

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	15 W
Reported Light Output	1850 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-U53N8J
DLC Family Code	EEEHFL
Listing Status	Listed
Date Qualified	2023-06-21

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-U53N8J
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	S11730
Parent	Yes
Classification	Standard
DLC Family Code	EEEHFL
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

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	Phase Cut
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	140 °
Reported Light Output	1850 lm
Reported Efficacy (AC)	123 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	0
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	1850 lm
Reported Maximum Light Output	2000 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	1850 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	15 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	15
Reported Default Input Wattage	15 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1945 lm
Tested Efficacy (AC)	134.7 lm/W

Tested CCT	3410 K
Tested CRI (Ra)	85
Tested R9	14
Tested IES Rf	86
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	0.0012
Tested Beam Angle	139 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	14.4 W
Tested Total Harmonic Distortion	13.4 %
Tested Power Factor	0.895

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-06-21	Listed	5.1	Standard
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