

# DesignLights Consortium



Model Number	AL300WSCCTBK5
Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	313.2 W
Reported Light Output	44052 lm
Reported CCT	3000 K
Reported CRI (Ra)	73
Product ID	S-FS36ZA
DLC Family Code	<a href="#">EMWAXU</a>
Listing Status	Listed
Date Qualified	2023-03-28

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FS36ZA
Manufacturer	EarthTronics Inc.
Brand	EarthTronics
Model Number	AL300WSCCTBK5
Parent	Yes
Classification	Premium
DLC Family Code	EMWAXU
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

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

## 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	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	44052 lm
Reported Efficacy (AC)	140.65 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	73
Reported R9	-36
Reported IES Rf	75
Reported IES Rg	93
Reported IES Rcs,h1	-18
Reported Minimum Light Output	28000 lm
Reported Maximum Light Output	44052 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	44052 lm
Reported BUG Rating	B4 U3 G4

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	313.2 W
Reported Total Harmonic Distortion	10.9 %
Reported Power Factor	0.929
Reported Minimum Input Wattage	200 W
Reported Maximum Input Wattage	313.2
Reported Default Input Wattage	313.2 W
Voltage Range	120-347 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	44052 lm
Tested Efficacy (AC)	140.65 lm/W
Tested CCT	3049 K
Tested CRI (Ra)	73
Tested R9	-36
Tested IES Rf	76
Tested IES Rg	94
Tested IES Rcs,h1	-17 %
Tested Duv	-0.0017
Field Adjustable Light Distribution Setting	straight down
Tested BUG Rating	B4 U3 G4

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	313.2 W
Tested Total Harmonic Distortion	10.9 %
Tested Power Factor	0.929

## VERSION HISTORY VIEW DETAILS

2023-03-28	Listed	5.1	Premium
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number