

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	25 W
Reported Light Output	3300 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-GG57GZ
DLC Family Code	XXXFJF
Listing Status	Listed
Date Qualified	2024-01-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-GG57GZ
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSPE6216
Parent	Yes
Classification	Standard
DLC Family Code	XXXFJF
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T5HO Four-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
-------------------	----

Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Other Wired Communication Protocol
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	170 °
Reported Light Output	3300 lm
Reported Efficacy (AC)	132 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3300 lm
Reported Maximum Light Output	3500 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	65000 K
Reported Default Light Output	3300 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	25 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	25 W
Reported Maximum Input Wattage	25
Reported Default Input Wattage	25 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	3488 lm

Tested Efficacy (AC)	138.4 lm/W
Tested CCT	3076 K
Tested CRI (Ra)	84
Tested R9	11
Tested IES Rf	86
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0012
Tested Beam Angle	164 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	25.2 W
Tested Total Harmonic Distortion	20.2 %
Tested Power Factor	0.946

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
-----------	-------------------------------

VERSION HISTORY VIEW DETAILS

2024-01-09	Listed	5.1	Standard
------------	--------	-----	----------