

DesignLights Consortium



Model Number	ELHB4-320W1023CWS[blank;-EM1;-EM2;-EM3;-RC;-EMRC1;-EMRC2;-EMRC3]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	320 W
Reported Light Output	43200 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	S-Y9L1J8
DLC Family Code	EAEGFT
Listing Status	Listed
Date Qualified	2025-01-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-Y9L1J8
Manufacturer	Euri Lighting
Brand	Euri Lighting
Model Number	ELHB4-320W1023CWS[blank;-EM1;-EM2;-EM3;-RC;-EMRC1;-EMRC2;-EMRC3]
Parent	Yes
Classification	Premium
DLC Family Code	EAEGFT
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 above 10%
Integral Control Capability	Energy Monitoring, High End Trim, LLLC
Sensor Type	Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	43200 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	15
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	29700 lm
Reported Maximum Light Output	43200 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	43200 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	320 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	220 W
Reported Maximum Input Wattage	320
Reported Default Input Wattage	320 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	43885 lm
Tested Efficacy (AC)	136.05 lm/W
Tested CCT	4166 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	84
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	0.0012

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	322.56 W
Tested Total Harmonic Distortion	4.5 %
Tested Power Factor	0.976

VERSION HISTORY VIEW DETAILS

2025-01-06	Listed	5.1	Premium
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