

# DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	150 W
Reported Light Output	21150 lm
Reported CCT	3000 K
Reported CRI (Ra)	81
Product ID	S-5R9BK1
DLC Family Code	<a href="#">RRRXFR</a>
Listing Status	Listed
Date Qualified	2022-10-05

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-5R9BK1
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-RHLED150PS-12C-8CSB-VDIM-P [blank, Options]
Parent	Yes
Classification	Premium
DLC Family Code	RRRXFR
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	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	21150 lm
Reported Efficacy (AC)	141 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	81
Reported R9	6
Reported IES Rf	82
Reported IES Rg	99
Reported IES Rcs,h1	-11
Reported Minimum Light Output	1100 lm
Reported Maximum Light Output	21150 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	21150 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	150 W
Reported Total Harmonic Distortion	3.7 %
Reported Power Factor	0.999
Reported Minimum Input Wattage	70 W
Reported Maximum Input Wattage	150
Reported Default Input Wattage	150 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	21159 lm

Tested Efficacy (AC)	138.17 lm/W
Tested CCT	3057 K
Tested CRI (Ra)	81
Tested R9	6
Tested IES Rf	82
Tested IES Rg	99
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0008

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	153.1 W
Tested Total Harmonic Distortion	11.3 %
Tested Power Factor	0.953

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	<a href="#">Download File</a>
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## VERSION HISTORY VIEW DETAILS

2022-10-05	Listed	5.1	Premium
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