

DesignLights Consortium



Model Number	KT-LED18.5T8-48GC-865-DX2/G2
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	18.5 W
Reported Light Output	2600 lm
Reported CCT	6500 K
Reported CRI (Ra)	82
Product ID	PLJQ4GL4SW9P
DLC Family Code	IIIMXX
Listing Status	Listed
Date Qualified	2021-11-30

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLJQ4GL4SW9P
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-LED18.5T8-48GC-865-DX2/G2
Parent	Yes
Classification	Standard
DLC Family Code	IIIMXX
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
Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut,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	170 °
Reported Light Output	2600 lm
Reported Efficacy (AC)	141 lm/W
Reported CCT	6500 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	81
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Default Light Output	2600 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	18.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	18.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	2772.3 lm
Tested Efficacy (AC)	146.1 lm/W
Tested CCT	6713 K
Tested CRI (Ra)	84
Tested R9	12

Tested IES Rf	83
Tested IES Rg	92
Tested IES Rcs,h1	-13 %
Tested Duv	0.0034

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	18.98 W
Tested Total Harmonic Distortion	20.82 %
Tested Power Factor	0.9252

VERSION HISTORY VIEW DETAILS

2021-11-30	Listed	5.1	Standard
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