

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	98.9 W
Reported Light Output	13838 lm
Reported CCT	4000 K
Reported CRI (Ra)	84
Product ID	S-U80D4A
DLC Family Code	SLFAIS
Listing Status	Listed
Date Qualified	2023-02-20

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-U80D4A
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	65/781R2
Parent	Yes
Classification	Premium
DLC Family Code	SLFAIS
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
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Multifunction Sensor, Sensor Receptacle, Daylight Sensing, 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	13838 lm
Reported Efficacy (AC)	139.96 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	84
Reported R9	12
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	13838 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	98.9 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	98.9
Reported Default Input Wattage	98.9 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	13838 lm
Tested Efficacy (AC)	139.96 lm/W
Tested CCT	4033 K
Tested CRI (Ra)	84
Tested R9	12

Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0002
Field Adjustable Light Distribution Setting	Pointing Straight Down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	98.9 W
Tested Total Harmonic Distortion	12.3 %
Tested Power Factor	0.926

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-02-20	Listed	5.1	Premium
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