

DesignLights Consortium



Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	30 W
Reported Light Output	3360 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	S-D8MQB1
DLC Family Code	OOOBF1
Listing Status	Listed
Date Qualified	2022-10-17

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-D8MQB1
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM52354
Parent	Yes
Classification	Standard
DLC Family Code	OOOBF1
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	No Control Capability
Sensor Type	Multifunction 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 Light Output	3360 lm
Reported Efficacy (AC)	112 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	11
Reported IES Rf	81
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Default Light Output	3360 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	30 W
Reported Total Harmonic Distortion	11.9 %
Reported Power Factor	0.971
Reported Default Input Wattage	30
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	3290 lm
Tested Efficacy (AC)	111.65 lm/W
Tested CCT	4947 K
Tested CRI (Ra)	82
Tested R9	9
Tested IES Rf	81
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	-0.00057

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	29.5 W
Tested Total Harmonic Distortion	10.6 %
Tested Power Factor	0.963

VERSION HISTORY VIEW DETAILS

2022-10-17	Listed	5.1	Standard
------------	--------	-----	----------