

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	240 W
Reported Light Output	32400 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	S-4GHZ6F
DLC Family Code	LLLCHD
Listing Status	Listed
Date Qualified	2022-09-07

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-4GHZ6F
Manufacturer	MaxLite Inc.
Brand	MaxLite Inc.
Model Number	BPHE2-U180WCS-[ALL OPTIONS]
Parent	Yes
Classification	Premium
DLC Family Code	LLLCHD
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	Yes
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	LLLC,Energy Monitoring,High End Trim
Sensor Type	Multifunction Sensor,Sensor Receptacle,Daylight Sensing,Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	32400 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	12
Reported IES Rf	86
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	24300 lm
Reported Maximum Light Output	32400 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	25200 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	240 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	180 W
Reported Maximum Input Wattage	240
Reported Default Input Wattage	180 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	35507 lm
Tested Efficacy (AC)	140.3 lm/W

Tested CCT	3410 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	86
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0007

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	253.1 W
Tested Total Harmonic Distortion	13.2 %
Tested Power Factor	0.925

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2022-09-07	Listed	5.1	Premium
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