

DesignLights Consortium



Model Number	VOLUME6A/S044UNHD8SC7/24U/WH/[Blank,Options]
Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	44 W
Reported Light Output	5645 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-7YFVAC
DLC Family Code	CCCHXB
Listing Status	Listed
Date Qualified	2022-12-07

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-7YFVAC
Manufacturer	LEDVANCE, LLC (formerly OSRAM SYLVANIA, INC)
Brand	LEDVANCE
Model Number	VOLUME6A/S044UNHD8SC7/24U/WH/[Blank,Options]
Parent	Yes
Classification	Premium
DLC Family Code	CCCHXB
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
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	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5645 lm
Reported Efficacy (AC)	128.3 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	12
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3216 lm
Reported Maximum Light Output	5645 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5645 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	44 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	24 W
Reported Maximum Input Wattage	44
Reported Default Input Wattage	44 W
Voltage Range	120-347 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	5823 lm
Tested Efficacy (AC)	128.52 lm/W
Tested CCT	3342 K
Tested CRI (Ra)	83
Tested R9	12
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	0.00046

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	45.3 W
Tested Total Harmonic Distortion	7.5 %
Tested Power Factor	0.879

VERSION HISTORY VIEW DETAILS

2022-12-07	Listed	5.1	Premium
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