

DesignLights Consortium



Model Number	BE-CHB-300W-D90-B-5000K
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	300 W
Reported Light Output	45000 lm
Reported CCT	5000 K
Reported CRI (Ra)	70
Product ID	S-G59XD1
DLC Family Code	YYYYFHF
Listing Status	Listed
Date Qualified	2022-06-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-G59XD1
Manufacturer	Back To Earth Energy Inc
Brand	LED IN ACTION
Model Number	BE-CHB-300W-D90-B-5000K
Parent	Yes
Classification	Premium
DLC Family Code	YYYYFHF
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

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	45000 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	70
Reported R9	-23
Reported IES Rf	74
Reported IES Rg	94
Reported IES Rcs,h1	-17
Reported Default Light Output	45000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	300 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Default Input Wattage	300 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	45622 lm
Tested Efficacy (AC)	149.7 lm/W
Tested CCT	4979 K
Tested CRI (Ra)	73
Tested R9	-23
Tested IES Rf	74

Tested IES Rg	95
Tested IES Rcs,h1	-17 %
Tested Duv	0.0016

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	304.8 W
Tested Total Harmonic Distortion	9 %
Tested Power Factor	0.948

VERSION HISTORY VIEW DETAILS

2022-12-07	Listed	5.1	Premium
2022-12-06	Listed	5.1	Premium
2022-12-05	Listed	5.1	Premium
2022-11-10	Listed	5.1	Premium
2022-06-13	Listed	5.1	Premium