

## PERFORMANCE DATA:

### MODEL: 5410

#### Single Side • 24" Long Light Troffer • 5" Oval Inlet

Airflow, CFM	30	40	50	60	70	80	90
Total Pressure	.040	.060	.100	.130	.170	.220	.360
Static Pressure	.030	.050	.090	.120	.150	.200	.330
Noise Criteria	15	23	29	34	38	43	46
Throw	2-5	3-7	4-8	5-10	6-11	7-12	8-13

#### Single Side • 36" Long Light Troffer • 5" Oval Inlet

Airflow, CFM	40	50	60	70	80	90	100	110
Total Pressure	.050	.070	.110	.140	.180	.220	.260	.320
Static Pressure	.040	.060	.100	.120	.160	.190	.230	.280
Noise Criteria	–	20	25	29	33	37	40	43
Throw	3-6	3-7	4-8	5-10	6-12	6-14	8-15	9-16

#### Single Side • 48" and 60" Long Light Troffer • 6" Oval Inlet

Airflow, CFM	40	50	60	70	80	90	100	110	120
Total Pressure	.030	.060	.080	.110	.130	.160	.220	.280	.300
Static Pressure	.030	.050	.070	.100	.120	.150	.200	.260	.280
Noise Criteria	–	–	17	21	25	29	34	36	40
Throw	2-5	3-7	4-7	5-9	6-11	7-12	7-14	8-15	9-16

#### Performance Notes:

- Performance data is based on typical samples of light troffers. Performance may vary with other makes and models of light troffers.
- Throws are given at 150 and 50 fpm terminal velocities, under isothermal conditions.
- All pressures are in inches w.g..
- Noise Criteria [NC] values based on a room absorption of 10 dB, re 10<sup>-12</sup> watts. Dash (–) in space denotes an Noise Criteria level less than 15.
- Data derived from independent tests conducted in accordance with ANSI/ASHRAE Standard 70-2023.

Length in feet	Ak Factor per foot	
	Single	Double
2	.057	.093
3	.089	.145
4	.120	.197