

DesignLights Consortium



Model Number	KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P [blank, -W] [blank, Options]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	13892 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-PKSL10
DLC Family Code	CCCIMZ
Listing Status	Listed
Date Qualified	2024-05-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-PKSL10
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-RHLED100PS-12CD-OSD-8CSB-VDIM-P [blank, -W] [blank, Options]
Parent	Yes
Classification	Premium
DLC Family Code	CCCIMZ
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,Sensor Receptacle,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	Yes
Field Adjustable Distribution Type	Standard Component FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	13892 lm
Reported Efficacy (AC)	138.92 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	6
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	13892 lm
Reported Maximum Light Output	13892 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	13892 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	4 %
Reported Power Factor	0.977
Reported Minimum Input Wattage	50 W
Reported Maximum Input Wattage	100
Reported Default Input Wattage	100 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	13940 lm
Tested Efficacy (AC)	139.89 lm/W
Tested CCT	3019 K
Tested CRI (Ra)	82
Tested R9	6
Tested IES Rf	83
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0016
Field Adjustable Light Distribution Setting	T2

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	99.7 W
Tested Total Harmonic Distortion	8.3 %
Tested Power Factor	0.936

VERSION HISTORY VIEW DETAILS

2024-05-09	Listed	5.1	Premium
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