

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)
Reported Input Wattage	56.5 W
Reported Light Output	6371 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	PWQMWM48
DLC Family Code	YYYFDG
Listing Status	Listed
Date Qualified	2022-02-08

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PWQMWM48
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	S28987
Parent	Yes
Classification	Standard
DLC Family Code	YYYFDG
Length	0.8 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	Mid Output
Primary Use Designation	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
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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	6371 lm
Reported Efficacy (AC)	112.8 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	9
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	2256 lm
Reported Maximum Light Output	6864 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6371 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	56.5 W
Reported Total Harmonic Distortion	18.2 %
Reported Power Factor	0.899
Reported Minimum Input Wattage	20
Reported Maximum Input Wattage	56.5
Reported Default Input Wattage	56.5
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	6333 lm
Tested Efficacy (AC)	112.52 lm/W

Tested CCT	3081 K
Tested CRI (Ra)	82
Tested R9	9
Tested IES Rf	83
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.00026

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	56 W
Tested Total Harmonic Distortion	18 %
Tested Power Factor	0.899

VERSION HISTORY VIEW DETAILS

2022-02-08	Listed	5.1	Standard
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