FLORENCE-1R-UP

Asymmetric beam for uplighting

TECHNICAL SPECIFICATIONS:

- Dimensions: 285.6 x 19.5 mm
- Height: 6.9 mm
- Fastening: clips
- Colour: clear
- Box size: 480 x 280 x 300 mm
- Box weight: 7.1 kg
- Quantity in Box: 210 pcs
- ROHS compliant: yes

MATERIAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Material</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLORENCE-1R-UP</td>
<td>Linear lens</td>
<td>PMMA</td>
<td>clear</td>
</tr>
</tbody>
</table>

Last update: 12/07/2018  
Subject to change without prior notice

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.
PHOTOMETRIC DATA (MEASURED):

**aled**

- **LED**: CALGD0414-M8W1
- **FWHM**: Asymmetric
- **Efficiency**: 90%
- **Peak intensity**: 0.370 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**

**aled**

- **LED**: CALGD0814-M17W1
- **FWHM**: Asymmetric
- **Efficiency**: 90%
- **Peak intensity**: 0.370 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**

**CEZOS**

- **LED**: L0-280024-xxx-C0800-L267
- **FWHM**: Asymmetric
- **Efficiency**: 90%
- **Peak intensity**: 0.330 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**

**CREE**

- **LED**: XH-B/G
- **FWHM**: Asymmetric
- **Efficiency**: 89%
- **Peak intensity**: 0.290 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**
PHOTOMETRIC DATA (MEASURED):

**CREE**

LED XP-E
FWHM Asymmetric
Efficiency 90%
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:

**CREE**

LED XP-G2
FWHM Asymmetric
Efficiency 90%
Peak intensity 0.310 cd/lm
LEDs/each optic 1
Light colour White
Required components:

**LUMILEDS**

LED LUXEON 3014
FWHM Asymmetric
Efficiency 92%
Peak intensity 0.390 cd/lm
LEDs/each optic 1
Light colour White
Required components:

**LUMILEDS**

LED LUXEON 3020
FWHM Asymmetric
Efficiency 92%
Peak intensity 0.390 cd/lm
LEDs/each optic 1
Light colour White
Required components:
PHOTOMETRIC DATA (MEASURED):

**LUMILEDS**

LED: LUXEON 3030 2D (Round LES)
FWHM: Asymmetric
Efficiency: 90%
Peak intensity: 0.350 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:

**LUMILEDS**

LED: LUXEON 3535L
FWHM: Asymmetric
Efficiency: 92%
Peak intensity: 0.340 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:

**LUMILEDS**

LED: LUXEON Rebel
FWHM: Asymmetric
Efficiency: 91%
Peak intensity: 0.340 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:

**LUMILEDS**

LED: LUXEON Rebel ES
FWHM: Asymmetric
Efficiency: 91%
Peak intensity: 0.320 cd/lm
LEDs/each optic: 1
Light colour: White
Required components:
PHOTOMETRIC DATA (MEASURED):

**NICHIA**

- **LED**: NCSxx19B
- **FWHM**: Asymmetric
- **Efficiency**: 90%
- **Peak intensity**: 0.330 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**

**NICHIA**

- **LED**: NF2x757G
- **FWHM**: Asymmetric
- **Efficiency**: 90%
- **Peak intensity**: 0.340 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**

**NICHIA**

- **LED**: NFSW757H
- **FWHM**: Asymmetric
- **Efficiency**: 92%
- **Peak intensity**: 0.332 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**

**C14353_FLORENCE-1R-CLIP-A**

**OSRAM**

- **LED**: Duris S5 (2 chip)
- **FWHM**: Asymmetric
- **Efficiency**: 91%
- **Peak intensity**: 0.340 cd/lm
- **LEDs/each optic**: 1
- **Light colour**: White

**Required components:**
PHOTOMETRIC DATA (MEASURED):

**OSRAM**

LED: OSLON SSL 80  
FWHM: Asymmetric  
Efficiency: 92 %  
Peak intensity: 0.450 cd/lm  
LEDs/each optic: 1  
Light colour: White  

**PHILIPS**

LED: Fortimo LED Line 1ft 2000lm 1R HV4  
FWHM: Asymmetric  
Efficiency: 92 %  
Peak intensity: 0.330 cd/lm  
LEDs/each optic: 1  
Light colour: White  

Required components:  
C14353_FLORENCE-1R-CLIP-A

**SAMSUNG**

LED: LM28xB Series  
FWHM: Asymmetric  
Efficiency: 92 %  
Peak intensity: 0.360 cd/lm  
LEDs/each optic: 1  
Light colour: White  

**SAMSUNG**

LED: LM301A  
FWHM: Asymmetric  
Efficiency: 90 %  
Peak intensity: 0.360 cd/lm  
LEDs/each optic: 1  
Light colour: White  

Required components:
PHOTOMETRIC DATA (MEASURED):

**SAMSUNG**
- LED: LMS61C
- FWHM: Asymmetric
- Efficiency: 91%
- Peak intensity: 0.360 cd/lm
- LEDs/each optic: 1
- Light colour: White
- Required components:

**SAMSUNG**
- LED: LT-S282N
- FWHM: Asymmetric
- Efficiency: 92%
- Peak intensity: 0.520 cd/lm
- LEDs/each optic: 1
- Light colour: White
- Required components:

**SEOL GENEONSEDIC**
- LED: SEOUL 3030
- FWHM: Asymmetric
- Efficiency: 91%
- Peak intensity: 0.330 cd/lm
- LEDs/each optic: 1
- Light colour: White
- Required components:

**SEOL GENEONSEDIC**
- LED: SEOUL DC 3030
- FWHM: Asymmetric
- Efficiency: 92%
- Peak intensity: 0.400 cd/lm
- LEDs/each optic: 1
- Light colour: White
- Required components:
  - C14353_FLORENCE-1R-CLIP-A
PHOTOMETRIC DATA (SIMULATED):

**OSRAM**

LED: Duris E 2835  
FWHM: Asymmetric  
Efficiency: 88 %  
Peak intensity: 0.320 cd/lm  
LEDs/each optic: 1  
Light colour: White  

Required components:

**OSRAM**

LED: OSLON Square CSSRM2/CSSRM3  
FWHM: Asymmetric  
Efficiency: 87 %  
Peak intensity: 0.270 cd/lm  
LEDs/each optic: 1  
Light colour: Red  

Required components:

**SEOUL**

LED: SEOUL DC 3030C  
FWHM: Asymmetric  
Efficiency: 88 %  
Peak intensity: 0.307 cd/lm  
LEDs/each optic: 1  
Light colour: White  

Required components:
GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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