

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps (Plug and Play) (UL Type A)
Reported Input Wattage	29 W
Reported Light Output	3500 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	P54SW12S
DLC Family Code	LLLBEZ
Listing Status	Listed
Date Qualified	2017-06-05

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	P54SW12S
Manufacturer	Green Creative LTD
Brand	Green Creative LTD
Model Number	24T5HO/4F/850/DIR/R
Parent	Yes
Classification	Standard
DLC Family Code	LLLBEZ
Length	4.0 ft
Input Power Type	AC
Notes	Updated 4/13/22

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T5HO Four-Foot
Primary Use Designation	Replacement Lamps (Plug and Play) (UL Type A)

CONTROL FEATURES 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	Other Wired Communication Protocol
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 Beam Angle	140 °
Reported Light Output	3500 lm
Reported Efficacy (AC)	121 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Default Light Output	3500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	29 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	29 W

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	3596 lm
Tested Efficacy (AC)	124.5 lm/W
Tested CCT	5027 K
Tested CRI (Ra)	83
Tested R9	6
Tested IES Rf	83

Tested IES Rg	95
Tested IES Rcs,h1	-13 %
Tested Duv	0.0027

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	28.9 W
Tested Total Harmonic Distortion	12.4 %
Tested Power Factor	0.965

VERSION HISTORY VIEW DETAILS

2022-04-13	Listed	5.1	Standard
2020-03-30	Listed	5	Standard
2018-11-02	Listed	4.4	Standard
2018-06-04	Listed	4.3	Standard
2018-05-02	Listed	4.3	Standard
2017-06-05	Listed	4.2	Standard