

# DesignLights Consortium



Model Number	SU-UFO-150W-40/50/57K-G1
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	146.2 W
Reported Light Output	21015 lm
Reported CCT	4000 K
Reported CRI (Ra)	83
Product ID	S-NR784P
DLC Family Code	<a href="#">RLRBJC</a>
Listing Status	Listed
Date Qualified	2025-10-28

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-NR784P
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-UFO-150W-40/50/57K-G1
Parent	Yes
Classification	Premium
DLC Family Code	RLRBJC
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	High-Bay
Primary Use Designation	High-Bay Luminaires for Commercial and Industrial Buildings

## CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	Daylight Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	21015 lm
Reported Efficacy (AC)	143.74 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	83
Reported R9	8
Reported IES Rf	84
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum Light Output	10781 lm
Reported Maximum Light Output	21015 lm
Reported Minimum CCT	4000 K

Reported Maximum CCT	5700 K
Reported Default Light Output	21015 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	146.2 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	75 W
Reported Maximum Input Wattage	146.2
Reported Default Input Wattage	146.2 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	21015.1 lm
Tested Efficacy (AC)	143.74 lm/W
Tested CCT	3961 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	84
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0005

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	146.2 W
Tested Total Harmonic Distortion	6.51 %
Tested Power Factor	0.954

## VERSION HISTORY VIEW DETAILS

2025-10-28	Listed	5.1	Premium
------------	--------	-----	---------

Product Images shown may not represent all capabilities or aesthetic options available for the associated model number