

DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	130 W
Reported Light Output	17500 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	PMEB8DS9
DLC Family Code	WWWXRO
Listing Status	Listed
Date Qualified	2021-10-07

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PMEB8DS9
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	QHB2UZDE450K[Blank, B][Blank, ALL CONTROLS]
Parent	Yes
Classification	Standard
DLC Family Code	WWWXRO
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
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	No Control Capability
Sensor Type	Multifunction Sensor, Daylight Sensing, Occupancy Sensing
Wired Communication Protocol	0-10V Analog
Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	17500 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	3
Reported IES Rf	81
Reported IES Rg	96
Reported IES Rcs,h1	-13
Reported Default Light Output	17500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	130 W
Reported Total Harmonic Distortion	3.5 %
Reported Power Factor	0.988
Reported Default Input Wattage	130
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	19314 lm
Tested Efficacy (AC)	147.8 lm/W
Tested CCT	4967 K
Tested CRI (Ra)	80
Tested R9	3
Tested IES Rf	81
Tested IES Rg	96
Tested IES Rcs,h1	-13 %
Tested Duv	0.0012

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	130.7 W
Tested Total Harmonic Distortion	3.5 %
Tested Power Factor	0.988

VERSION HISTORY VIEW DETAILS

2021-10-07	Listed	5.1	Standard
------------	--------	-----	----------