

DesignLights Consortium



Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	196.1 W
Reported Light Output	28578 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	PKW6GXGC
DLC Family Code	DDDLMY
Listing Status	Listed
Date Qualified	2021-03-23

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PKW6GXGC
Manufacturer	ESL Vision
Brand	ESL Vision
Model Number	ESL-RHB-100200W-240-[WH,BK,BZ]-120D
Parent	Yes
Classification	Standard
DLC Family Code	DDDLMY
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
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	No Control Capability
Sensor Type	Occupancy Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	28578 lm
Reported Efficacy (AC)	145.7 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	0
Reported IES Rf	84
Reported IES Rg	93
Reported IES Rcs,h1	-13
Reported Minimum Light Output	14000 lm
Reported Maximum Light Output	28578 lm
Reported Default Light Output	28578 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	196.1 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	96.0878517501716 W
Reported Default Input Wattage	200 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	28578.8 lm
Tested Efficacy (AC)	145.74 lm/W
Tested CCT	4023 K
Tested CRI (Ra)	81.8
Tested IES Rf	84
Tested IES Rg	93

Tested IES Rcs,h1	-13 %
Tested Duv	0.0068

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	196.1 W
Tested Total Harmonic Distortion	6.97 %
Tested Power Factor	0.9642

VERSION HISTORY VIEW DETAILS

2022-09-12	Listed	5.1	Standard
2021-03-23	Listed	5.1	Standard