

DesignLights Consortium



Classification	Premium
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	25 W
Reported Light Output	3175 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-LDN425
DLC Family Code	OOOBIL
Listing Status	Listed
Date Qualified	2023-03-14

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-LDN425
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-AB25-BP2-DDDZ-3000K-120
Parent	Yes
Classification	Premium
DLC Family Code	OOOBIL
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

PRODUCT CAPABILITIES 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	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	3175 lm
Reported Efficacy (AC)	127 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	0
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Default Light Output	3175 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	25 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Default Input Wattage	25 W
Voltage Range	120-347 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	3316 lm
Tested Efficacy (AC)	132.68 lm/W
Tested CCT	3016 K
Tested CRI (Ra)	81
Tested R9	1
Tested IES Rf	83
Tested IES Rg	97
Tested IES Rcs,h1	-12 %

Tested Duv	-0.00283
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TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	25 W
Tested Total Harmonic Distortion	10.2 %
Tested Power Factor	0.901

VERSION HISTORY VIEW DETAILS

2023-03-14	Listed	5.1	Premium
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