

DesignLights Consortium



Model Number	MFD1127W27VDDK[B,D,W][P,Blank][KN,TR]B77[Blank,X]
Classification	Premium
Primary Use	Architectural Flood and Spot Luminaires
Reported Input Wattage	27 W
Reported Light Output	3500 lm
Reported CCT	3000 K
Reported CRI (Ra)	71
Product ID	P9BWVTMS
DLC Family Code	YYYFEZ
Listing Status	Listed
Date Qualified	2022-04-01

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	P9BWVTMS
Manufacturer	Mester LED Limited
Brand	MESTER
Model Number	MFD1127W27VDDK[B,D,W][P,Blank][KN,TR]B77[Blank,X]
Parent	No
Classification	Premium
DLC Family Code	YYYFEZ
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Low Output
Primary Use Designation	Architectural Flood and Spot Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No
Sensor Type	Exterior Photocell
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	3500 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	71
Reported R9	-31
Reported IES Rf	74
Reported IES Rg	96
Reported IES Rcs,h1	-16
Reported Minimum Light Output	3526 lm
Reported Maximum Light Output	3833 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	3500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	27 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	26.3 W
Reported Maximum Input Wattage	27
Reported Default Input Wattage	27 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Field Adjustable Light Distribution Setting	Downward
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VERSION HISTORY VIEW DETAILS

2022-04-01	Listed	5.1	Premium
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number