

DesignLights Consortium



Model Number	MRK2420-30K-PLUS[-RP,Blank]
Classification	Standard
Primary Use	Linear Retrofit Kits for 2x4 Luminaires
Reported Input Wattage	21.1 W
Reported Light Output	2761.8 lm
Reported CCT	3000 K
Reported CRI (Ra)	83.1
Product ID	PGQ0EQK2
DLC Family Code	RRRWCH
Listing Status	Listed
Date Qualified	2021-03-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PGQ0EQK2
Manufacturer	ZLEDLighting
Brand	MAGNILUMEN PLUS
Model Number	MRK2420-30K-PLUS[-RP,Blank]
Parent	Yes
Classification	Standard
DLC Family Code	RRRWCH
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Retrofit Kit
General Application	Troffer
Primary Use Designation	Linear Retrofit Kits for 2x4 Luminaires

CONTROL FEATURES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	2761.8 lm
Reported Efficacy (AC)	130.4 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83.1
Reported R9	9
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	1043.2 lm
Reported Maximum Light Output	2987.7 lm
Reported Default Light Output	2608 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	21.1 W
Reported Total Harmonic Distortion	15.4 %
Reported Power Factor	0.901
Reported Minimum Input Wattage	8 W
Reported Default Input Wattage	20 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	2761.87 lm
Tested Efficacy (AC)	130.4 lm/W
Tested CCT	3016 K
Tested CRI (Ra)	83.1
Tested R9	9

Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	21.18 W
Tested Total Harmonic Distortion	15.4 %
Tested Power Factor	0.901

LISTING INFORMATION VIEW DETAILS

Testing in a Manufacturer-Selected Housing (Luminaire Specific)	General Purpose
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VERSION HISTORY VIEW DETAILS

2021-03-02	Listed	5.1	Standard
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