OUR LIGHT IS PERFECT BECAUSE WE INVENTED IT TO BE
We design the smallest sources and pair them with our
unique full spectrum technology, for perfect color and light
distribution in a range of lamp form factors.

SORAA VIVID COLOR™
Soraa lamps provide beautiful and accurate color rendering
across the entire visible spectrum, with CRI/95, R9/95,
Rf/90, Rg/100

SORAA NATURAL WHITE™
Soraa lamps clearly differentiate infinite shades of white;
whiteness rendering matches or exceeds halogen and
incandescent sources at 2700K and 3000K.

FLICKER
Soraa lamps demonstrate low levels of flicker, achieving
<30% flicker in both dimmed and undimmed states.

THERMALLY COMPATIBLE
Suitable for use in fully enclosed fixtures, subject to the
maximum heatsink temperature limits stated in this data
sheet. Soraa lamps are designed to safely turn down in any
thermal environment not conducive to minimum airflow or
proper ventilation.

ELECTRICALLY COMPATIBLE
Works with trailing edge and leading edge phase cut
dimmers. A list of compatible dimmers and transformers

LOCATION RATING
Suitable for damp locations
Not rated for use in wet locations, should not be exposed to
liquid water (including condensation).

HIGH COLOR QUALITY, ENCLOSED FIXTURE COMPATIBLE LED
LAMP FOR USE IN A19 COMPATIBLE FIXTURES AND
OTHER INDOOR AND OUTDOOR APPLICATIONS

OUTPUT RANGE 800 lumen

BEAM ANGLE Omnidirectional

COLOR METRICS CCT: 2700K
Color Rendering
CIE Metrics: CRI 95, R9 95
TM30 Metrics: Rf 90, Rfh1 90
Whiteness Index: Rw 100

APPLICATION Incandescent replacement for
indoor and outdoor applications

FORM FACTOR Width: 63mm (2.48")
Height: 117mm (4.61")
Weight: 135 grams (4.76 oz)
Base temperature measured here

COLOR RENDERING

LIFETIME AND WARRANTY
Rated lifetime to L70: 15,000 hours
Warranty: 3 years
Detailed warranty information available
OPERATING TEMPERATURE
Minimum: -40˚ C (ambient)
Typical: 80˚ C - 95˚ C (lamp base)
Maximum: 100˚ C (lamp base)

ELECTRICAL SPECIFICATIONS
Wattage: 11W
Voltage: 120V +/- 12V
Frequency: 50/60 Hz
Power Factor: 0.95
Dimmability: <20%
Flicker Index: <0.08
Percent Flicker: <30%

CERTIFICATIONS
UL/CUL
FCC Title 47 Part 15B
RoHS

COLOR ACCURACY
VIVID SERIES/CCT
COLOR ACCURACY
WHITENESS INDEX
SPECTRAL POWER DISTRIBUTION

VIVID 2700K
Rf: 90, Rg: 100, Rfh1: 95
Rw: 120
CRI: 95, R9: 95

POLAR DIAGRAM

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Product Code</th>
<th>CCT (K)</th>
<th>Total Flux (Lm)</th>
<th>Beam Angle (˚)</th>
<th>Halogen Equiv (W)**</th>
<th>Efficacy (Lm/W)</th>
<th>CRI/R9</th>
<th>Rf</th>
<th>White Point (McA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA19-11-OMNI-927-01</td>
<td>04214</td>
<td>2700</td>
<td>800</td>
<td>OMNI</td>
<td>60</td>
<td>73</td>
<td>95 / 95</td>
<td>90</td>
<td>3</td>
</tr>
</tbody>
</table>

*Specifications are at stable warm operating conditions (25°C ambient)  **Energy Star Minimum
CCT = Correlated Color Temperature  CRI = Color Rendering Index (Ra-8)  White Point = White Point Accuracy in McA step

Information and specifications subject to change. A19 11W 8.22.17