

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	400 W
Reported Light Output	58800 lm
Reported CCT	4000 K
Reported CRI (Ra)	83
Product ID	S-BISO34
DLC Family Code	RRRXMD
Listing Status	Listed
Date Qualified	2022-10-19

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-BISO34
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-RHLED400PS-18C-8CSD-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	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	58800 lm
Reported Efficacy (AC)	147 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	83
Reported R9	10
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	38500 lm
Reported Maximum Light Output	58800 lm
Reported Minimum CCT	4000.0 K
Reported Maximum CCT	5000.0 K
Reported Default Light Output	58950 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	400 W
Reported Total Harmonic Distortion	2.3 %
Reported Power Factor	0.997
Reported Minimum Input Wattage	240 W
Reported Maximum Input Wattage	400
Reported Default Input Wattage	400 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	58778 lm

Tested Efficacy (AC)	146.93 lm/W
Tested CCT	4025 K
Tested CRI (Ra)	83
Tested R9	10
Tested IES Rf	83
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0007

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	400.1 W
Tested Total Harmonic Distortion	9.4 %
Tested Power Factor	0.951

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-03-10	Listed	5.1	Premium
2022-10-19	Listed	5.1	Premium