

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	220 W
Reported Light Output	29920 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	PLY1KMO3CV71
DLC Family Code	LLLCBT
Listing Status	Listed
Date Qualified	2021-12-10

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLY1KMO3CV71
Manufacturer	Halco Lighting Technologies
Brand	HALCO
Model Number	LHB-3-WS-50-U-[Blank,EM]-[Blank,LVMS,PIRMS]
Parent	Yes
Classification	Premium
DLC Family Code	LLLCBT
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	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	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	29920 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	10
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	25200 lm
Reported Maximum Light Output	29920 lm
Reported Default Light Output	29920 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	220 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	180 W
Reported Default Input Wattage	220 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	30914 lm
Tested Efficacy (AC)	136.1 lm/W
Tested CCT	5073 K
Tested CRI (Ra)	82
Tested R9	5

Tested IES Rf	82
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0017

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	227 W
Tested Total Harmonic Distortion	16 %
Tested Power Factor	0.935

VERSION HISTORY VIEW DETAILS

2021-12-10	Listed	5.1	Premium
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