSXN</a>                             |
| Listing Status         | Listed   |
| Date Qualified         | 2022-09-26   |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                             |
|--------------------------------|-----------------------------|
| Qualified Product List         | Solid State Lighting        |
| Technical Requirements Version | 5.1                         |
| Product ID                     | S-E84VBR                    |
| Manufacturer                   | Technical Consumer Products |
| Brand                          | TCP                         |
| Model Number                   | FED37N40050E39CL            |
| Parent                         | Yes                         |
| Classification                 | Standard                    |
| DLC Family Code                | MMMSXN                      |
| 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 |

|  |                       |
|--|-----------------------|
| Integral Control Capability            | No Control Capability |
| Sensor Type                            | No Sensor             |
| SSL V5 Wired Communication Protocol    | Phase Cut             |
| 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         | 10000 lm    |
| Reported Efficacy (AC)        | 166.67 lm/W |
| Reported CCT                  | 5000 K      |
| Reported CRI (Ra)             | 84          |
| Reported R9                   | 41          |
| Reported IES Rf               | 83          |
| Reported IES Rg               | 97          |
| Reported IES Rcs,h1           | -9          |
| Reported Default Light Output | 10000 lm    |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 60 W      |
| Reported Total Harmonic Distortion | 20 %      |
| Reported Power Factor              | 0.9       |
| Reported Default Input Wattage     | 60 W      |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                      |            |
|----------------------|------------|
| Tested Light Output  | 9958 lm    |
| Tested Efficacy (AC) | 167.5 lm/W |
| Tested CCT           | 4762 K     |
| Tested CRI (Ra)      | 84         |
| Tested R9            | 39         |
| Tested IES Rf        | 83         |
| Tested IES Rg        | 97         |
| Tested IES Rcs,h1    | -9 %       |
| Tested Duv           | 0.0032     |

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |        |
|----------------------------------|--------|
| Tested Voltage                   | 120    |
| Tested Input Wattage             | 59.5 W |
| Tested Total Harmonic Distortion | 6.6 %  |
| Tested Power Factor              | 0.973  |

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

|           |                               |
|-----------|-------------------------------|
| SPDX File | <a href="#">Download File</a> |
|-----------|-------------------------------|

## VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2022-09-26 | Listed | 5.1 | Standard |
|------------|--------|-----|----------|