

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires (Type B)
Reported Input Wattage	109.5 W
Reported Light Output	11752 lm
Reported CCT	3000 K
Reported CRI (Ra)	84
Product ID	S-7KJXW6
DLC Family Code	VWVALR
Listing Status	Listed
Date Qualified	2023-12-07

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-7KJXW6
Manufacturer	SATCO Products Inc
Brand	Satco
Model Number	S28938R1
Parent	Yes
Classification	Standard
DLC Family Code	VWVALR
Length	0.9 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 Area and Roadway Luminaires (Type B)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Stepped Dimmable
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	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	11752 lm
Reported Efficacy (AC)	107.3 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	84
Reported R9	13
Reported IES Rf	86
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	9657 lm
Reported Maximum Light Output	11752 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	11752 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	109.5 W
Reported Total Harmonic Distortion	17.8 %
Reported Power Factor	0.91
Reported Minimum Input Wattage	90 W
Reported Maximum Input Wattage	109.5
Reported Default Input Wattage	109.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
-------------------------------------	-----

Tested Light Output	11752 lm
Tested Efficacy (AC)	107.3 lm/W
Tested CCT	2966 K
Tested CRI (Ra)	84
Tested R9	13
Tested IES Rf	86
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0019

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	109.5 W
Tested Total Harmonic Distortion	17.8 %
Tested Power Factor	0.911

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
-----------	-------------------------------

VERSION HISTORY VIEW DETAILS

2023-12-07	Listed	5.1	Standard
------------	--------	-----	----------