

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	118.9 W
Reported Light Output	17272 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	PLDQISX8M276
DLC Family Code	EMWAKO
Listing Status	Listed
Date Qualified	2021-12-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLDQISX8M276
Manufacturer	SATCO Products Inc
Brand	SATCO PRODUCTS
Model Number	65/770R1
Parent	Yes
Classification	Premium
DLC Family Code	EMWAKO
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	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	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	17272 lm
Reported Efficacy (AC)	145.3 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	3
Reported IES Rf	84
Reported IES Rg	98
Reported IES Rcs,h1	-12
Reported Minimum Light Output	8718 lm
Reported Maximum Light Output	17272 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	17272 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	118.9 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	60 W
Reported Maximum Input Wattage	118.9
Reported Default Input Wattage	118.9 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	17272 lm
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Tested Efficacy (AC)	145.3 lm/W
Tested CCT	3032 K
Tested CRI (Ra)	82
Tested R9	3
Tested IES Rf	84
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0009
Field Adjustable Light Distribution Setting	Pointing Straight Down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	118.87 W
Tested Total Harmonic Distortion	9.2 %
Tested Power Factor	0.944

VERSION HISTORY VIEW DETAILS

2021-12-09	Listed	5.1	Premium
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