Date: February 20, 2021

# Airflow Specifications for 3x10 Floor Lite

| Area Factor (Ak) | Face Velocity | 800 | | | 1000 | | | 1200 | | | 1400 | | | 1600 | | | 1800 | | | 2000 | | | 2200 | | | 2400 | | | 2600 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Terminal Velocity | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 | 50 | 100 | 150 |
| | SP | 0.040 | | | 0.062 | | | 0.090 | | | 0.122 | | | 0.159 | | | 0.202 | | | 0.249 | | | 0.301 | | | 0.358 | | | 0.421 | | |
| | CFM | 36 | | | 48 | | | 58 | | | 67 | | | 77 | | | 86 | | | 96 | | | 106 | | | 115 | | | 125 | | |
| 0.048 | Throw | 17 | 6 | 3 | 20 | 10 | 6 | 23 | 14 | 8 | 25 | 16 | 10 | 27 | 19 | 12 | 27 | 19 | 12 | 30 | 23 | 15 | 31 | 25 | 17 | 36 | 26 | 17 | 33 | 28 | 18 |

Note:

1. Performance Data is based on ASHRAE 70-06.
2. CFM: Standard air density and isothermal condtions.
3. Static Pressure (SP): Inches of water gauge.
4. Face Velocity: Face discharge velocity in feet per minute (fpm).
5. Dashed line [-] in SP box indicates SP is less than 0.01 w.g.
6. Throw: Projection distance in feet from the diffuser discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt]
7. Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face.