



Product Specification

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model no. SGFPL22E40C8C (02059)

1. DESCRIPTION:

| | |
|------------|----------------|
| LAMP TYPE: | Panel 01P1V1.0 |
| SIZE: | 2'x2' |
| EQUIVALENT | DLC Standard |
| WATTAGE: | 40-30-20W |
| 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 _{in} | 108 | 120-277 | 305 | V | / |
| Frequency | f | -- | 50/60 | -- | Hz | / |
| Rated Power | P | -10% | 40-30-20 | +10% | W | V _{in} =120Vac |
| Power factor | PF | -3% | 0.9 | / | / | V _{in} =120Vac |
| Total Harmonic | THD | / | 20% | +5% | / | V _{in} =120Vac |
| Starting time | t | -- | 0.5 | 1 | s | V _{in} =120Vac |
| Flicker Percent | / | -- | -- | 5% | / | / |
| Dimming Type | / | 0-10V diming | | | | |

3.2 Photometrical Characteristics

| PARAMETERS | SYMBOL | MIN | RATED | MAX | UNIT | Test |
|------------|--------|------|----------------|-----|------|--------|
| Lumen | Φ | -10% | 5000-3750-2500 | -- | 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 | X=0.4078, Y=0.3930 | 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 _A | -17 | -- | 45 | °C | / |
| Storage Temperature | T _{st} | -17 | -- | 70 | | / |

6. COMPATIBILITY

N/A.

7. APPROBATION COMPLIANCE

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



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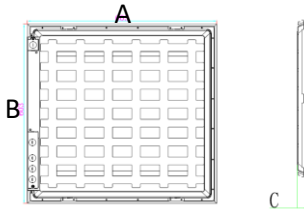
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8. DIMENSIONS



| SYMBOL | MIN | TYP | MAX | UNIT |
|--------|-------|-----|-------|------|
| A | 601.0 | 603 | 605.0 | 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 |