

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	286.7 W
Reported Light Output	40218 lm
Reported CCT	4000 K
Reported CRI (Ra)	84
Product ID	S-2D8BIY
DLC Family Code	SLFAVF
Listing Status	Listed
Date Qualified	2023-11-08

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-2D8BIY
Manufacturer	Online Stores PA, LLC
Brand	LUMEGEN
Model Number	LG-UFO-200/240/300W-H-TP-40K[Blank,(MS),(PIR),(BT)]
Parent	Yes
Classification	Premium
DLC Family Code	SLFAVF
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	No Control Capability
Sensor Type	Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	40218 lm
Reported Efficacy (AC)	140.28 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	84
Reported R9	8
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-13
Reported Minimum Light Output	28000 lm
Reported Maximum Light Output	40218 lm
Reported Default Light Output	40218 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	286.7 W
Reported Total Harmonic Distortion	6.4 %
Reported Power Factor	0.956
Reported Minimum Input Wattage	200 W
Reported Default Input Wattage	286.7 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	40218 lm
Tested Efficacy (AC)	140.28 lm/W
Tested CCT	3988 K
Tested CRI (Ra)	83

Tested R9	8
Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	286.7 W
Tested Total Harmonic Distortion	6.4 %
Tested Power Factor	0.956

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-11-08	Listed	5.1	Premium
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