

22257 UCF B016A F&S Bldg Dept Reno

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|-------------------------------|--|
| Location | |
| Building owner | |
| Program user | |
| Company | RLF |
| Comments | |
| By | RLF |
| Dataset name | I:\22257\ME\Calculations\Load Calculations\TRACE\22257.trc |
| Calculation time | 05:04 PM on 01/24/2023 |
| TRACE® 700 version | 6.3.4 |
| Location | Orlando, Florida |
| Latitude | 28.0 deg |
| Longitude | 81.0 deg |
| Time Zone | 5 |
| Elevation | 106 ft |
| Barometric pressure | 29.8 in. Hg |
| Air density | 0.0757 lb/cu ft |
| Air specific heat | 0.2444 Btu/lb·°F |
| Density-specific heat product | 1.1109 Btu/h·cfm·°F |
| Latent heat factor | 4,890.3 Btu·min/h·cu ft |
| Enthalpy factor | 4.5449 lb·min/hr·cu ft |
| Summer design dry bulb | 95.0 °F |
| Summer design wet bulb | 74.8 °F |
| Winter design dry bulb | 38.0 °F |
| Summer clearness number | 0.95 |
| Winter clearness number | 0.95 |
| Summer ground reflectance | 0.20 |
| Winter ground reflectance | 0.20 |
| Carbon Dioxide Level | 400 ppm |
| Design simulation period | January - December |
| Cooling load methodology | TETD-TA1 |
| Heating load methodology | UATD |

