

DesignLights Consortium



Model Number	CPHB ALO13 MVOLT SWW9 80CRI [blank, LSXR6, LSXR10, LSXR50] [blank, ADC, ANL] DWH
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	128.3 W
Reported Light Output	18357 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	S-SAYX7L
DLC Family Code	PPPTXE
Listing Status	Listed
Date Qualified	2023-02-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-SAYX7L
Manufacturer	Acuity Brands Lighting
Brand	Lithonia Lighting
Model Number	CPHB ALO13 MVOLT SWW9 80CRI [blank, LSXR6, LSXR10, LSXR50] [blank, ADC, ANL] DWH
Parent	Yes
Classification	Premium
DLC Family Code	PPPTXE
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	No
Sensor Type	Multifunction Sensor, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	18357 lm
Reported Efficacy (AC)	143.12 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	12
Reported IES Rf	84
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum Light Output	12290 lm
Reported Maximum Light Output	18357 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	18474 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	128.3 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	79.7 W
Reported Maximum Input Wattage	128.3
Reported Default Input Wattage	123.2 W
Voltage Range	120-277

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	18357 lm
Tested Efficacy (AC)	143.12 lm/W
Tested CCT	4010 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	84
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	0.00138

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	128.3 W
Tested Total Harmonic Distortion	7.7 %
Tested Power Factor	0.904

VERSION HISTORY VIEW DETAILS

2024-04-04	Listed	5.1	Premium
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