

# DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	100 W
Reported Light Output	14000 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	PLVSBYUF3507
DLC Family Code	<a href="#">EMWAIH</a>
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	PLVSBYUF3507
Manufacturer	SATCO Products Inc
Brand	SATCO/NUVO
Model Number	65/840
Parent	Yes
Classification	Premium
DLC Family Code	EMWAIH
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	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	Yes
Field Adjustable Distribution Type	Integral FALD

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	14000 lm
Reported Efficacy (AC)	140 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	10
Reported IES Rf	84
Reported IES Rg	93
Reported IES Rcs,h1	-0.12
Reported BUG Rating	B4 U2 G4

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	100 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	13873.1 lm
Tested Efficacy (AC)	139.12 lm/W
Tested CCT	3959 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	84
Tested IES Rg	93

Tested IES Rcs,h1	-12 %
Tested Duv	0.0014
Tested Backlight (TM-15 BUG)	3
Field Adjustable Light Distribution Setting	Straight Down
Tested BUG Rating	B3 U2 G3

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	99.72 W
Tested Total Harmonic Distortion	7.02 %
Tested Power Factor	0.9183

### VERSION HISTORY VIEW DETAILS

2021-10-15	Listed	5.1	Premium
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