

DesignLights Consortium



Classification	Standard
Primary Use	Stairwell and Passageway Luminaires
Reported Input Wattage	55 W
Reported Light Output	7095 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-FUXL80
DLC Family Code	MMMSVE
Listing Status	Listed
Date Qualified	2023-03-24

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FUXL80
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTMB23514
Parent	Yes
Classification	Standard
DLC Family Code	MMMSVE
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Mid Output
Primary Use Designation	Stairwell and Passageway Luminaires

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	Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	7095 lm
Reported Efficacy (AC)	129 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	10
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	7205 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	7095 lm
Reported BUG Rating	B2 U3 G3

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	55 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	35 W
Reported Maximum Input Wattage	55
Reported Default Input Wattage	55 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	7260 lm
Tested Efficacy (AC)	130.55 lm/W
Tested CCT	3432 K
Tested CRI (Ra)	83
Tested R9	10
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0009
Tested Backlight (TM-15 BUG)	2
Tested BUG Rating	B2 U3 G3

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	55.6 W
Tested Total Harmonic Distortion	5.9 %
Tested Power Factor	0.913

VERSION HISTORY VIEW DETAILS

2023-03-24	Listed	5.1	Standard
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