

Location	2328 Medico Lane, Melbourne, FL 32940
Building owner	
Program user	
Company	RLF
Comments	

By	RLF
Dataset name	H:\21184\ME\CALCULATIONS\LOAD CALCULATIONS\TRACE\21184.TRC

Calculation time	05:19 PM on 04/11/2022
TRACE® 700 version	6.3.4

Location	Melbourne, Florida
Latitude	28.0 deg
Longitude	80.0 deg
Time Zone	5
Elevation	16 ft
Barometric pressure	29.9 in. Hg
Air density	0.0760 lb/cu ft
Air specific heat	0.2444 Btu/lb·°F
Density-specific heat product	1.1147 Btu/h·cfm·°F
Latent heat factor	4,906.9 Btu·min/h·cu ft
Enthalpy factor	4.5604 lb·min/hr·cu ft
Summer design dry bulb	88.0 °F
Summer design wet bulb	78.0 °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