

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	229.6 W
Reported Light Output	31987 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-G36HQA
DLC Family Code	EEEHFN
Listing Status	Listed
Date Qualified	2023-06-27

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-G36HQA
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBO21XX
Parent	Yes
Classification	Premium
DLC Family Code	EEEHFN
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

PRODUCT CAPABILITIES 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	Sensor Receptacle,Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	31987 lm
Reported Efficacy (AC)	139.3 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	4
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	13933 lm
Reported Maximum Light Output	31987 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	31987 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	229.6 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	200 W
Reported Maximum Input Wattage	229.6
Reported Default Input Wattage	229.6 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	31987 lm
Tested Efficacy (AC)	139.33 lm/W

Tested CCT	3033 K
Tested CRI (Ra)	82
Tested R9	4
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0021

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	229.6 W
Tested Total Harmonic Distortion	6.6 %
Tested Power Factor	0.961

VERSION HISTORY VIEW DETAILS

2023-06-27	Listed	5.1	Premium
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