

DesignLights Consortium



Model Number	LED-8091M50D-HV
Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires (Type B)
Reported Input Wattage	313.2 W
Reported Light Output	45282 lm
Reported CCT	5000 K
Reported CRI (Ra)	73
Product ID	S-BL4W5K
DLC Family Code	GGGGXA
Listing Status	Listed
Date Qualified	2022-12-05

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-BL4W5K
Manufacturer	Light Efficient Design
Brand	LIGHT EFFICIENT DESIGN
Model Number	LED-8091M50D-HV
Parent	No
Classification	Standard
DLC Family Code	GGGGXA
Input Power Type	AC
Notes	Dimmable via an external accessory

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	Very High Output

Primary Use Designation	Replacement Lamps for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires (Type B)
-------------------------	---

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Stepped Dimmable
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	Input signal from external control source
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	45282 lm
Reported Efficacy (AC)	144.58 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	73
Reported R9	-26
Reported IES Rf	73
Reported IES Rg	94
Reported IES Rcs,h1	-17
Reported Default Light Output	45282 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	313.2 W
Reported Total Harmonic Distortion	20.4 %
Reported Power Factor	0.913
Reported Default Input Wattage	313.2 W
Voltage Range	277-480 V

VERSION HISTORY VIEW DETAILS

2022-12-05	Listed	5.1	Standard
------------	--------	-----	----------