

DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	150 W
Reported Light Output	22500 lm
Reported CCT	5000 K
Reported CRI (Ra)	74
Product ID	S-ZH5BQA
DLC Family Code	CCCIHG
Listing Status	Listed
Date Qualified	2023-09-29

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-ZH5BQA
Manufacturer	T-1 Lighting Inc.
Brand	T-1 Lighting Inc.
Model Number	T1-SALED/MW150-MCCT
Parent	Yes
Classification	Premium
DLC Family Code	CCCIHG
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	High Output
Primary Use Designation	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	High End Trim
Sensor Type	Sensor Receptacle
SSL V5 Wired Communication Protocol	0-10V Analog,Other Wired Communication Protocol
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	22500 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	74
Reported R9	-27
Reported IES Rf	75
Reported IES Rg	94
Reported IES Rcs,h1	-17
Reported Minimum Light Output	11250 lm
Reported Maximum Light Output	22500 lm
Reported Default Light Output	22500 lm
Reported BUG Rating	B4 U2 G3

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	150 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	75 W
Reported Maximum Input Wattage	150
Reported Default Input Wattage	150 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	22502 lm
Tested Efficacy (AC)	155.51 lm/W
Tested CCT	4989 K

Tested CRI (Ra)	74
Tested IES Rf	75
Tested IES Rg	94
Tested IES Rcs,h1	-17 %
Tested Backlight (TM-15 BUG)	4
Tested BUG Rating	B4 U2 G3

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	144.7 W
Tested Total Harmonic Distortion	8.4 %
Tested Power Factor	0.958

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-09-29	Listed	5.1	Premium
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