

# DesignLights Consortium



Classification	Premium
Primary Use	1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	30 W
Reported Light Output	3840 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-H5DUB1
DLC Family Code	<a href="#">UUUVBP</a>
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-H5DUB1
Manufacturer	ESL Vision
Brand	ESL
Model Number	ESL-CSS-830-14-2030W-3550K
Parent	Yes
Classification	Premium
DLC Family Code	UUUVBP
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

## CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
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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	3840 lm
Reported Efficacy (AC)	128 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	8
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2760 lm
Reported Maximum Light Output	3900 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	3840 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	30 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	30
Reported Default Input Wattage	30 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	3931 lm
Tested Efficacy (AC)	129.51 lm/W

Tested CCT	3422 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	83
Tested IES Rg	93
Tested IES Rcs,h1	-12 %
Tested Duv	0.0017

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	30.4 W
Tested Total Harmonic Distortion	11.2 %
Tested Power Factor	0.968

## VERSION HISTORY VIEW DETAILS

2022-11-08	Listed	5.1	Premium
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