

# DesignLights Consortium



Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	6250 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-YU8N7X
DLC Family Code	<a href="#">EMWBHV</a>
Listing Status	Listed
Date Qualified	2023-10-03

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-YU8N7X
Manufacturer	Online Stores LLC.
Brand	ONLINE STORES LLC
Model Number	LG-TR-24-34/42/50-3CCT(MS,EM,Blank,Both)
Parent	Yes
Classification	Premium
DLC Family Code	EMWBHV
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
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Multifunction Sensor
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	6250 lm
Reported Efficacy (AC)	125 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	5
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4454 lm
Reported Maximum Light Output	6750 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6250 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	10.4 %
Reported Power Factor	0.969
Reported Minimum Input Wattage	34 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5978 lm
Tested Efficacy (AC)	123.78 lm/W

Tested CCT	3470 K
Tested CRI (Ra)	82
Tested R9	5
Tested IES Rf	83
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0003

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	48.3 W
Tested Total Harmonic Distortion	10.4 %
Tested Power Factor	0.969

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	<a href="#">Download File</a>
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## VERSION HISTORY VIEW DETAILS

2023-10-03	Listed	5.1	Premium
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