

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	200 W
Reported Light Output	30135 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	P8IG8M5G
DLC Family Code	RRRXMD
Listing Status	Listed
Date Qualified	2021-03-08

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	P8IG8M5G
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-RHLED200PS-14C-8CSB-VDIM-P [blank, options]
Parent	Yes
Classification	Premium
DLC Family Code	RRRXMD
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
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	30135 lm
Reported Efficacy (AC)	151 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	5
Reported IES Rf	84
Reported IES Rg	98
Reported IES Rcs,h1	-12
Reported Minimum Light Output	14800 lm
Reported Maximum Light Output	31511 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	31511 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	200 W
Reported Total Harmonic Distortion	3.51 %
Reported Power Factor	0.999
Reported Minimum Input Wattage	100 W
Reported Maximum Input Wattage	200
Reported Default Input Wattage	200 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	30135.4 lm
Tested Efficacy (AC)	148.03 lm/W

Tested CCT	2981 K
Tested CRI (Ra)	82
Tested R9	5
Tested IES Rf	84
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0028

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	203.58 W
Tested Total Harmonic Distortion	8.68 %
Tested Power Factor	0.949

VERSION HISTORY VIEW DETAILS

2023-03-10	Listed	5.1	Premium
2021-05-14	Listed	5.1	Premium
2021-03-08	Listed	5.1	Premium