

DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	300 W
Reported Light Output	42000 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	PLGF9BD4XO1U
DLC Family Code	EMWAIK
Listing Status	Listed
Date Qualified	2021-10-15

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLGF9BD4XO1U
Manufacturer	SATCO Products Inc
Brand	SATCO/NUVO
Model Number	65/868
Parent	Yes
Classification	Premium
DLC Family Code	EMWAIK
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
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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	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	42000 lm
Reported Efficacy (AC)	140 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	12
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Default Light Output	42000 lm
Reported BUG Rating	B3 U2 G3

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	300 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Default Input Wattage	300 W
Voltage Range	277-480 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	42823.2 lm
Tested Efficacy (AC)	140.68 lm/W
Tested CCT	3993 K
Tested CRI (Ra)	83.7
Tested R9	12
Tested IES Rf	85
Tested IES Rg	96

Tested IES Rcs,h1	-11 %
Tested Duv	0.0011
Tested Backlight (TM-15 BUG)	3
Tested BUG Rating	B3 U2 G3

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	304.4 W
Tested Total Harmonic Distortion	15.17 %
Tested Power Factor	0.9063

VERSION HISTORY VIEW DETAILS

2021-10-15	Listed	5.1	Premium
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