

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps for High-Bay Luminaires (Type B)
Reported Input Wattage	60 W
Reported Light Output	10000 lm
Reported CCT	5000 K
Reported CRI (Ra)	84
Product ID	S-E84VBR
DLC Family Code	EEEGSY
Listing Status	Listed
Date Qualified	2022-09-26

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-E84VBR
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	FED37N40050E39CL
Parent	Yes
Classification	Standard
DLC Family Code	EEEGSY
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	High-Bay
Primary Use Designation	Replacement Lamps for High-Bay Luminaires (Type B)

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	10000 lm
Reported Efficacy (AC)	166.67 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	84
Reported R9	41
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-9
Reported Default Light Output	10000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	60 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	60
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	9958 lm
Tested Efficacy (AC)	167.5 lm/W
Tested CCT	4762 K
Tested CRI (Ra)	84
Tested R9	39
Tested IES Rf	83
Tested IES Rg	97
Tested IES Rcs,h1	-9 %
Tested Duv	0.0032

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	59.5 W
Tested Total Harmonic Distortion	6.6 %
Tested Power Factor	0.973

VERSION HISTORY VIEW DETAILS

2022-09-26	Listed	5.1	Standard
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