

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)
Reported Input Wattage	105.1 W
Reported Light Output	11801 lm
Reported CCT	3000 K
Reported CRI (Ra)	84
Product ID	S-IESFDP
DLC Family Code	RRRXME
Listing Status	Listed
Date Qualified	2022-12-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-IESFDP
Manufacturer	Light Efficient Design
Brand	LIGHT EFFICIENT DESIGN
Model Number	LED-8027M345-G7-FW-HV
Parent	Yes
Classification	Standard
DLC Family Code	RRRXME
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	High Output
Primary Use Designation	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
-------------------	----

Dimming Capability and Range	Stepped Dimmable
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Other Wired Communication Protocol
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	11801 lm
Reported Efficacy (AC)	112.28 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	84
Reported R9	12
Reported IES Rf	84
Reported IES Rg	99
Reported IES Rcs,h1	-11
Reported Minimum Light Output	8400 lm
Reported Maximum Light Output	11801 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	11801 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	105.1 W
Reported Total Harmonic Distortion	17.1 %
Reported Power Factor	0.926
Reported Minimum Input Wattage	80 W
Reported Maximum Input Wattage	105.1
Reported Default Input Wattage	105.1 W
Voltage Range	277-480 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	11810 lm
Tested Efficacy (AC)	111.62 lm/W

Tested CCT	2919 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	84
Tested IES Rg	99
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0021

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	480
Tested Input Wattage	105.8 W
Tested Total Harmonic Distortion	17.1 %
Tested Power Factor	0.926

VERSION HISTORY VIEW DETAILS

2022-12-13	Listed	5.1	Standard
------------	--------	-----	----------