

DesignLights Consortium



Model Number	SU-LHB2FT-255W-xxK GX
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	255 W
Reported Light Output	40953 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-FLRH6C
DLC Family Code	BWFWSV
Listing Status	Listed
Date Qualified	2025-08-28

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FLRH6C
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-LHB2FT-255W-xxK GX
Parent	No
Classification	Premium
DLC Family Code	BWFWSV
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
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	40953 lm
Reported Efficacy (AC)	160.6 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	6
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	16060 lm
Reported Maximum Light Output	40953 lm
Reported Minimum CCT	3000 K

Reported Maximum CCT	6500 K
Reported Default Light Output	40953 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	255 W
Reported Total Harmonic Distortion	7.7 %
Reported Power Factor	0.975
Reported Minimum Input Wattage	100 W
Reported Maximum Input Wattage	255
Reported Default Input Wattage	255 W
Voltage Range	120-277 V

VERSION HISTORY VIEW DETAILS

2025-08-28	Listed	5.1	Premium
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number