

DesignLights Consortium



Model Number	E6SLB6590D8[Blank,M][Blank,E]-83550
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	88.4 W
Reported Light Output	10790 lm
Reported CCT	3500 K
Reported CRI (Ra)	85
Product ID	S-R4NQM0
DLC Family Code	BBBGBO
Listing Status	Listed
Date Qualified	2022-07-20

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-R4NQM0
Manufacturer	Energetic Lighting Inc.
Brand	Energetic Lighting
Model Number	E6SLB6590D8[Blank,M][Blank,E]-83550
Parent	Yes
Classification	Standard
DLC Family Code	BBBGBO
Length	8.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient
Primary Use Designation	Direct Linear Ambient Luminaires

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	10790 lm
Reported Efficacy (AC)	122.11 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	85
Reported R9	18
Reported IES Rf	86
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	7800 lm
Reported Maximum Light Output	11289 lm
Reported Minimum CCT	3500.0 K
Reported Maximum CCT	5000.0 K
Reported Default Light Output	10790 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	88.4 W
Reported Total Harmonic Distortion	3.8 %
Reported Power Factor	0.998
Reported Minimum Input Wattage	65 W
Reported Maximum Input Wattage	88.4
Reported Default Input Wattage	88.4 W
Voltage Range	120-347 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	10790 lm
Tested Efficacy (AC)	122.1 lm/W
Tested CCT	3550 K
Tested CRI (Ra)	85
Tested R9	18
Tested IES Rf	86
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0029

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	88.4 W
Tested Total Harmonic Distortion	8.7 %
Tested Power Factor	0.963

VERSION HISTORY VIEW DETAILS

2022-07-20	Listed	5.1	Standard
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