

# DesignLights Consortium



Model Number	L8WT8-24-BDP-850
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	8 W
Reported Light Output	1200 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-7WFX34
DLC Family Code	<a href="#">OOOBN</a>
Listing Status	Listed
Date Qualified	2023-04-07

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-7WFX34
Manufacturer	Eiko Global, LLC
Brand	EiKO
Model Number	L8WT8-24-BDP-850
Parent	Yes
Classification	Standard
DLC Family Code	OOOBN
Length	2.0 ft
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

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

## CONTROL FEATURES VIEW DETAILS

Integral Controls	No
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	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	180 °
Reported Light Output	1200 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	0
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Default Light Output	1200 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	8 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	8 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	1227 lm
Tested Efficacy (AC)	147.3 lm/W
Tested CCT	5123 K
Tested CRI (Ra)	82
Tested R9	8

Tested IES Rf	82
Tested IES Rg	96
Tested IES Rcs,h1	-13 %
Tested Duv	0.0008

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	8.3 W
Tested Total Harmonic Distortion	19.6 %
Tested Power Factor	0.92

### PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

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

2023-04-07	Listed	5.1	Standard
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