

DesignLights Consortium



Classification	Standard
Primary Use	Dual Mode Internal Driver (UL Type A and Type B)
Reported Input Wattage	11 W
Reported Light Output	1440 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-IRN1VQ
DLC Family Code	ZZZFIE
Listing Status	Listed
Date Qualified	2022-05-20

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-IRN1VQ
Manufacturer	Halco Lighting Technologies
Brand	HALCO
Model Number	36T8-12-8CS-HYB-D-LED
Parent	Yes
Classification	Standard
DLC Family Code	ZZZFIE
Length	3.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Three-Foot
Primary Use Designation	Dual Mode Internal Driver (UL Type A and Type B)

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	204 °
Reported Light Output	1440 lm
Reported Efficacy (AC)	130.91 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	7
Reported IES Rf	85
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	1440 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	11 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	11 W
Reported Maximum Input Wattage	11
Reported Default Input Wattage	11 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1393 lm
Tested Efficacy (AC)	130.04 lm/W
Tested CCT	3495 K

Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	85
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	0.0005
Tested Beam Angle	204 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	10.7 W
Tested Total Harmonic Distortion	13.3 %
Tested Power Factor	0.932

VERSION HISTORY VIEW DETAILS

2022-05-20	Listed	5.1	Standard
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