

# DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	40 W
Reported Light Output	5200 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-HS1T8R
DLC Family Code	<a href="#">LLLCKZ</a>
Listing Status	Listed
Date Qualified	2023-09-26

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-HS1T8R
Manufacturer	JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.,LTD
Brand	Super
Model Number	L8L2_BPDFH_G1_24/32/40W_A8TSE5500_8C_GEN_01
Parent	Yes
Classification	Standard
DLC Family Code	LLLCKZ
Length	8.0 ft
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Eight-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 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 Beam Angle	210 °
Reported Light Output	5200 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3300 lm
Reported Maximum Light Output	5500 lm
Reported Minimum CCT	3000.0 K
Reported Maximum CCT	6500.0 K
Reported Default Light Output	5200 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	24 W
Reported Maximum Input Wattage	40
Reported Default Input Wattage	40 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5244 lm

Tested Efficacy (AC)	125.2 lm/W
Tested CCT	3133 K
Tested CRI (Ra)	83
Tested R9	6
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0006
Tested Beam Angle	204 °

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	41.9 W
Tested Total Harmonic Distortion	14.5 %
Tested Power Factor	0.965

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	<a href="#">Download File</a>
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## VERSION HISTORY VIEW DETAILS

2023-09-26	Listed	5.1	Standard
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