

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps (Plug and Play) (UL Type A)
Reported Input Wattage	13 W
Reported Light Output	1700 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-NRYM8J
DLC Family Code	EMWAQJ
Listing Status	Listed
Date Qualified	2022-07-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-NRYM8J
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	S11968
Parent	Yes
Classification	Standard
DLC Family Code	EMWAQJ
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Replacement Lamps (Plug and Play) (UL Type A)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
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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	Other Wired Communication Protocol
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	220 °
Reported Light Output	1700 lm
Reported Efficacy (AC)	131 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	15
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	1700 lm
Reported Maximum Light Output	1800 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	4000 K
Reported Default Light Output	1700 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	13 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	13
Reported Default Input Wattage	13 W

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1734 lm
Tested Efficacy (AC)	129.2 lm/W
Tested CCT	3004 K

Tested CRI (Ra)	85
Tested R9	16
Tested IES Rf	86
Tested IES Rg	96
Tested IES Rcs,h1	-10 %
Tested Duv	-0.0014
Tested Beam Angle	223 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	13.4 W
Tested Total Harmonic Distortion	12.6 %
Tested Power Factor	0.953

VERSION HISTORY VIEW DETAILS

2022-07-06	Listed	5.1	Standard
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