

# DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	296.9 W
Reported Light Output	38662 lm
Reported CCT	4000 K
Reported CRI (Ra)	85.7
Product ID	S-RENY83
DLC Family Code	<a href="#">SLFAOX</a>
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-RENY83
Manufacturer	SATCO Products Inc
Brand	SATCO/NUVO
Model Number	65/848/5
Parent	Yes
Classification	Premium
DLC Family Code	SLFAOX
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, 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	38662 lm
Reported Efficacy (AC)	130.21 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	85.7
Reported R9	20
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-11
Reported Default Light Output	38662 lm
Reported BUG Rating	B5 U3 G2

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	296.9 W
Reported Total Harmonic Distortion	11.61 %
Reported Power Factor	0.9362
Reported Default Input Wattage	296.9 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	38662 lm
Tested Efficacy (AC)	130.21 lm/W
Tested CCT	4005 K
Tested CRI (Ra)	85.7
Tested R9	20
Tested IES Rf	85

Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0003
Tested Backlight (TM-15 BUG)	5
Field Adjustable Light Distribution Setting	straight down
Tested BUG Rating	B5 U3 G2

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	296.9 W
Tested Total Harmonic Distortion	11.61 %
Tested Power Factor	0.9362

## VERSION HISTORY VIEW DETAILS

2023-06-06	Listed	5.1	Premium
------------	--------	-----	---------