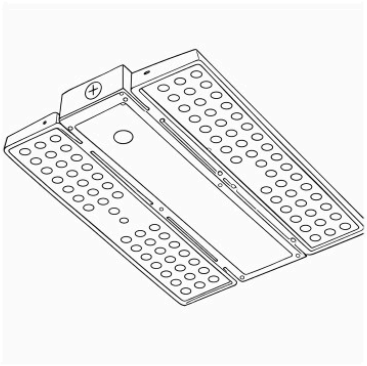
DesignLights Consortium



DLC QPL / Products / Product Details

Model Number

LHB08-2F-110S-UNV-8SC4-10V-90D-[ALL OPTIONS]-E2-[AJ;3P]-[ALL OPTIONS]-[ALL OPTIONS]

Manufacturer

Foshan MLS Technology Co., Ltd.

Brand

MLS

SSL V6.0 Premium

Product ID: S-RHC6LW

DLC LISTED PREMIUM

Product Overview 19 fields

CATEGORY
Indoor Luminaires

GENERAL APPLICATION
High-Bay

PRIMARY USE
High-Bay Luminaires for Commercial and Industrial Buildings

CLASSIFICATION
Premium

TECHNICAL REQUIREMENTS VERSION
6.0

DLC FAMILY CODE
XHZXTW

BRAND
MLS

PARENT
Yes

LISTING STATUS
Listed

DATE QUALIFIED
2026-04-30

REPORTED INPUT WATTAGE
110.0 W

REPORTED LIGHT OUTPUT
16,500 lm

REPORTED CCT
4000 K

REPORTED CRI
84

REPORTED R9
13

REPORTED IES RF
83

REPORTED IES RG
96

REPORTED IES RCS,H1
-12

INPUT POWER TYPE
AC

SPECIFICATION SHEET
S-RHC6LW Specification Sheet Date Updated: 2026-04-10

Version History 1 records

2026-04-30	Listed	6	Premium

V6.0 Controls Options 2 records

AJ	**1**	10V (wired)	Continuous	10	Other Analog (wired, proprietary)	None	3.5mm Phono Jack	None	None	N/A	N/A
3P	**1**	10V (wired)	Continuous	10	Other Analog (wired, proprietary)	None	Other	None	None	N/A	N/A

V5.1 Control Features 1 fields

INTEGRAL CONTROL CAPABILITY
No

Reported Photometric Performance 9 fields

REPORTED LIGHT OUTPUT
16500 lm

REPORTED EFFICACY (AC)
150 lm/W

REPORTED CCT
4000 K

REPORTED CRI (RA)
84

REPORTED R9
13

REPORTED IES RF
83

REPORTED IES RG
96

REPORTED IES RCS,H1
-12

REPORTED DEFAULT LIGHT OUTPUT

16500 lm

Reported Electrical Performance 5 fields

REPORTED INPUT WATTAGE
110.0 W

REPORTED TOTAL HARMONIC DISTORTION
20 %

REPORTED POWER FACTOR
0.9

REPORTED DEFAULT INPUT WATTAGE
110.0 W

VOLTAGE RANGE
120-277 V

Tested Photometric Performance 10 fields

TESTED VOLTAGE FOR MINIMUM EFFICACY
120

TESTED LIGHT OUTPUT
17051 lm

TESTED EFFICACY (AC)
160.1 lm/W

TESTED CCT
4211 K

TESTED CRI (RA)
84

TESTED R9
13

TESTED IES RF
83

TESTED IES RG
96

TESTED IES RCS,H1
-12 %

TESTED DUV
-0.0031

Tested Electrical Performance 3 fields

TESTED INPUT WATTAGE
106.5 W

TESTED TOTAL HARMONIC DISTORTION
8.5 %

TESTED POWER FACTOR
0.967

Indoor Amber No Applicable Data

Field Adjustability 28 fields

FIELD ADJUSTABLE LIGHT OUTPUT (FALO)
Yes

FALO LIGHT OUTPUT AND WATTAGE SETTINGS

Light Output	12000 lm	14250 lm	16500 lm	N/A	N/A	N/A	N/A	N/A
Wattage	80 W	95 W	110 W	N/A	N/A	N/A	N/A	N/A

FIELD ADJUSTABLE COLOR TEMPERATURE (FACT)
Yes

FACT SETTINGS

4000 K	4000 K	5000 K	N/A	N/A	N/A	N/A	N/A	N/A

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