

# DesignLights Consortium



|                        |                                                  |
|------------------------|--------------------------------------------------|
| Classification         | Standard                                         |
| Primary Use            | Dual Mode Internal Driver (UL Type A and Type B) |
| Reported Input Wattage | 15.6 W                                           |
| Reported Light Output  | 2138 lm                                          |
| Reported CCT           | 5000 K                                           |
| Reported CRI (Ra)      | 84                                               |
| Product ID             | S-MCLT8X                                         |
| DLC Family Code        | <a href="#">XXXEUE</a>                           |
| Listing Status         | Listed                                           |
| Date Qualified         | 2023-04-10                                       |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------|
| Qualified Product List         | Solid State Lighting                                                                                        |
| Technical Requirements Version | 5.1                                                                                                         |
| Product ID                     | S-MCLT8X                                                                                                    |
| Manufacturer                   | BIG SHINE LED                                                                                               |
| Brand                          | Big Shine LED                                                                                               |
| Model Number                   | BSL-TB12-T84-5000K-140-F-H                                                                                  |
| Parent                         | No                                                                                                          |
| Classification                 | Standard                                                                                                    |
| DLC Family Code                | XXXEUE                                                                                                      |
| Length                         | 4.0 ft                                                                                                      |
| Input Power Type               | AC                                                                                                          |
| Notes                          | Dimmable depending on ballast capability. When operated as Type A, dimmable depending on ballast capability |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Category                | Linear Replacement Lamp                          |
| General Application     | T8 Four-Foot                                     |
| Primary Use Designation | Dual Mode Internal Driver (UL Type A and Type B) |

## PRODUCT CAPABILITIES 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    | No 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 Beam Angle           | 146 °      |
| Reported Light Output         | 2138 lm    |
| Reported Efficacy (AC)        | 137.3 lm/W |
| Reported CCT                  | 5000 K     |
| Reported CRI (Ra)             | 84         |
| Reported R9                   | 9          |
| Reported IES Rf               | 84         |
| Reported IES Rg               | 94         |
| Reported IES Rcs,h1           | -12        |
| Reported Default Light Output | 2138 lm    |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 15.6 W    |
| Reported Total Harmonic Distortion | 20 %      |
| Reported Power Factor              | 0.9       |
| Reported Default Input Wattage     | 15.6 W    |
| Voltage Range                      | 100-277 V |

VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2023-04-10 | Listed | 5.1 | Standard |
|------------|--------|-----|----------|