

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	150 W
Reported Light Output	25500 lm
Reported CCT	3000 K
Reported CRI (Ra)	72
Product ID	S-QKLRN6
DLC Family Code	CCCILH
Listing Status	Listed
Date Qualified	2024-02-27

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-QKLRN6
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-UHB5-HV-PRO-150[BK;WH;NK;BR][-MS;-EM;Blank]
Parent	Yes
Classification	Premium
DLC Family Code	CCCILH
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,Energy Monitoring,High End Trim

Sensor Type	Multifunction Sensor
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	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	25500 lm
Reported Efficacy (AC)	170 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	72
Reported R9	-29
Reported IES Rf	74
Reported IES Rg	96
Reported IES Rcs,h1	-16
Reported Minimum Light Output	17000 lm
Reported Maximum Light Output	25500 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	25500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	150 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	100 W
Reported Maximum Input Wattage	150
Reported Default Input Wattage	150 W
Voltage Range	277-480 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	480
Tested Light Output	24833 lm
Tested Efficacy (AC)	164.31 lm/W
Tested CCT	3024 K

Tested CRI (Ra)	72
Tested R9	-29
Tested IES Rf	74
Tested IES Rg	96
Tested IES Rcs,h1	-16 %
Tested Duv	-0.0011
Field Adjustable Light Distribution Setting	Pointing Straight down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	151.1 W
Tested Total Harmonic Distortion	8.6 %
Tested Power Factor	0.942

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2024-02-27	Listed	5.1	Premium
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