

DesignLights Consortium



Model Number	12T8/4F/8CCTS/HYB/C
Classification	Standard
Primary Use	Dual Mode Internal Driver (UL Type A and Type B)
Reported Input Wattage	12 W
Reported Light Output	1800 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-KN8YF9
DLC Family Code	EEEHOB
Listing Status	Listed
Date Qualified	2024-03-18

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-KN8YF9
Manufacturer	Green Creative LTD
Brand	GREEN CREATIVE
Model Number	12T8/4F/8CCTS/HYB/C
Parent	Yes
Classification	Standard
DLC Family Code	EEEHOB
Length	4.0 ft
Input Power Type	AC
Notes	Dimmable depending on ballast capability. Dimmable depending on ballast capability

PRODUCT CATEGORIZATION VIEW DETAILS

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

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
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)	150 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	5
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	1800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	12 W
Reported Total Harmonic Distortion	6 %
Reported Power Factor	0.99
Reported Maximum Input Wattage	12
Reported Default Input Wattage	12 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	1702 lm
Tested Efficacy (AC)	136.78 lm/W
Tested CCT	3013 K
Tested CRI (Ra)	83
Tested R9	6
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0005

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	12.4 W
Tested Total Harmonic Distortion	9.3 %
Tested Power Factor	0.965

VERSION HISTORY VIEW DETAILS

2024-03-18	Listed	5.1	Standard
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