DesignLights Consortium

Model Number	ALI-SL0830-300W-H3-50K-TP[Blank;(PIR);(PTC);(MS);(PIP);(MSP);(PR);(PSC);(BT)]
Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	297.8 W
Reported Light Output	36313 lm
Reported CCT	5000 K
Reported CRI (Ra)	86
Product ID	S-H541GT
DLC Family Code	EMWAVJ
Listing Status	Listed
Date Qualified	2022-11-23

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-H541GT
Manufacturer	American lighting industry corp
Brand	ASTRE LIGHTS
Model Number	ALI-SL0830-300W-H3-50K-TP[Blank;(PIR);(PTC);(MS);(PIP);(MSP);(PR);(PSC);(BT)]
Parent	No
Classification	Premium
DLC Family Code	EMWAVJ
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	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Exterior Photocell, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	36313 lm
Reported Efficacy (AC)	121.94 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	86
Reported R9	22
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	26000 lm
Reported Maximum Light Output	36313 lm
Reported Default Light Output	36313 lm
Reported BUG Rating	B4 U3 G4

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	297.8 W
Reported Total Harmonic Distortion	8.1 %
Reported Power Factor	0.944
Reported Minimum Input Wattage	200 W
Reported Maximum Input Wattage	297.8
Reported Default Input Wattage	297.8 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Field Adjustable Light Distribution Setting	straight down

VERSION HISTORY VIEW DETAILS

2022-11-23	Listed	5.1	Premium