Brighter lights,
Softer sounds.
Tone is an add-on acoustic accessory conceived for our Cycle luminaire. It absorbs reverberated noise and helps reduce the echo of background sounds reflected by hard room surfaces.

A SOUND PARTNERSHIP

Its effectiveness is based on maximizing the surface area of acoustic material and a seamless integration with the Cycle for increased noise control with a minimal impact to your space.
**TONE 2990E**

**PRODUCT CHARACTERISTICS**

**DESIGN:** A sound absorbing structure that installs onto the Cycle luminaire to improve the sound quality of your space. It uses a proven ecological sound absorbing material to reduce unwanted reflections in the space.

**INSTALLATION:** It installs quickly and without the need of tools on an existing suspended Cycle luminaire (sold separately).

**STRUCTURE:** Acoustic panels are composed of a light, rigid and ecological synthetic felt. Made from recycled and recyclable polyester (PET) fibers that have low VOCs, no formaldehyde, are non-irritable and odourless.

**COMPATIBILITY:** Can be installed on suspended Cycle sizes 24, 36, 54, 72. Not compatible with Cycle layers (4844) or Cycle wall or ceiling mounted (3800). Can be installed on suspended Cycle at angle up to 30 degrees.

**CERTIFICATION:** Fire rating: Equivalent to C423 ASTM E-84/CAN ULC S102 Class A.

**NOTES:** (A) CYCLE SOLD SEPARATELY

**DIMENSIONS:**

- **2990E-54:** Ø1180mm (46.00”)
- **2990E-24:** Ø1200mm (48.00”)
- **2990E-36:** Ø1475mm (58.00”)
- **2990E-72:** Ø2400mm (95.00”)

**ORDERING SPECIFICATION**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEC TYPE</th>
<th>PROJECT</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2990E-54</td>
<td>TONE EXTERIOR CHARCOAL FELT – 54”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2990E-24</td>
<td>TONE EXTERIOR CHARCOAL FELT – 24”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2990E-36</td>
<td>TONE EXTERIOR CHARCOAL FELT – 36”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2990E-72</td>
<td>TONE EXTERIOR CHARCOAL FELT – 72”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFICATION**

www.eurekalighting.com

**www.eurekalighting.com**

**TONE 2990I**

**PRODUCT CHARACTERISTICS**

**DESIGN:** A sound absorbing structure that installs onto the Cycle luminaire to improve the sound quality of your space. It uses a proven ecological sound absorbing material to reduce unwanted reflections in the space.

**INSTALLATION:** It installs quickly and without the need of tools on an existing suspended Cycle luminaire (sold separately).

**STRUCTURE:** Acoustic panels are composed of a light, rigid and ecological synthetic felt. Made from recycled and recyclable polyester (PET) fibers that have low VOCs, no formaldehyde, are non-irritable and odourless.

**COMPATIBILITY:** Can be installed on suspended Cycle sizes 24, 36, 54, 72. Not compatible with Cycle layers (4844) or Cycle wall or ceiling mounted (3800). Can be installed on suspended Cycle at angle up to 30 degrees.

**CERTIFICATION:** Fire rating: Equivalent to C423 ASTM E-84/CAN ULC S102 Class A.

**NOTES:** (A) CYCLE SOLD SEPARATELY

**DIMENSIONS:**

- **2990I-54:** Ø18.00” (Ø460mm)
- **2990I-24:** Ø30.00” (Ø760mm)
- **2990I-36:** Ø30.00” (Ø760mm)
- **2990I-72:** Ø30.00” (Ø760mm)

**ORDERING SPECIFICATION**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEC TYPE</th>
<th>PROJECT</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2990I-54</td>
<td>TONE INTERIOR CHARCOAL FELT – 54”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2990I-24</td>
<td>TONE INTERIOR CHARCOAL FELT – 24”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2990I-36</td>
<td>TONE INTERIOR CHARCOAL FELT – 36”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2990I-72</td>
<td>TONE INTERIOR CHARCOAL FELT – 72”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFICATION**

www.eurekalighting.com

**www.eurekalighting.com**
**Ingredient Specifications**

**Product Characteristics**

- **Design:** A sound-absorbing accessory that fits onto the Cycle luminaire to reduce unwanted reverberation noises. It uses a proven acoustical sound-absorbing material to reduce unwanted reflected sounds to dampen ambient noise.
- **Installation:** It installs quickly and without the need for special tools or tools.
- **Structure:** The acoustic panels are composed of a lightweight, rigid and eco-friendly synthetic felt, made from recycled PET bottles. They are non-combustible and non-toxic.
- **Compatibility:** Can be installed on suspended Cycle sizes 24, 36, 54, 72 with or without the Cycle System. Can be installed in a suspended Cycle at angles up to 30 degrees.
- **Certification:** Accordé par l’ASTM E-84 Classe A / CAN UL-102 Class A.

**Sound Absorption**

Tone is a sound-absorbing accessory for the Eureka Cycle luminaire designed to reduce unwanted reverberation noises.

**Material and Structure**

- Lightweight structure allowing only a small weight to the suspended Cycle.
- Metal reinforced crossbars for solid and durable structure.

**Maintenance**

- Remove dust and dirt with a soft cloth or sponge.
- For stains, test in a hidden area a cleaning solution before applying.
- Always use a soft, damp cloth and blot dry.

**Usage**

- The TONE accessory is available to add to your existing Cycle luminaire sizes 24”, 36”, 54”, 72”.
- It can be installed separately from the Cycle System.

**Compatibility**

- Compatible with Cycle standards, center cables (RCA), and centered canopy (RCC).
- Not compatible with Cycle Layers (4844), wall or ceiling-mounted.

**Acoustic Material**

- Composed of a proven sound-absorbing synthetic felt with a Noise Reduction Coefficient (NRC) of 0.75. Hence 75% of soundwaves hitting the panel will be absorbed.

**Sound Absorption Coefficient (NRC)**

- For more information, please refer to the Tone Acoustic documentation.

**Fire Rating**

- Equiv. to ASTM E-84/CAN UL-102 Class A.

**Environmental Features**

- Low-VOC, no Formaldehyde.
- Custom CNC cut polyester felt panels made from recycled bottles (PET) are also recyclable.
- Made from recycled PET bottles (PET).

**Product Specifications**

- **Model:** TONE 2990IE
- **Dimensions:**
  - Ø1200mm
  - Ø1930mm
- **Weight:**
  - TONE INTERIOR / TONE+CYCLE
  - 2990IE-24: 5.10"
  - 2990IE-36: 7.50"
  - 2990IE-54: 11.09"
  - 2990IE-72: 11.09"
- **Material:**
  - Polyester felt with recycled content, Powder coated aluminum extrusion, 54+72: 18 ga powder coated steel crossbar.
- **Cycle Compatibility:**
  - Add Tone to your existing Cycle 24", 36", 54", 72" (sold separately).

**Delivery Lumens**

- DELIVERED LUMENS³ BY CYCLE WITH TONE INTERIOR
- DELIVERED LUMENS³ BY CYCLE HO WITH TONE IN.+EXT.
- DELIVERED LUMENS³ BY CYCLE HO WITH TONE INTERIOR
- DELIVERED LUMENS³ BY CYCLE HO WITH TONE EXTERIOR

**Specifications**

- **Noise Reduction:**
  - TONE INTERIOR: NRC 0.75 / SAA 0.66
  - TONE EXTERIOR: NRC 0.75 / SAA 0.66
- **Materials:**
  - Polyester felt with recycled content, Powder coated aluminum extrusion, 54+72: 18 ga powder coated steel crossbar.
- **Energy Efficiency:**
  - Energy Star Certified / 100% efficient.
- **Warranty:**
  - 1 year

**Additional Features**

- **Custom Fit**
  - Available to fit on these Cycle sizes:
  - 24" (0.61m)
  - 36" (0.91m)
  - 54" (1.37m)
  - 72" (1.83m)

**Contact Information**

- Tel: 514.385.3515
- Fax: 514.385.4169
- 225 de Liège Ouest, Suite #200
- Montréal (QC), Canada H2P 1H4
- www.eurekalighting.com
### Acoustical lab results

**TONE**

<table>
<thead>
<tr>
<th>Absorption Coefficient</th>
<th>Frequency : Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>125</td>
</tr>
<tr>
<td>Apparent NRC</td>
<td>0.65</td>
</tr>
<tr>
<td>Apparent SAA</td>
<td>0.67</td>
</tr>
</tbody>
</table>


---

**MAINTENANCE**

- Interior only
- Exterior only
- Interior + Exterior

---

**DURABLE**

- Metal reinforced crossbars for a secure installation.
- Lightweight structure adds only a small weight to the suspended Cycle.

**FIRE RATED**

- ASTM E-84 Class A / CAN ULC S102
- Safe for use in fire rated installations.

**ECOLOGICAL**

- Made from recycled bottles (PET)
- Custom CNC cut polyester felt panels
- Odorless

**SIMPLE & RAPID INSTALLATION**

- Felt support hooks on to the Cycle rings
- Includes centered cables (RCA), and centered canopy (RCC).

**SERIES**

- Tone I+E 54” (2x), Tone I+E 72”
- Cycle 54” (2x), Cycle 72”

---

**CONFERENCE ROOM**

A conference room with hard surface materials excessively reflects the voices of the users, reducing speech comprehension and quality. The solution is to absorb reflected sounds and bring the reverberation time to an accepted level of 0.6 seconds.

**CONFERENC ROOM WITH TONE**

TONE reduces reverberation time by 40% to achieve recommended reverberation time of 0.6 seconds.

**APPLIANCES**

- Glass, gypsum, concrete, tile materials:
- Glass, gypsum, concrete, tile products:
- Cycle 54” (2x), Cycle 72”
- Tone I+E 54” (2x), Tone I+E 72”

---

**LUMENS³ BY CYCLE WITH TONE**

<table>
<thead>
<tr>
<th>Interior + Exterior</th>
<th>Cycle Interior</th>
<th>Cycle Exterior</th>
<th>Tone Interior</th>
</tr>
</thead>
<tbody>
<tr>
<td>2337lm (4K)</td>
<td>2250lm (4K)</td>
<td>1169lm (4K)</td>
<td>1123lm (4K)</td>
</tr>
<tr>
<td>3890lm (4K)</td>
<td>3762lm (4K)</td>
<td>1945lm (4K)</td>
<td>1880lm (4K)</td>
</tr>
<tr>
<td>6345lm (4K)</td>
<td>5918lm (4K)</td>
<td>3168lm (4K)</td>
<td>3226lm (4K)</td>
</tr>
<tr>
<td>8555lm (4K)</td>
<td>8387lm (4K)</td>
<td>4306lm (4K)</td>
<td>4628lm (4K)</td>
</tr>
</tbody>
</table>

---

**WEIGHT**

- Tone Interior + Exterior: 4lbs
- Tone + Cycle: 16lbs
- 6lbs / Tone + Cycle: 23lbs
- 10lbs / Tone + Cycle: 35lbs
- 19lbs / Tone + Cycle: 52lbs
**Photometric Report**

**TONE 24 + CYCLE**

2990-24x + CYCLE 4800-24

---

**TONE INTERIOR & EXTERIOR 2990-24e + CYCLE 4800-24**

<table>
<thead>
<tr>
<th>STD</th>
<th>HO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial lumens 3000K (lm)</td>
<td>2332</td>
</tr>
<tr>
<td>Delivered lumens 3000K (lm)</td>
<td>1083</td>
</tr>
<tr>
<td>Input watts (W)</td>
<td>24</td>
</tr>
<tr>
<td>Number of LEDs</td>
<td>64</td>
</tr>
<tr>
<td>Lumens per LED</td>
<td>29(4K), 28(3K)</td>
</tr>
<tr>
<td>Distribution</td>
<td>53% Direct, 47% Indirect</td>
</tr>
<tr>
<td>Luminaire Efficiency (%)</td>
<td>47</td>
</tr>
<tr>
<td>Luminaire Efficacy 3000K (lm/W)</td>
<td>45</td>
</tr>
<tr>
<td>Photometric type</td>
<td>C</td>
</tr>
<tr>
<td>Luminaire spacing criteria</td>
<td></td>
</tr>
<tr>
<td>2 luminaires, plane 0</td>
<td>2.63</td>
</tr>
<tr>
<td>2 luminaires, plane 90</td>
<td>2.63</td>
</tr>
<tr>
<td>4 luminaires</td>
<td></td>
</tr>
</tbody>
</table>

---

**TONE INTERIOR 2990-24i + CYCLE 4800-24**

<table>
<thead>
<tr>
<th>STD</th>
<th>HO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial lumens 3000K (lm)</td>
<td>2332</td>
</tr>
<tr>
<td>Delivered lumens 3000K (lm)</td>
<td>1126</td>
</tr>
<tr>
<td>Input watts (W)</td>
<td>24</td>
</tr>
<tr>
<td>Number of LEDs</td>
<td>84</td>
</tr>
<tr>
<td>Lumens per LED</td>
<td>29(4K), 28(3K)</td>
</tr>
<tr>
<td>Distribution</td>
<td>51% Direct, 49% Indirect</td>
</tr>
<tr>
<td>Luminaire Efficiency (%)</td>
<td>48</td>
</tr>
<tr>
<td>Luminaire Efficacy 3000K (lm/W)</td>
<td>47</td>
</tr>
<tr>
<td>Photometric type</td>
<td>C</td>
</tr>
<tr>
<td>Luminaire spacing criteria</td>
<td></td>
</tr>
<tr>
<td>2 luminaires, plane 0</td>
<td>2.63</td>
</tr>
<tr>
<td>2 luminaires, plane 90</td>
<td>2.63</td>
</tr>
<tr>
<td>4 luminaires</td>
<td></td>
</tr>
</tbody>
</table>

---

**TONE EXTERIOR 2990-24e + CYCLE 4800-24**

<table>
<thead>
<tr>
<th>STD</th>
<th>HO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial lumens 3000K (lm)</td>
<td>2332</td>
</tr>
<tr>
<td>Delivered lumens 3000K (lm)</td>
<td>1165</td>
</tr>
<tr>
<td>Input watts (W)</td>
<td>24</td>
</tr>
<tr>
<td>Number of LEDs</td>
<td>84</td>
</tr>
<tr>
<td>Lumens per LED</td>
<td>29(4K), 28(3K)</td>
</tr>
<tr>
<td>Distribution</td>
<td>52% Direct, 48% Indirect</td>
</tr>
<tr>
<td>Luminaire Efficiency (%)</td>
<td>50</td>
</tr>
<tr>
<td>Luminaire Efficacy 3000K (lm/W)</td>
<td>49</td>
</tr>
<tr>
<td>Photometric type</td>
<td>C</td>
</tr>
<tr>
<td>Luminaire spacing criteria</td>
<td></td>
</tr>
<tr>
<td>2 luminaires, plane 0</td>
<td>2.68</td>
</tr>
<tr>
<td>2 luminaires, plane 90</td>
<td>2.68</td>
</tr>
<tr>
<td>4 luminaires</td>
<td></td>
</tr>
</tbody>
</table>

---

A TONE FOR YOU: The Tone is offered for the interior of the Cycle, the exterior, or both to adapt to your acoustic and aesthetic requirements. With any configuration, the Tone does not interfere with the emitted light of its host.
Photometric Report

**TONE 72 + CYCLE**

2990-72x + CYCLE 4800-72

---

**Photometric Report**

**TONE INTERIOR & EXTERIOR 2990-72x + CYCLE 4800-72**

STD HO

Initial lumens 3000K (lm) 8624 17248
Delivered lumens 3000K (lm) 4069 8081
Input watts (W) 87 174
Number of LEDs 308 616
Lumens per LED 29(4K), 28(3K) same
Distribution 52% Direct, 48% Indirect
Luminaire Efficiency (%) 48 same
Luminaire Efficacy 3000K (lm/W) 48 same
Photometric type C same

Luminaire spacing criteria
2 luminaires, plane 0 1.80 same
2 luminaires, plane 90 1.80 same
4 luminaires 1.84 same

---

**TONE EXTERIOR 2990-72x + CYCLE 4800-72**

STD HO

Initial lumens 3000K (lm) 4149 8243
Delivered lumens 3000K (lm) 4069 8081
Input watts (W) 87 174
Number of LEDs 308 616
Lumens per LED 29(4K), 28(3K) same
Distribution 51% Direct, 49% Indirect
Luminaire Efficiency (%) 49 same
Luminaire Efficacy 3000K (lm/W) 48 same
Photometric type C same

Luminaire spacing criteria
2 luminaires, plane 0 1.82 same
2 luminaires, plane 90 1.82 same
4 luminaires 1.84 same

---

**Installation**

1. Ensure the junction box supports the fixture weights provided for cycle-Tone.
2. Exterior panel installation:
   - On exterior ring sections: Slide large felt supports in metal rails.
   - Place on installed cycle luminaire, push down & adjust supports laterally.
   - 47: Joiner clips & join all sections onto the overlapping metal rail.
   - Adjust levelling of all exterior supports by tapping backwards or forward.
   - Mark a flush inspection everywhere & adjust support position for levelling.

---

**Photometric Report**

**TONE INTERIOR & EXTERIOR 2990-72x + CYCLE 4800-72**

STD HO

Initial lumens 3000K (lm) 8624 17248
Delivered lumens 3000K (lm) 4069 8081
Input watts (W) 87 174
Number of LEDs 308 616
Lumens per LED 29(4K), 28(3K) same
Distribution 52% Direct, 48% Indirect
Luminaire Efficiency (%) 52 same
Luminaire Efficacy 3000K (lm/W) 45 same
Photometric type C same

Luminaire spacing criteria
2 luminaires, plane 0 1.80 same
2 luminaires, plane 90 1.80 same
4 luminaires 1.84 same

---

**Installation Sections Exterieures**

1. Sur sections extérieures, glisser les grands supports dans les rails en métal en dépassant de 3 à 6 mm.
2. Placez les sections sur un luminaire cycle installé. Pousser les supports en métal et ajuster horizontalement.
3. Acrocher crochets en acier aux rails.
5. Faire une inspection visuelle de tous les rails et ajuster le niveau.

---

**Installation Section Intérieure**

- Intérieur: Insérer petits supports, insérer 1 ou 2 au complet pour faciliter à l’étape 5. Grandeurs 2990-76 à 54 ont un support bis avec 3 tiges à orifice pour insérer dans le côté opposé du rail long.
- Passer dans le cycle et déposer sur anneau intérieur.