

DesignLights Consortium



Model Number	SU-PAN24-20T72W-xxK G2
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	72 W
Reported Light Output	10066 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-X5CMJD
DLC Family Code	YBBWMC
Listing Status	Listed
Date Qualified	2025-09-26

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-X5CMJD
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-PAN24-20T72W-xxK G2
Parent	Yes
Classification	Premium
DLC Family Code	YBBWMC
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	Energy Monitoring, High End Trim
Sensor Type	Multifunction Sensor, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth, WiFi
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	10066 lm
Reported Efficacy (AC)	139.8 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	8
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2796 lm
Reported Maximum Light Output	10066 lm
Reported Minimum CCT	3000 K

Reported Maximum CCT	6500 K
Reported Default Light Output	10066 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	72 W
Reported Total Harmonic Distortion	12.5 %
Reported Power Factor	0.959
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	72
Reported Default Input Wattage	72 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	10031 lm
Tested Efficacy (AC)	139.8 lm/W
Tested CCT	2957 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0016

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	71.96 W
Tested Total Harmonic Distortion	12.5 %
Tested Power Factor	0.959

VERSION HISTORY VIEW DETAILS

2025-09-26

Listed

5.1

Premium

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