

DesignLights Consortium



Model Number	PLTM44A142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	40 W
Reported Light Output	5200 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-TKQS7S
DLC Family Code	WHSTZV
Listing Status	Listed
Date Qualified	2025-06-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-TKQS7S
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM44A142
Parent	Yes
Classification	Standard
DLC Family Code	WHSTZV
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient
Primary Use Designation	Direct Linear Ambient Luminaires

CONTROL FEATURES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5200 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	8
Reported IES Rf	83
Reported IES Rg	98
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4200 lm
Reported Maximum Light Output	5200 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	10.8 %
Reported Power Factor	0.982
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	40
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	4938 lm
Tested Efficacy (AC)	134.72 lm/W
Tested CCT	3433 K

Tested CRI (Ra)	82
Tested R9	8
Tested IES Rf	83
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	0.0006

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	36.65 W
Tested Total Harmonic Distortion	10.8 %
Tested Power Factor	0.982

VERSION HISTORY VIEW DETAILS

2025-06-04	Listed	5.1	Standard
------------	--------	-----	----------