

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps for Low-Bay Luminaires (Type B)
Reported Input Wattage	30 W
Reported Light Output	4550 lm
Reported CCT	2200 K
Reported CRI (Ra)	85
Product ID	S-R5PE3Z
DLC Family Code	SSSEQB
Listing Status	Listed
Date Qualified	2022-10-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-R5PE3Z
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	FED28N15022E39CL
Parent	Yes
Classification	Standard
DLC Family Code	SSSEQB
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

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

CONTROL FEATURES 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	4550 lm
Reported Efficacy (AC)	151.67 lm/W
Reported CCT	2200 K
Reported CRI (Ra)	85
Reported R9	19
Reported IES Rf	86
Reported IES Rg	98
Reported IES Rcs,h1	-10
Reported Default Light Output	4550 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	4583 lm
Tested Efficacy (AC)	145.1 lm/W
Tested CCT	2241 K
Tested CRI (Ra)	84
Tested R9	18
Tested IES Rf	86
Tested IES Rg	98
Tested IES Rcs,h1	-10 %
Tested Duv	-0.0012

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	31.6 W
Tested Total Harmonic Distortion	7.7 %
Tested Power Factor	0.94

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-01-25	Listed	5.1	Standard
2022-10-03	Listed	5.1	Standard