

# DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps for High-Bay Luminaires (Type B)
Reported Input Wattage	90 W
Reported Light Output	13000 lm
Reported CCT	4000 K
Reported CRI (Ra)	70
Product ID	PW9RMT1U
DLC Family Code	<a href="#">SSSDMK</a>
Listing Status	Listed
Date Qualified	2019-05-20

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PW9RMT1U
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	LHID25040
Parent	Yes
Classification	Standard
DLC Family Code	SSSDMK
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	High-Bay
Primary Use Designation	Replacement Lamps for High-Bay Luminaires (Type B)

## PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	13000 lm
Reported Efficacy (AC)	144 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	70
Reported R9	-28
Reported IES Rf	74
Reported IES Rg	95
Reported IES Rcs,h1	-16
Reported Default Light Output	13000 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	90 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Default Input Wattage	90
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	13646 lm
Tested Efficacy (AC)	156.21 lm/W
Tested CCT	3942 K
Tested CRI (Ra)	72

Tested R9	-28
Tested IES Rf	74
Tested IES Rg	95
Tested IES Rcs,h1	-16 %
Tested Duv	0.0035

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	87.4 W
Tested Total Harmonic Distortion	13.3 %
Tested Power Factor	0.99

## VERSION HISTORY VIEW DETAILS

2022-10-31	Listed	5.1	Standard
2022-06-30	Delisted	5	Standard
2021-02-28	Listed	5	Standard
2021-02-22	Listed	5	Standard
2019-07-08	Listed	4.4	Standard
2019-05-20	Listed	4.4	Standard