

DesignLights Consortium



Model Number	LG-TR-24-20/25/30/40/50-5CCT[Blank;(MS)]
Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	48.4 W
Reported Light Output	6333 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-HCRTY7
DLC Family Code	SLFCAL
Listing Status	Listed
Date Qualified	2024-05-15

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-HCRTY7
Manufacturer	Online Stores PA, LLC
Brand	LUMEGEN
Model Number	LG-TR-24-20/25/30/40/50-5CCT[Blank;(MS)]
Parent	Yes
Classification	Premium
DLC Family Code	SLFCAL
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
Sensor Type	Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	6333 lm
Reported Efficacy (AC)	130.72 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	15
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	2500 lm
Reported Maximum Light Output	6333 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	6500 K
Reported Default Light Output	6333 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	48.4 W
Reported Total Harmonic Distortion	14.4 %
Reported Power Factor	0.977
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	48.4
Reported Default Input Wattage	48.4 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	6332.5 lm
Tested Efficacy (AC)	130.72 lm/W
Tested CCT	3512 K
Tested CRI (Ra)	84
Tested R9	15
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	0.0002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	48.44 W
Tested Total Harmonic Distortion	14.35 %
Tested Power Factor	0.9766

VERSION HISTORY VIEW DETAILS

2024-05-15	Listed	5.1	Premium
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