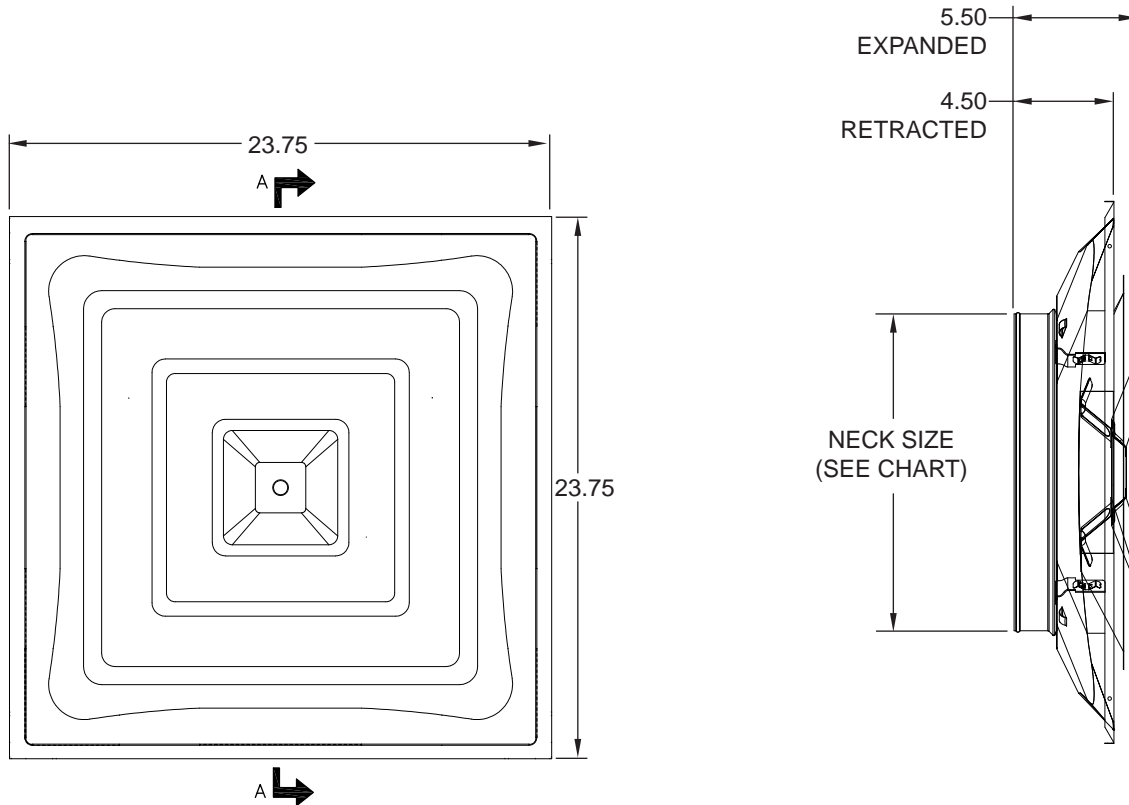




# L3C & L3CI 3 CONE LIGHT COMMERCIAL CEILING DIFFUSER



- Heavy Gauge Steel Construction
- High Air Volume 3 Cone Design
- 360 deg. Uniform Air Diffusion
- Unique Retractable Cone Design for Flush Applications
- Fixed 2" High Collar for Easy Connectability
- Optional Butterfly Damper (MFLCBD Series)
- Damper Adjustable Through Face
- Optional Insulated Back (L3CI Series)
- White Finish

L3C & L3CI (Cones Fully Extended)

| Neck Size (Dia)                  |       | Neck Velocity |       |       |       |       |       |       |       |       |       |
|----------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                  |       | 400           | 500   | 600   | 700   | 800   | 900   | 1000  | 1200  | 1400  | 1600  |
| <b>6"</b><br>An .20<br>Ak .82    | cfm   | 80            | 100   | 120   | 140   | 160   | 180   | 200   | 240   | 280   | 320   |
|                                  | Ps    | 0.008         | 0.012 | 0.016 | 0.024 | 0.032 | 0.040 | 0.048 | 0.072 | 0.104 | 0.140 |
|                                  | Throw | 2.0           | 3.0   | 4.0   | 5.0   | 6.0   | 7.0   | 9.0   | 10.0  | 12.0  | 14.0  |
| <b>8"</b><br>An .35<br>Ak .97    | cfm   | 140           | 175   | 210   | 245   | 280   | 315   | 350   | 420   | 490   | 560   |
|                                  | Ps    | 0.008         | 0.016 | 0.024 | 0.032 | 0.044 | 0.056 | 0.076 | 0.120 | 0.168 | 0.212 |
|                                  | Throw | 4.0           | 6.0   | 7.0   | 8.0   | 9.0   | 11.0  | 12.0  | 14.0  | 15.0  | 17.0  |
| <b>10"</b><br>An .54<br>Ak 1.24  | cfm   | 220           | 270   | 325   | 380   | 435   | 490   | 540   | 650   | 760   | 865   |
|                                  | Ps    | 0.012         | 0.020 | 0.032 | 0.044 | 0.064 | 0.080 | 0.100 | 0.120 | 0.164 | 0.220 |
|                                  | Throw | 6.0           | 8.0   | 9.0   | 11.0  | 13.0  | 14.0  | 16.0  | 18.0  | 22.0  | 24.0  |
| <b>12"</b><br>An .79<br>Ak 1.69  | cfm   | 315           | 390   | 470   | 550   | 625   | 705   | 780   | 940   | 1095  | 1250  |
|                                  | Ps    | 0.040         | 0.052 | 0.076 | 0.096 | 0.124 | 0.144 | 0.192 | 0.272 | 0.368 | 0.476 |
|                                  | Throw | 8.0           | 9.0   | 11.0  | 13.0  | 14.0  | 15.0  | 18.0  | 21.0  | 24.0  | 26.0  |
| <b>14"</b><br>An 1.07<br>Ak 2.11 | cfm   | 430           | 535   | 640   | 750   | 855   | 965   | 1070  | 1285  | 1500  | 1710  |
|                                  | Ps    | 0.056         | 0.080 | 0.100 | 0.128 | 0.140 | 0.196 | 0.272 | 0.368 | 0.47  | 0.584 |
|                                  | Throw | 9.0           | 11.0  | 13.0  | 15.0  | 16.0  | 19.0  | 22.0  | 26.0  | 230.0 | 31.0  |

Terminal velocity of 75 fpm

L3C & L3CI (Cones Fully Retracted)

| Neck Size (Dia)                  |       | Neck Velocity |       |       |       |       |       |       |       |       |       |
|----------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                  |       | 400           | 500   | 600   | 700   | 800   | 900   | 1000  | 1200  | 1400  | 1600  |
| <b>6"</b><br>An .20<br>Ak .78    | cfm   | 80            | 100   | 120   | 140   | 160   | 180   | 200   | 240   | 280   | 320   |
|                                  | Ps    | 0.012         | 0.020 | 0.024 | 0.036 | 0.048 | 0.060 | 0.076 | 0.112 | 0.160 | 0.216 |
|                                  | Throw | 2.0           | 3.0   | 4.0   | 5.0   | 6.0   | 6.0   | 7.0   | 8.0   | 9.0   | 11.0  |
| <b>8"</b><br>An .35<br>Ak .90    | cfm   | 140           | 175   | 210   | 245   | 280   | 315   | 350   | 420   | 490   | 560   |
|                                  | Ps    | 0.016         | 0.028 | 0.044 | 0.060 | 0.080 | 0.108 | 0.132 | 0.200 | 0.276 | 0.348 |
|                                  | Throw | 4.0           | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 11.0  | 13.0  | 14.0  | 16.0  |
| <b>10"</b><br>An .54<br>Ak 1.19  | cfm   | 220           | 270   | 325   | 380   | 435   | 490   | 540   | 650   | 760   | 865   |
|                                  | Ps    | 0.024         | 0.040 | 0.064 | 0.092 | 0.120 | 0.164 | 0.200 | 0.244 | 0.340 | 0.492 |
|                                  | Throw | 6.0           | 7.0   | 9.0   | 10.0  | 12.0  | 14.0  | 17.0  | 19.0  | 21.0  | 25.0  |
| <b>12"</b><br>An .79<br>Ak 1.63  | cfm   | 315           | 390   | 470   | 550   | 625   | 705   | 780   | 940   | 1095  | 1250  |
|                                  | Ps    | 0.052         | 0.080 | 0.112 | 0.144 | 0.180 | 0.220 | 0.276 | 0.404 | 0.544 | 0.644 |
|                                  | Throw | 7.0           | 8.0   | 10.0  | 11.0  | 13.0  | 14.0  | 17.0  | 20.0  | 22.0  | 25.0  |
| <b>14"</b><br>An 1.07<br>Ak 2.05 | cfm   | 430           | 535   | 640   | 750   | 855   | 965   | 1070  | 1285  | 1500  | 1710  |
|                                  | Ps    | 0.076         | 0.112 | 0.156 | 0.172 | 0.224 | 0.280 | 0.412 | 0.540 | 0.636 | 0.792 |
|                                  | Throw | 7.0           | 10.0  | 11.0  | 13.0  | 14.0  | 18.0  | 20.0  | 23.0  | 27.0  | 29.0  |

Terminal velocity of 75 fpm



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