

DesignLights Consortium



Model Number	54FHIDDIM/ED32/850/277V/EX39
Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)
Reported Input Wattage	54 W
Reported Light Output	8000 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-S8C497
DLC Family Code	XXXFOD
Listing Status	Listed
Date Qualified	2024-05-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-S8C497
Manufacturer	Green Creative LTD
Brand	GREEN CREATIVE
Model Number	54FHIDDIM/ED32/850/277V/EX39
Parent	Yes
Classification	Standard
DLC Family Code	XXXFOD
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	Mid 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	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	8000 lm
Reported Efficacy (AC)	148.1 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	7
Reported IES Rf	82
Reported IES Rg	93
Reported IES Rcs,h1	-13
Reported Default Light Output	8000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	54 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	54 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	7506 lm
Tested Efficacy (AC)	144.82 lm/W
Tested CCT	5008 K
Tested CRI (Ra)	82
Tested R9	7
Tested IES Rf	82

Tested IES Rg	93
Tested IES Rcs,h1	-13 %
Tested Duv	0.00062

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	51.8 W
Tested Total Harmonic Distortion	11.7 %
Tested Power Factor	0.918

LISTING INFORMATION VIEW DETAILS

Testing in a Manufacturer-Selected Housing (Luminaire Specific)	General Purpose
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VERSION HISTORY VIEW DETAILS

2024-05-06	Listed	5.1	Standard
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