

DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	14380 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-YZPDA8
DLC Family Code	UUUVFY
Listing Status	Listed
Date Qualified	2023-03-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-YZPDA8
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-HB100-TK4-LFSL-5000K-120
Parent	Yes
Classification	Standard
DLC Family Code	UUUVFY
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

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	No Sensor
SSL V5 Wired Communication Protocol	No Wired Communication Protocol
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	14380 lm
Reported Efficacy (AC)	143.8 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	10
Reported IES Rf	83
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Default Light Output	14380 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	12 %
Reported Power Factor	0.9
Reported Default Input Wattage	100 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	15453 lm
Tested Efficacy (AC)	143.9 lm/W
Tested CCT	5171 K
Tested CRI (Ra)	83
Tested R9	10
Tested IES Rf	83
Tested IES Rg	96

Tested IES Rcs,h1	-12 %
Tested Duv	0.00089

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	107.4 W
Tested Total Harmonic Distortion	8 %
Tested Power Factor	0.978

VERSION HISTORY VIEW DETAILS

2023-03-03	Listed	5.1	Standard
2023-03-02	Listed	5.1	Premium