**Fixtures Dimensions**

**LP-1.0**

4. Deciduous Tree Planting

Sheets:

Twice width of root ball

4-6" deeper

Compacted soil at bottom of planting pit.

Set root ball on firm pad of undisturbed or root ball shall be above existing grade.

Fold burlap away from top half of root ball.

Finished grade thoroughly with prepared soil.

4" Built-up earth saucer.

8. Test soil for pH and nutrient levels, adjust as required.

3" Soil saucer

4" Soil saucer

3" Min. shredded pine bark mulch. Do not place layer of potting soil, cut any circling roots.

7. For container grown trees, pull out roots from outer root ball.

5. Cut top bands of wire basket and fold away from top of root ball.

4. Do not stake or wrap trees.

3. In poorly drained soils set rootball several inches lower in planting pit, so that 6" is below finished grade.

2. Plant so that rootball 2-3" higher or flush with grade.

1. Be aware of all underground utilities prior to any planting operations. Contact 911. METERED FIG 502-507 prior to planting operations.

GROUND COVER PLANTING

3" Soil saucer

4" Built-up earth saucer.

3" Min. shredded pine bark mulch. Do not place layer of potting soil, cut any circling roots.

7. For container grown trees, pull out roots from outer root ball.

5. Cut top bands of wire basket and fold away from top of root ball.

4. Do not stake or wrap trees.

3. In poorly drained soils set rootball several inches lower in planting pit, so that 6" is below finished grade.

2. Plant so that rootball 2-3" higher or flush with grade.

1. Be aware of all underground utilities prior to any planting operations. Contact 911. METERED FIG 502-507 prior to planting operations.

GROUND COVER PLANTING

3" Soil saucer

4" Built-up earth saucer.

3" Min. shredded pine bark mulch. Do not place layer of potting soil, cut any circling roots.

7. For container grown trees, pull out roots from outer root ball.

5. Cut top bands of wire basket and fold away from top of root ball.

4. Do not stake or wrap trees.

3. In poorly drained soils set rootball several inches lower in planting pit, so that 6" is below finished grade.

2. Plant so that rootball 2-3" higher or flush with grade.

1. Be aware of all underground utilities prior to any planting operations. Contact 911. METERED FIG 502-507 prior to planting operations.
NOTE:
- OCCUPANCY GROUP R-2
- EXIT STAIR AND ELEVATOR SHAFT SHALL BE 1 HOUR RATED WITH 45 MINUTE DOOR/FRAME ASSEMBLY WITH SELF-CLOSER AND LATCHING LEVER HARDWARE.
- STAIRWAY SHAFT SHALL BE 2 HOUR FIRE RATED BARRIER CONSTRUCTION AND SUPPORTED BY 2 HOUR RATED DOORFRAME ASSEMBLIES WITH SELF-CLOSER AND LATCHING HARDWARE - TYPICAL ON ALL FLOOR LEVELS.
- EXIT STAIR AND ELEVATOR SHAFT SHALL BE ONE-HOUR RATED WITH 45-MINUTE DOOR/FRAME ASSEMBLY WITH SELF-CLOSER AND LATCHING LEVER HARDWARE.
- STAIR GUARDS TO BE PROVIDED ON ALL STAIR RUNS AND LANDINGS. 42" MIN. IN HEIGHT WITH OPENINGS LESS THEN 4" DIAMETER TYPICAL ON ALL FLOOR LEVELS.
- PARAPET PERIMETER WALLS TO BE AT 42" A.F.F.

PERIMETER PERIMETER WALLS TO BE AT 42" A.F.F.

PARAPET PERIMETER WALLS TO BE AT 42" A.F.F.
Application
LED recessed wall luminaire with asymmetrical light distribution for the illumination of ground surfaces, building entrances, stairs and footpaths.

Materials
Luminaire housing constructed of die-cast aluminum marine grade, copper free (≤0.3% copper content) A356.0 aluminum alloy
Clear safety glass
Silicone applied robotically to casting, plasma treated for increased adhesion
High temperature silicone gasket
Mechanically captive stainless steel fasteners
Stainless steel screw clamps
Composite installation housing
NRTL listed to North American Standards, suitable for wet locations
Protection class IP65
Weight: 1.6 lbs

Electrical
Operating voltage 120-277VAC
Minimum start temperature -40°C
LED module wattage 5.9W
System wattage 8.0W
Color rendering index Ra > 80
Luminaire lumens 342 lumens (3000K)
Lifetime at Ta=15°C > 500,000 h (L70)
Lifetime at Ta=35°C 185,000 h (L70)

LED color temperature
2700K · Product number + K27
3000K · Product number + K3
3500K · Product number + K35
4000K · Product number + K4

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors
Black (BLK) White (WHT)
Bronze (BRZ) Silver (SLV)

RAL: CUS:

Fully enclosed luminaire with installation housing ensures seamless integration and weatherproof operation.

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@beaga-us.com
Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to beaga-us.com
© copyright BEGA 2018
Updated 01/01/19

LED recessed wall luminaires · asymmetrical

<table>
<thead>
<tr>
<th>LED</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>33054</td>
<td>5.9W</td>
<td>10-1/4</td>
<td>2-3/4</td>
</tr>
</tbody>
</table>
**BEGA**

Photometric Filename: 33054.IES

<table>
<thead>
<tr>
<th>TEST:</th>
<th>33054</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST LAB:</td>
<td>BEGA</td>
</tr>
<tr>
<td>DATE:</td>
<td>8/17/2015</td>
</tr>
<tr>
<td>LUMINAIRE:</td>
<td>33 054</td>
</tr>
<tr>
<td>LAMP:</td>
<td>5.9W LED</td>
</tr>
</tbody>
</table>

### Characteristics

<table>
<thead>
<tr>
<th>Classification</th>
<th>Type IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitudinal Classification</td>
<td>Very Short</td>
</tr>
<tr>
<td>Lumens Per Lamp</td>
<td>N.A. (absolute)</td>
</tr>
<tr>
<td>Total Lamp Lumens</td>
<td>N.A. (absolute)</td>
</tr>
<tr>
<td>Luminaire Lumens</td>
<td>342</td>
</tr>
<tr>
<td>Downward Total Efficiency</td>
<td>N.A.</td>
</tr>
<tr>
<td>Total Luminaire Efficiency</td>
<td>N.A.</td>
</tr>
<tr>
<td>Luminaire Efficacy Rating (LER)</td>
<td>43</td>
</tr>
<tr>
<td>Total Luminaire Watts</td>
<td>8</td>
</tr>
<tr>
<td>Ballast Factor</td>
<td>1.00</td>
</tr>
<tr>
<td>Upward Waste Light Ratio</td>
<td>0.03</td>
</tr>
<tr>
<td>Max. Cd. (&lt;90 Vert.)</td>
<td>264.9 (0H, 50V)</td>
</tr>
<tr>
<td>Max. Cd. (At 90 Deg. Vert.)</td>
<td>264.9 (0H, 50V)</td>
</tr>
<tr>
<td>Max. Cd. (80 to &lt;90 Deg. Vert.)</td>
<td>26.3 (7.7%Lum)</td>
</tr>
<tr>
<td>Cutoff Classification (deprecated)</td>
<td>N.A. (absolute)</td>
</tr>
</tbody>
</table>

### Lum. Classification System (LCS)

<table>
<thead>
<tr>
<th>LCS Zone</th>
<th>Lumens</th>
<th>%Lamp</th>
<th>%Lum</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL (0-30)</td>
<td>4.1</td>
<td>N.A.</td>
<td>1.2</td>
</tr>
<tr>
<td>FM (30-60)</td>
<td>160.0</td>
<td>N.A.</td>
<td>46.8</td>
</tr>
<tr>
<td>FH (60-80)</td>
<td>144.0</td>
<td>N.A.</td>
<td>42.1</td>
</tr>
<tr>
<td>FVH(80-90)</td>
<td>25.0</td>
<td>N.A.</td>
<td>7.3</td>
</tr>
<tr>
<td>BL (0-30)</td>
<td>&lt; 0.05</td>
<td>N.A.</td>
<td>0.0</td>
</tr>
<tr>
<td>BM (30-60)</td>
<td>&lt; 0.05</td>
<td>N.A.</td>
<td>0.0</td>
</tr>
<tr>
<td>BH (60-80)</td>
<td>&lt; 0.05</td>
<td>N.A.</td>
<td>0.0</td>
</tr>
<tr>
<td>BVH(80-90)</td>
<td>&lt; 0.05</td>
<td>N.A.</td>
<td>0.0</td>
</tr>
<tr>
<td>UL (90-100)</td>
<td>5.0</td>
<td>N.A.</td>
<td>1.5</td>
</tr>
<tr>
<td>UH (100-180)</td>
<td>3.9</td>
<td>N.A.</td>
<td>1.1</td>
</tr>
<tr>
<td>Total</td>
<td>342.0</td>
<td>N.A.</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**BUG Rating**: B0-U1-G1

---

![Diagram](image)

**Note #1**: At 10' horizontal from fixture, light level is 0.1 ft².

**Note #2**: Diagram below shows that all light is below mounting height of 2' typ.

Mounting Height = 2 ft. Grid Spacing = 3 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA, 1500 Peach Way, Carlsbad, CA 92008 | 800/583-0532 Fax: 760/558-8471 www.bega-us.com © Copyright BEGA US 2013

---

4203240