

DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	50 W
Reported Light Output	7607 lm
Reported CCT	3000 K
Reported CRI (Ra)	70
Product ID	S-59XA2Z
DLC Family Code	UUUVFU
Listing Status	Listed
Date Qualified	2023-03-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-59XA2Z
Manufacturer	BIG SHINE LED
Brand	Big Shine LED
Model Number	BSL-PT50-PT7-WPSL-CCT03-V
Parent	No
Classification	Premium
DLC Family Code	UUUVFU
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Mid Output
Primary Use Designation	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Exterior Photocell
SSL V5 Wired Communication Protocol	0-10V Analog
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	7607 lm
Reported Efficacy (AC)	152.1 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	70
Reported R9	-36
Reported IES Rf	73
Reported IES Rg	93
Reported IES Rcs,h1	-17
Reported Minimum Light Output	2313 lm
Reported Maximum Light Output	7607 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	7607 lm
Reported BUG Rating	B2 U1 G1

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.95
Reported Minimum Input Wattage	14.7 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	100-277 V

VERSION HISTORY VIEW DETAILS

2023-03-03	Listed	5.1	Premium
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