

DesignLights Consortium



Model Number	KT-HBLED105PS-1C-OSC-8CSD-VDIM (blank, -Options)
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	105 W
Reported Light Output	16065 lm
Reported CCT	4000 K
Reported CRI (Ra)	83
Product ID	S-SB4B8B
DLC Family Code	MMMTEF
Listing Status	Listed
Date Qualified	2024-01-12

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-SB4B8B
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-HBLED105PS-1C-OSC-8CSD-VDIM (blank, -Options)
Parent	Yes
Classification	Premium
DLC Family Code	MMMTEF
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
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	LLLC
Sensor Type	Multifunction Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Standard Component FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	16065 lm
Reported Efficacy (AC)	153 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Default Light Output	16065 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	105 W
Reported Total Harmonic Distortion	8.4 %
Reported Power Factor	0.994
Reported Minimum Input Wattage	65 W
Reported Maximum Input Wattage	105
Reported Default Input Wattage	105 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	15789 lm
Tested Efficacy (AC)	152.43 lm/W
Tested CCT	3928 K

Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0002
Field Adjustable Light Distribution Setting	standard 110 degree lens

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	103.6 W
Tested Total Harmonic Distortion	10.6 %
Tested Power Factor	0.922

VERSION HISTORY VIEW DETAILS

2024-01-12	Listed	5.1	Premium
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