DesignLights Consortium

Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	45 W
Reported Light Output	5625 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-X7C2MV
DLC Family Code	UUUVBR
Listing Status	Listed
Date Qualified	2022-11-08

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-X7C2MV
Manufacturer	ESL Vision
Brand	ESL
Model Number	ESL-CSS-830-24-3445W-3550K
Parent	Yes
Classification	Premium
DLC Family Code	UUUVBR
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes

Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Daylight Sensing,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	5625 lm
Reported Efficacy (AC)	125 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	7
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4522 lm
Reported Maximum Light Output	5715 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5625 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	34 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5478 lm
Tested Efficacy (AC)	126.3 lm/W

Tested CCT	3438 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	83
Tested IES Rg	93
Tested IES Rcs,h1	-12 %
Tested Duv	0.0014

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	43.4 W
Tested Total Harmonic Distortion	12.5 %
Tested Power Factor	0.959

VERSION HISTORY VIEW DETAILS

2022-11-08	Listed	5.1	Premium