

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	13940 lm
Reported CCT	4000 K
Reported CRI (Ra)	71
Product ID	S-MDEAVJ
DLC Family Code	UUUVFS
Listing Status	Listed
Date Qualified	2023-03-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-MDEAVJ
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-HB100-BL7-BYSL-4000K-60
Parent	Yes
Classification	Premium
DLC Family Code	UUUVFS
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	High-Bay
Primary Use Designation	High-Bay Luminaires for Commercial and Industrial Buildings

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	0-10V Analog
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	13940 lm
Reported Efficacy (AC)	139.4 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	71
Reported R9	-32
Reported IES Rf	74
Reported IES Rg	91
Reported IES Rcs,h1	-18
Reported Default Light Output	13940 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.95
Reported Default Input Wattage	100 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	14217 lm
Tested Efficacy (AC)	139.38 lm/W
Tested CCT	3943 K
Tested CRI (Ra)	73
Tested R9	-32
Tested IES Rf	75

Tested IES Rg	91
Tested IES Rcs,h1	-18 %
Tested Duv	0.001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	102 W
Tested Total Harmonic Distortion	7.5 %
Tested Power Factor	0.967

VERSION HISTORY VIEW DETAILS

2023-03-03	Listed	5.1	Premium
2023-03-02	Listed	5.1	Premium