

DesignLights Consortium



Model Number	T8-ER120B-F22W-B-6500K
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	22 W
Reported Light Output	3100 lm
Reported CCT	6500 K
Reported CRI (Ra)	80
Product ID	PKEV18J4
DLC Family Code	JJJOVA
Listing Status	Listed
Date Qualified	2021-12-21

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PKEV18J4
Manufacturer	Shenzhen BMMQ Technology Co., Ltd.
Brand	Shenzhen BMMQ Technology Co., Ltd
Model Number	T8-ER120B-F22W-B-6500K
Parent	Yes
Classification	Standard
DLC Family Code	JJJOVA
Length	4.0 ft
Input Power Type	AC
Notes	Updated 12/21/21

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 to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
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	140 °
Reported Light Output	3100 lm
Reported Efficacy (AC)	140 lm/W
Reported CCT	6500 K
Reported CRI (Ra)	80
Reported R9	15
Reported IES Rf	86
Reported IES Rg	95
Reported IES Rcs,h1	-11
Reported Default Light Output	3100 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	22 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Default Input Wattage	22 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	2873 lm
Tested Efficacy (AC)	136.02 lm/W
Tested CCT	6299 K
Tested CRI (Ra)	85
Tested R9	14

Tested IES Rf	86
Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	0.007

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	21.1 W
Tested Total Harmonic Distortion	17.8 %
Tested Power Factor	0.88

VERSION HISTORY VIEW DETAILS

2021-12-21	Listed	5.1	Standard
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