

DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	18240 lm
Reported CCT	4000 K
Reported CRI (Ra)	70
Product ID	S-ZWS98M
DLC Family Code	UUUVFZ
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-ZWS98M
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-HB100-SK7-LFLL-4000K-120
Parent	Yes
Classification	Standard
DLC Family Code	UUUVFZ
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	Yes
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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 Light Output	18240 lm
Reported Efficacy (AC)	182.4 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	70
Reported R9	-35
Reported IES Rf	74
Reported IES Rg	94
Reported IES Rcs,h1	-17
Reported Default Light Output	18240 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	18154 lm
Tested Efficacy (AC)	181.9 lm/W
Tested CCT	3936 K
Tested CRI (Ra)	72
Tested R9	-35
Tested IES Rf	74
Tested IES Rg	94

Tested IES Rcs,h1	-17 %
Tested Duv	0.00131

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	99.8 W
Tested Total Harmonic Distortion	10.9 %
Tested Power Factor	0.936

VERSION HISTORY VIEW DETAILS

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