

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	16000 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	S-G18V56
DLC Family Code	UUUVGB
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-G18V56
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-HB100-TK7-LFLL-CCT02-BA02
Parent	Yes
Classification	Premium
DLC Family Code	UUUVGB
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	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	16000 lm
Reported Efficacy (AC)	160 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	7
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	8100 lm
Reported Maximum Light Output	16000 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	16000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.95
Reported Minimum Input Wattage	60 W
Reported Maximum Input Wattage	100
Reported Default Input Wattage	100 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	14689 lm
Tested Efficacy (AC)	147.6 lm/W
Tested CCT	4089 K
Tested CRI (Ra)	85
Tested R9	17
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0006
Field Adjustable Light Distribution Setting	60,85 and 100

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	99.5 W
Tested Total Harmonic Distortion	5 %
Tested Power Factor	0.997

VERSION HISTORY VIEW DETAILS

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