

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	EMWAXU
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