

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	10.6 W
Reported Light Output	1442 lm
Reported CCT	2700 K
Reported CRI (Ra)	84
Product ID	S-B1F9MU
DLC Family Code	XXXEUE
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-B1F9MU
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-TB10-T84-2700K-140-D-F-H
Parent	Yes
Classification	Standard
DLC Family Code	XXXEUE
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
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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	145 °
Reported Light Output	1442 lm
Reported Efficacy (AC)	135.9 lm/W
Reported CCT	2700 K
Reported CRI (Ra)	84
Reported R9	9
Reported IES Rf	86
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	1442 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	10.6 W
Reported Total Harmonic Distortion	24.2 %
Reported Power Factor	0.91
Reported Default Input Wattage	10.6 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1442 lm
Tested Efficacy (AC)	135.9 lm/W
Tested CCT	2729 K
Tested CRI (Ra)	84
Tested R9	9
Tested IES Rf	86
Tested IES Rg	95

Tested IES Rcs,h1	-12 %
Tested Duv	0.0021
Tested Beam Angle	146 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	10.6 W
Tested Total Harmonic Distortion	24.2 %
Tested Power Factor	0.907

VERSION HISTORY VIEW DETAILS

2023-04-10	Listed	5.1	Standard
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