

DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	110 W
Reported Light Output	14000 lm
Reported CCT	4000 K
Reported CRI (Ra)	83
Product ID	S-K31TRP
DLC Family Code	RRRCXZ
Listing Status	Listed
Date Qualified	2022-08-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-K31TRP
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	QHB2UZDA240KIP[Blank, NSF, All controls]
Parent	Yes
Classification	Standard
DLC Family Code	RRRCXZ
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	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	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	14000 lm
Reported Efficacy (AC)	127.27 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	14000 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	14106 lm
Tested Efficacy (AC)	136.77 lm/W
Tested CCT	4054 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	103.1 W
Tested Total Harmonic Distortion	13.9 %
Tested Power Factor	0.877

VERSION HISTORY VIEW DETAILS

2022-08-04	Listed	5.1	Standard
------------	--------	-----	----------