

T&L Building SA31 3EP

Teaching & Learning Heat Demand Modelling

UW3396-ART-TL-XX-HLM-0001 V1.0

06-Mar-26



Level 1	Heat Load	Notes
Zone ref	kW	
C02	7.14	Central circulation at bottom of atrium
11	2.75	Teaching zone, trench radiators
12	0.98	Teaching zone
13	0.97	Teaching zone
14	1.04	Teaching zone
C01	0.98	Entrance vestibule, trench radiators
S02	0.43	Stairs
C03	0.35	Circulation
10	2.23	Teaching zone, appeared to have too many radiators
09	1.04	Teaching zone
08	0.16	WC
Part of C02	0.39	Circulation
S01	0.56	Stairs
P01	0	Plant room
02	0.08	Store
01	0.47	Store
06	0.21	WC
07	0	Store
04	0.07	WC
05	0	Store
P02	0	Meter room
15	3.27	Teaching zone

Level 2	Heat Load	
Zone ref	kW	Notes
16	0.3	Store
09	0.6	Teaching zone
10	1.84	Teaching zone
11	0.97	Teaching zone
C01	2.44	Central circulation, part of atrium
C02	0.31	Circulation
12	0.91	Teaching zone
13	0.92	Teaching zone
03	0.25	Tea making
S01	0.45	Stairs
Part of C01	0.19	Circulation, part of atrium
02	0.04	WC
04	0.18	WC
06	0.15	WC
05	0	Store
14	2.35	Teaching zone
07	1.64	Teaching zone
08	1.6	Teaching zone
S02	0.45	Stairs
15	2.53	Teaching zone

Level 3	Heat Load	
Zone ref	kW	Notes
16	0.72	Office with split unit
17	1.44	Office with split unit
Part of C02	0.52	Tea making, part of C02
C02	0.96	Circulation
03	0.07	WC
06	0.23	WC
04	0.24	WC
05	0	Store
S01	0.62	Stairs
C01	0.27	Circulation
C03	0.63	Circulation
14	0.79	Office with split unit
C04	0.6	Circulation
12	0.77	Office with split unit
S02	0.62	Stairs
C05	0.25	Circulation
15	0.65	Office with split unit
11	0.54	Office with split unit
10	0.54	Office with split unit
09	0.54	Office with split unit
08	0.54	Office with split unit
07	0.56	Office with split unit
01	3.09	Office with split unit