

# DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	10.5 W
Reported Light Output	1680 lm
Reported CCT	5000 K
Reported CRI (Ra)	83
Product ID	S-W9TRES
DLC Family Code	<a href="#">VWAGX</a>
Listing Status	Listed
Date Qualified	2023-05-24

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-W9TRES
Manufacturer	Halco Lighting Technologies
Brand	Halco
Model Number	48T8HE-10-850-DSE-BYP-LED
Parent	Yes
Classification	Standard
DLC Family Code	VWAGX
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	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	240 °
Reported Light Output	1680 lm
Reported Efficacy (AC)	160 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	83
Reported R9	0
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-12
Reported Default Light Output	1680 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	10.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	10.5 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1758 lm
Tested Efficacy (AC)	172.7 lm/W
Tested CCT	5051 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	83
Tested IES Rg	97

Tested IES Rcs,h1	-12 %
Tested Duv	0.0006

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	10.2 W
Tested Total Harmonic Distortion	20.6 %
Tested Power Factor	0.916

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

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

2023-05-24	Listed	5.1	Standard
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