

# DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	110 W
Reported Light Output	14850 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	PLDY2K9P
DLC Family Code	<a href="#">IIIOLW</a>
Listing Status	Listed
Date Qualified	2021-10-12

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLDY2K9P
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	QHB4UZDA250K[Blank, B][Blank, All controls]
Parent	Yes
Classification	Standard
DLC Family Code	IIIOLW
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
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	14850 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Default Light Output	14850 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	110 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	110
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	15819 lm
Tested Efficacy (AC)	143.8 lm/W
Tested CCT	4962 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	83
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0027

**TESTED ELECTRICAL PERFORMANCE VIEW DETAILS**

Tested Voltage	120
Tested Input Wattage	110 W
Tested Total Harmonic Distortion	10.7 %
Tested Power Factor	0.962

**VERSION HISTORY VIEW DETAILS**

2021-10-12	Listed	5.1	Standard
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