

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	49.9 W
Reported Light Output	5835 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-FNXD7K
DLC Family Code	CCCIDM
Listing Status	Listed
Date Qualified	2023-05-19

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FNXD7K
Manufacturer	Torshare Ltd
Brand	TORSHARE
Model Number	TS-AS1-4FT50W-L-TCP[Blank;(MS),(EM),(EMS)]
Parent	Yes
Classification	Standard
DLC Family Code	CCCIDM
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient
Primary Use Designation	Direct Linear Ambient Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
-------------------	-----

Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5835 lm
Reported Efficacy (AC)	117.04 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	13
Reported IES Rf	83
Reported IES Rg	99
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3450 lm
Reported Maximum Light Output	5835 lm
Reported Minimum CCT	3500.0 K
Reported Maximum CCT	5000.0 K
Reported Default Light Output	5835 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	49.9 W
Reported Total Harmonic Distortion	10.1 %
Reported Power Factor	0.957
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	49.9
Reported Default Input Wattage	49.9 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5835 lm
Tested Efficacy (AC)	117.04 lm/W

Tested CCT	3446 K
Tested CRI (Ra)	83
Tested R9	13
Tested IES Rf	83
Tested IES Rg	99
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0015

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	49.9 W
Tested Total Harmonic Distortion	10.2 %
Tested Power Factor	0.956

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
-----------	-------------------------------

VERSION HISTORY VIEW DETAILS

2023-05-19	Listed	5.1	Standard
------------	--------	-----	----------