



Product Specification

Document No.:

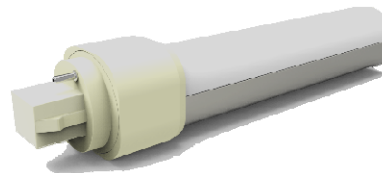
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model no. **PLT-50385, PLT-50386, PLT-50387, PLT-50388, PLT-50389**

1. DESCRIPTION:

LAMP TYPE:	PLED
LAMP CLASSIFIED:	Type B, Gen2
BASE TYPE:	G24D (Two Pin-Base)
EQUIVALENT	26W
WATTAGE:	9W
CCT:	2700K,3000K,3500K,4000K, 5000K
DIFFUSER TYPE:	Glass
WARRANTY:	5 YEARS



Suitable for dry and damp locations
Suitable for open fixtures
Horizontal burn position only

2. PRODUCT FEATURES

Direct Replacement for conventional fluorescent lamp
UL Listed
270 degree rotatable cap
Environmentally friendly: no mercury

3. PERFORMANCE (If no specified, the test conditions in below items are: Ta=25°C±1°C, RH≤65%, air free.)

3.1 Electrical Characteristics

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test Condition
Rated Power per lamp (Bare)	Plamp	-10%	9.0	+10%	W	Vin=120,277Vac
Lamp voltage	Vlamp	--	120	--	V	/
Input voltage	U	108	120/277	305	V	/
Frequency	f	--	50/60	--	Hz	/
Power factor	PF	-3%	0.9	--	/	Vin=120,277Vac
Total Harmonic Distortion	THD	--	20%	+5%	/	Vin=120,277Vac
Starting time	t	--	--	2	s	Vin=120,277Vac
Flicker Percent	/	--	--	--	/	/
Dimming Type	/					

3.2 Photometrical Characteristics

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test Condition
Beam Angle	/	--	120	--	°	
Flux @2700K	Φ	-10%	900	--	LM	Vin=120,277Vac
Flux @3000K/3500K		-10%	950	--		
Flux @4000K/5000K		-10%	1000	--		
Lamp efficacy@2700K	ηlamp	-10%	100	--	LM/W	
Lamp efficacy@3000K/3500K		-10%	105	--		
Lamp efficacy@4000K/5000K		-10%	110	--		

3.3 Color Characteristics (refer to ANSI C78.377-2017)

Chromaticity coordinates

CENTER POINT	CCT=2700K	X=0.4578 Y=0.4101	/
	CCT=3000K	X=0.4338 Y=0.4030	
	CCT=3500K	X=0.4073 Y=0.3917	
	CCT=4000K	X=0.3818 Y=0.3797	
	CCT=5000K	X=0.3447 Y=0.3553	



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PARAMETER	SYMBOL	MIN	RATED	MAX	Unit	Test Condition
Color Render Index	Ra	80	82	--	/	/
R9	R9	0	12	--		
Color tolerance	/	--	--	5	SDCM	

4. LUMEN MAINTENANCE & LIFE

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test Condition
Lumen Maintenance at 6000hrs	/	--	95.8%	--	/	/
Life	t	--	50000	--	Hrs	Ta=45C, air free
Warranty	/	--	5	--	Year	Ta=45C, air free

5. OPERATION TEMPERATURE & STORAGE TEMPERATURE

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test Condition
Ambient Temperature	T _A	-20	--	45	°C	/
Storage Temperature	T _{st}	-40	--	85		/

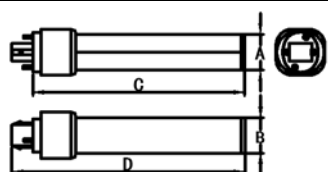
6. COMPATIBILITY

N/A

7. APPROBATION COMPLIANCE

UL1993, FCC part 18 no-consumer, RoHS compliance, NSF

8. DIMENSIONS



SYMBOL	MIN	TYP	MAX	UNIT
A	26	--	28	mm
B	26	--	28	mm
C	152	--	154	mm
D	167	--	169	mm

9. Connection & Wiring

WIRING DIAGRAM	WIRING ILLUSTRATION
	/

10. SKUs

PLT-50385 - 9W, 900 Lumens, 100 LPW, 2700K
PLT-50386 - 9W, 950 Lumens, 106 LPW, 3000K
PLT-50387 - 9W, 950 Lumens, 106 LPW, 3500K
PLT-50388 - 9W, 1000 Lumens, 111 LPW, 4000K
PLT-50389 - 9W, 1000 Lumens, 111 LPW, 5000K