

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	14.5 W
Reported Light Output	1800 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-QROMTH
DLC Family Code	YYYYFNY
Listing Status	Listed
Date Qualified	2023-03-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-QROMTH
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-LED14.5T8-48G-8CSJ-DX2
Parent	Yes
Classification	Standard
DLC Family Code	YYYYFNY
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	220 °
Reported Light Output	1800 lm
Reported Efficacy (AC)	124 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	0
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Minimum Light Output	1800 lm
Reported Maximum Light Output	1800 lm
Reported Minimum CCT	3000.0 K
Reported Maximum CCT	6500.0 K
Reported Default Light Output	1800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	14.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	14.5
Reported Default Input Wattage	14.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1842 lm
Tested Efficacy (AC)	125.8 lm/W

Tested CCT	3048 K
Tested CRI (Ra)	82
Tested R9	4
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0023
Tested Beam Angle	222 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	14.6 W
Tested Total Harmonic Distortion	20.5 %
Tested Power Factor	0.926

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-03-09	Listed	5.1	Standard
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