



# Product Specification

Document No.:

Version: V1.2

Page: 1/2

model no. SGFPL24E50C8C (02058)

## 1. DESCRIPTION:

LAMP TYPE:	Panel 01P1V1.0
SIZE:	2'x4'
EQUIVALENT	DLC Standard
WATTAGE:	50-40-30W
WARRANTY:	5 YEARS
LACATION:	Damp location



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

### 3.1 Electrical Characteristics

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test
Line voltage	V <sub>in</sub>	108	120-277	305	V	/
Frequency	f	--	50/60	--	Hz	/
Rated Power	P	-10%	50-40-30	+10%	W	V <sub>in</sub> =120Vac
Power factor	PF	-3%	0.9	/	/	V <sub>in</sub> =120Vac
Total Harmonic	THD	/	20%	+5%	/	V <sub>in</sub> =120Vac
Starting time	t	--	0.5	1	s	V <sub>in</sub> =120Vac
Flicker Percent	/	--	--	5%	/	/
Dimming Type	/	0-10V diming				

### 3.2 Photometrical Characteristics

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test
Lumen	Φ	-10%	6250-5000-3750	--	Lm	DLC5.1
Efficacy	η	-3%	125	--	Lm/W	
Beam angle	θ	-10%	120	--	°	
UGR	/	--	--	--	/	

### 3.3 Color Characteristics

PARAMETERS	SYMBOL	RATED	UNIT	Test
Chromaticity Coordinates	CCT=3500K	x,y	<b>X=0.4078, Y=0.3930</b>	ANSI C78.377
	CCT=4000K	x,y		
	CCT=5000K	x,y		
Ra显指	/	>80		
Step	/	4	Step	

## 4. LUMEN MAINTENANCE & LIFE

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test
Lumen Maintenance at 6000hrs	/	--	97.8%	--	/	/
Life(L90)	t	--	36000	--	Hrs	Ta=25C
Warranty	/	--	5	--	Year	Ta=25C

## 5. OPERATION TEMPERATURE & STORAGE TEMPERATURE

PARAMETERS	SYMBOL	MIN	RATED	MAX	UNIT	Test
Operation Temperature	T <sub>A</sub>	-17	--	45	°C	/
Storage Temperature	T <sub>st</sub>	-17	--	70		/

## 6. COMPATIBILITY

N/A.

## 7. APPROBATION COMPLIANCE

Comply with UL1598,UL8750,DLC 5.1,FCC Part 15B



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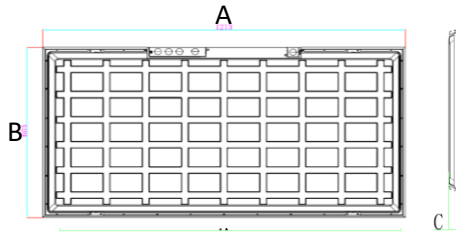
Document No.:

Version: A0

Page: 2/2

model no.

### 8. DIMENSIONS



SYMBOL	MIN	TYP	MAX	UNIT
A	1210	1213	<b>1216.0</b>	mm
B	601.0	603	605.0	mm
C	34.0	36	38.0	mm

### 9. MATERIAL

PARTS	MATERIAL	FINISHED
Diffuser	PS	White
Lens	PMMA	-
Trim	Alumium	White