

DesignLights Consortium



Model Number	45FHIDDIM/ED28/850/277V/EX39
Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)
Reported Input Wattage	45 W
Reported Light Output	6500 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-7NT93N
DLC Family Code	XXXFOC
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-7NT93N
Manufacturer	Green Creative LTD
Brand	GREEN CREATIVE
Model Number	45FHIDDIM/ED28/850/277V/EX39
Parent	Yes
Classification	Standard
DLC Family Code	XXXFOC
Length	0.8 ft
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	6500 lm
Reported Efficacy (AC)	144.4 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	9
Reported IES Rf	82
Reported IES Rg	92
Reported IES Rcs,h1	-13
Reported Default Light Output	6500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	6228 lm
Tested Efficacy (AC)	151.02 lm/W
Tested CCT	5122 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	82

Tested IES Rg	92
Tested IES Rcs,h1	-13 %
Tested Duv	0.00181

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	41.2 W
Tested Total Harmonic Distortion	13.5 %
Tested Power Factor	0.901

VERSION HISTORY VIEW DETAILS

2024-05-06	Listed	5.1	Standard
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