



Product Specification

Document No.:

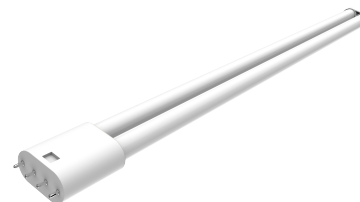
Version: A0

Page: 1/2

model no. **PLT-50373, PLT-50374, PLT-50375, PLT-50376, PLT-50377**

1. DESCRIPTION:

LAMP TYPE:	PLL
LAMP CLASSIFIED:	Type B, Gen2
BASE TYPE:	2G11
EQUIVALENT	/
WATTAGE:	15W
CCT:	3000K,3500K,4000K,5000K,6500K
DIFFUSER TYPE:	PET Coating
WARRANTY:	5 YEARS



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

2. PRODUCT FEATURES

Replacement for conventional fluorescent lamp
Direct wire, 120-277Vac input
UL (RC and Classified)
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
Input voltage	Vin	--	120/277	--	V	/
Frequency	f	--	50/60	--	Hz	/
Rated system power	P	-10%	15.0	+10%	W	Vin=120,277Vac
Power factor	PF	0.9		--	/	Vin=120,277Vac
Total Harmonic	THD	--	20%	+5%	/	Vin=120,277Vac
Starting time	t	--	--	1	s	Vin=120,277Vac
Flicker Percent	/	--	--	--	/	/
Dimming Type	/	Non-dimmable				

3.2 Photometrical Characteristics

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test Condition
Beam Angle	/	--	140	--	°	
Flux @<4000K	Φ	-10%	1900	--	LM	Vin=120,277Vac
Flux @≥4000K		-10%	2000	--		
System efficacy@<4000K	η	-10%	127	--	LM/W	
System efficacy@≥4000K		-10%	133	--		

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

Chromaticity coordinates

	CCT=3000K		X=0.4339 Y=0.4033			
	CCT=3500K		X=0.4078 Y=0.3930			
	CCT=4000K		X=0.3818 Y=0.3797			
	CCT=5000K		X=0.3446 Y=0.3551			
	CCT=6500K		X=0.3123 Y=0.3283			
PARAMETER	SYMBOL	MIN	RATED	MAX	Unit	Test Condition
Color Render Index	Ra	80	82	--	/	/
R9	R9	0	12	--		
Color tolerance	/	--	--	5	SDCM	



Product Specification

Document No.:

Version: A0

Page: 2/2

model no. **PLT-50373, PLT-50374, PLT-50375, PLT-50376, PLT-50377**

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	--	70		/

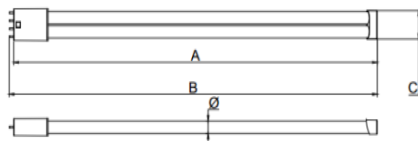
6. COMPATIBILITY

N/A

7. APPROBATION COMPLIANCE

UL1993&UL1598C, FCC part 15 ClassB, RoHS compliance, NSF

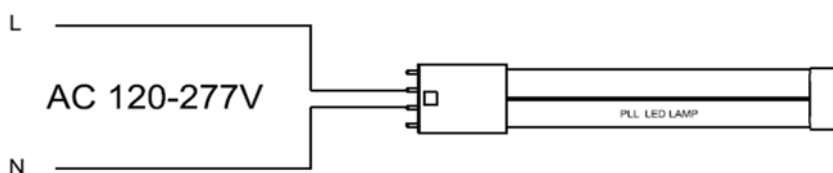
8. DIMENSIONS



SYMBOL	MIN	TYP	MAX	UNIT
A	405.5	--	412.5	mm
B	412.5	--	419.5	mm
C	37.5	--	39.4	mm
D	17.1	--	17.8	mm

9. Connection & Wiring

WIRING DIAGRAM



WIRING ILLUSTRATION

/

10. SKUs

PLT-50373 - 15W, 1900 Lumens, 127 LPW, 3000K
PLT-50374 - 15W, 1900 Lumens, 127 LPW, 3500K
PLT-50375 - 15W, 2000 Lumens, 133 LPW, 4000K
PLT-50376 - 15W, 2000 Lumens, 133 LPW, 5000K
PLT-50377 - 15W, 2000 Lumens, 133 LPW, 6500K