DesignLights Consortium

Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	150 W
Reported Light Output	20250 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	S-BWR9DJ
DLC Family Code	UUUVFX
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-BWR9DJ
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-HB150-TK3-LFSL-4000K-120
Parent	Yes
Classification	Premium
DLC Family Code	UUUVFX
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
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	Yes
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	20250 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	15
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	10800 lm
Reported Maximum Light Output	21750 lm
Reported Default Light Output	20250 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	150 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	80 W
Reported Maximum Input Wattage	150
Reported Default Input Wattage	150 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	20368 lm

Tested Efficacy (AC)	127.29 lm/W
Tested CCT	4143 K
Tested CRI (Ra)	84
Tested R9	15
Tested IES Rf	83
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0009
Field Adjustable Light Distribution Setting	Straight Down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	160 W
Tested Total Harmonic Distortion	10.2 %
Tested Power Factor	0.951

VERSION HISTORY VIEW DETAILS

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