

DesignLights Consortium



DLC QPL / Products / Product Details

Model Number

MWP-15S-UNV-8SC51-10V-[ALL OPTIONS]-E2-P

Manufacturer

Foshan MLS Technology Co., Ltd.

Brand

MLS

SSL V6.0 Premium

Product ID: S-MSD5YK



Product Overview 19 fields

CATEGORY

Outdoor Luminaires

GENERAL APPLICATION

Low Output

PRIMARY USE

Outdoor Uplight-Emitting Wall-Mounted Area Luminaire

CLASSIFICATION

Premium

TECHNICAL REQUIREMENTS VERSION

6.0

DLC FAMILY CODE

[FCHXQD](#)

BRAND

MLS

PARENT

Yes

LISTING STATUS

Listed

DATE QUALIFIED

2026-07-29

REPORTED INPUT WATTAGE

15.0 W

REPORTED LIGHT OUTPUT

2,100 lm

REPORTED CCT

2700 K

REPORTED CRI

81

REPORTED R9

2

REPORTED IES RF

83

REPORTED IES RG

95

REPORTED IES RCS,H1

-12

INPUT POWER TYPE

AC

SPECIFICATION SHEET

[S-MSD5YK Specification Sheet](#) Date Updated: 2026-06-26

Version History1 records

2026-07-29	Listed	6	Premium
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V6.0 Controls Options

1 records

P	3B	10V (wired)	Continuo us	10	None	None	None	Photocell only	Light- depende nt Resistor	6.7	N/A
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V5.1 Control Features

1 fields

INTEGRAL CONTROL CAPABILITY

No

Reported Photometric Performance

10 fields

REPORTED LIGHT OUTPUT

2100 lm

REPORTED EFFICACY (AC)

140 lm/W

REPORTED CCT

2700 K

REPORTED CRI (RA)

81

REPORTED R9

2

REPORTED IES RF

83

REPORTED IES RG

95

REPORTED IES RCS,H1

-12

REPORTED DEFAULT LIGHT OUTPUT

2100 lm

REPORTED BUG RATING

B1 U3 G2

Reported Electrical Performance

5 fields

REPORTED INPUT WATTAGE

15.0 W

REPORTED TOTAL HARMONIC DISTORTION

20 %

REPORTED POWER FACTOR

0.9

REPORTED DEFAULT INPUT WATTAGE

15.0 W

VOLTAGE RANGE

120-277 V

Tested Photometric Performance 11 fields

TESTED VOLTAGE FOR MINIMUM EFFICACY

120

TESTED LIGHT OUTPUT

2076 lm

TESTED EFFICACY (AC)

141.21 lm/W

TESTED CCT

2704 K

TESTED CRI (RA)

81

TESTED R9

2

TESTED IES RF

83

TESTED IES RG

95

TESTED IES RCS,H1

-12 %

TESTED DUV

-0.0012

TESTED BUG RATING

B1 U3 G2

Tested Electrical Performance 3 fields

TESTED INPUT WATTAGE
14.7 W

TESTED TOTAL HARMONIC DISTORTION
15.3 %

TESTED POWER FACTOR
0.924

LUNA/Turtle Lighting/Amber No Applicable Data

Field Adjustability 28 fields

FIELD ADJUSTABLE LIGHT OUTPUT (FALO)
Yes

FALO LIGHT OUTPUT AND WATTAGE SETTINGS

Light Output	1120 lm	1680 lm	2100 lm	N/A	N/A	N/A	N/A	N/A
Wattage	8 W	12 W	15 W	N/A	N/A	N/A	N/A	N/A

FIELD ADJUSTABLE COLOR TEMPERATURE (FACT)
Yes

FACT SETTINGS

2700 K	2700 K	3000 K	3500 K	4000 K	5000 K	N/A	N/A	N/A
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FIELD ADJUSTABLE LIGHT DISTRIBUTION (FALD)
No

Tunability No Applicable Data

Solar No Applicable Data

Sustainability No Applicable Data

Product Images shown may not represent all capabilities or aesthetic options available for the associated model number