

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	14150 lm
Reported CCT	4000 K
Reported CRI (Ra)	82
Product ID	S-B9PA5D
DLC Family Code	BBBGEK
Listing Status	Listed
Date Qualified	2022-10-17

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-B9PA5D
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-RHLED100-11CB-840-VDIM [blank, Options]
Parent	Yes
Classification	Premium
DLC Family Code	BBBGEK
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,High End Trim
Sensor Type	Multifunction Sensor,Sensor Receptacle,Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	14150 lm
Reported Efficacy (AC)	141.5 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	82
Reported R9	7
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Default Light Output	14150 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	4.3 %
Reported Power Factor	0.996
Reported Default Input Wattage	100 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	14151 lm
Tested Efficacy (AC)	143.65 lm/W
Tested CCT	3974 K
Tested CRI (Ra)	82
Tested R9	7
Tested IES Rf	83
Tested IES Rg	96

Tested IES Rcs,h1	-12 %
Tested Duv	0.0009

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	98.5 W
Tested Total Harmonic Distortion	7 %
Tested Power Factor	0.922

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2022-10-17	Listed	5.1	Premium
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