

# DesignLights Consortium



Model Number	MRK1420-30K-PLUS[-RP,Blank]
Classification	Standard
Primary Use	Linear Retrofit Kits for 1x4 Luminaires
Reported Input Wattage	21.7 W
Reported Light Output	2821 lm
Reported CCT	3000 K
Reported CRI (Ra)	82.8
Product ID	P75WUTKZ
DLC Family Code	<a href="#">RRRWCH</a>
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	P75WUTKZ
Manufacturer	ZLEDLighting
Brand	MAGNILUMEN PLUS
Model Number	MRK1420-30K-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 1x4 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	2821 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82.8
Reported R9	7
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	1040 lm
Reported Maximum Light Output	2992.5 lm
Reported Default Light Output	2600 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	21.7 W
Reported Total Harmonic Distortion	15.5 %
Reported Power Factor	0.899
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	2812.1 lm
Tested Efficacy (AC)	130 lm/W
Tested CCT	3039 K
Tested CRI (Ra)	82.8
Tested R9	7

Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.00035

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	21.7 W
Tested Total Harmonic Distortion	15.5 %
Tested Power Factor	0.899

### 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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