

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	219.2 W
Reported Light Output	30315 lm
Reported CCT	4000 K
Reported CRI (Ra)	80
Product ID	S-EYTO90
DLC Family Code	EMWANC
Listing Status	Listed
Date Qualified	2022-04-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-EYTO90
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	65/647R1
Parent	Yes
Classification	Premium
DLC Family Code	EMWANC
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	Sensor Receptacle, 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	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	30315 lm
Reported Efficacy (AC)	138.28 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	80
Reported R9	2
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-13
Reported Default Light Output	30315 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	219.2 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Default Input Wattage	219.2 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	30315 lm
Tested Efficacy (AC)	138.28 lm/W
Tested CCT	4025 K
Tested CRI (Ra)	82
Tested R9	2
Tested IES Rf	83

Tested IES Rg	96
Tested IES Rcs,h1	-13 %
Tested Duv	0.0006
Field Adjustable Light Distribution Setting	Pointing Straight Down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	219.2 W
Tested Total Harmonic Distortion	8.9 %
Tested Power Factor	0.943

VERSION HISTORY VIEW DETAILS

2022-04-13	Listed	5.1	Premium
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