

DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	207.7 W
Reported Light Output	30056 lm
Reported CCT	4000 K
Reported CRI (Ra)	82
Product ID	S-DIO90C
DLC Family Code	XXXESR
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-DIO90C
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-LHB200-OII-SOCR-5000K-50x90
Parent	No
Classification	Standard
DLC Family Code	XXXESR
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 above 10%
Integral Control Capability	No Control Capability
Sensor Type	Occupancy Sensing
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	30056 lm
Reported Efficacy (AC)	144.7 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	82
Reported R9	9
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	30056 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	207.7 W
Reported Total Harmonic Distortion	11.5 %
Reported Power Factor	0.92
Reported Default Input Wattage	207.7 W
Voltage Range	120-277 V

VERSION HISTORY VIEW DETAILS

2023-03-03	Listed	5.1	Standard
------------	--------	-----	----------