

# DesignLights Consortium



Model Number	S23144
Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)
Reported Input Wattage	100.1 W
Reported Light Output	11775 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-3KHWIB
DLC Family Code	<a href="#">ZZZFHX</a>
Listing Status	Listed
Date Qualified	2022-04-20

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-3KHWIB
Manufacturer	SATCO Products Inc
Brand	Satco
Model Number	S23144
Parent	Yes
Classification	Standard
DLC Family Code	ZZZFHX
Length	0.4 ft
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	High Output
Primary Use Designation	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)

## CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Other Wired Communication Protocol
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	11775 lm
Reported Efficacy (AC)	117.6 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	8
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	7056 lm
Reported Maximum Light Output	12273 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	11775 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100.1 W
Reported Total Harmonic Distortion	14.5 %
Reported Power Factor	0.926
Reported Minimum Input Wattage	63 W
Reported Maximum Input Wattage	101.3
Reported Default Input Wattage	100.1 W
Voltage Range	100-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	11679 lm
Tested Efficacy (AC)	117.4 lm/W
Tested CCT	3114 K
Tested CRI (Ra)	82
Tested R9	7
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0012

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	99.5 W
Tested Total Harmonic Distortion	14.5 %
Tested Power Factor	0.926

## VERSION HISTORY VIEW DETAILS

2022-04-20	Listed	5.1	Standard
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