

DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	148.8 W
Reported Light Output	19580 lm
Reported CCT	4000 K
Reported CRI (Ra)	85.5
Product ID	S-2SC7YV
DLC Family Code	SLFAOX
Listing Status	Listed
Date Qualified	2023-06-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-2SC7YV
Manufacturer	SATCO Products Inc
Brand	SATCO/NUVO
Model Number	65/842/5
Parent	Yes
Classification	Premium
DLC Family Code	SLFAOX
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, Sensor Receptacle, 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	19580 lm
Reported Efficacy (AC)	131.59 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	85.5
Reported R9	19
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-11
Reported Default Light Output	19580 lm
Reported BUG Rating	B4 U3 G2

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	148.8 W
Reported Total Harmonic Distortion	11.5 %
Reported Power Factor	0.939
Reported Default Input Wattage	148.8 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	19580 lm
Tested Efficacy (AC)	131.59 lm/W
Tested CCT	3963 K
Tested CRI (Ra)	85.5
Tested R9	19
Tested IES Rf	85

Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0001
Tested Backlight (TM-15 BUG)	4
Field Adjustable Light Distribution Setting	straight down
Tested BUG Rating	B4 U3 G2

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	148.8 W
Tested Total Harmonic Distortion	11.53 %
Tested Power Factor	0.9387

VERSION HISTORY VIEW DETAILS

2023-06-06	Listed	5.1	Premium
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