

Quadro de Cargas

QD-01																	
Circ.	Descrição	Iluminação					Tomadas		Pot. W	Pot. V.A	Demanda (%)	Fat. Pot.	Corr. A	Fases	Prot. A	Cond. mm2	Fases ABC
		5W	18W	30W	64W	200W	100W	600W									
1	Iluminação			12	3				552.0	600.0	100%	0.92	2.73	1	20A	2.5	A
2	Iluminação			45					1350.0	1467.4	100%	0.92	6.67	1	20A	2.5	A
3	Iluminação			32					960.0	1043.5	100%	0.92	4.74	1	20A	2.5	A
4	Iluminação			23					690.0	750.0	100%	0.92	3.41	1	20A	2.5	A
5	Iluminação			45					1350.0	1467.4	100%	0.92	6.67	1	20A	2.5	B
6	Iluminação		6						108.0	117.4	100%	0.92	0.53	1	20A	2.5	A
7	Iluminação externa	3							15.0	16.3	100%	0.92	0.07	1	20A	2.5	B
8	Iluminação externa					3			600.0	652.2	100%	0.92	2.96	1	20A	4	A
9	Tomadas						9		900.0	978.3	100%	0.92	4.45	1	20A	2.5	C
10	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	B
11	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
12	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	B
13	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
14	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
15	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	A
16	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
17	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	A
18	Tomadas						9		900.0	978.3	100%	0.92	4.45	1	20A	2.5	B
19	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	A
20	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
21	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
22	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
23	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
24	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
25	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
26	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
27	Tomadas						8		800.0	869.6	100%	0.92	3.95	1	20A	2.5	A
28	Tomadas						16		1600.0	1739.1	100%	0.92	7.91	1	20A	2.5	C
29	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	B
30	Tomadas						6	1	1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	B
31	Tomadas						1	2	1300.0	1413.0	100%	0.92	6.42	1	20A	2.5	B
32	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	B
33	Tomadas						6	1	1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	C
34	Tomadas						1	2	1300.0	1413.0	100%	0.92	6.42	1	20A	2.5	A
35	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	C
36	Tomadas						7		700.0	760.9	100%	0.92	3.46	1	20A	2.5	B
37	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	C
38	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
39	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
40	Tomadas						11		1100.0	1195.7	100%	0.92	5.43	1	20A	2.5	B
41	Tomadas						6		600.0	652.2	100%	0.92	2.96	1	20A	2.5	A
42	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	A
43	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	B
44	Tomadas						2	1	800.0	869.6	100%	0.92	3.95	1	20A	2.5	B
45	Tomadas						2		1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	C
46	Tomadas						3		1800.0	1956.5	100%	0.92	8.89	1	20A	2.5	C
47	Tomadas						2		1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	A
48	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
49	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
50	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	A
51	Tomadas						3		300.0	326.1	100%	0.92	1.48	1	20A	2.5	C
52	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	A
53	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	B
54	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
55	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
56	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	B
57	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
58	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
59	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
60	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
61	Tomadas						9		900.0	978.3	100%	0.92	4.45	1	20A	2.5	B
62	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	A
63	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
64	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
65	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	C
66	Tomadas						5		500.0	543.5	100%	0.92	2.47	1	20A	2.5	A
67	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
68	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
69	Tomadas						1		600.0	652.2	100%	0.92	2.96	1	20A	2.5	C
NOBREAK01	Circuito NOBREAK01						1		1840.0	2000.0		0.92	9.09	1	25A	4	A
NOBREAK02	Circuito NOBREAK02						1		1840.0	2000.0		0.92	9.09	1	25A	4	B
Total		3	6	157	3	3	198	30	2	47105.0	51201.1						
Aliment.	C=10m QT=2%								47105.0	51201.1	70%	0.92	54.30	3	63A	16	ABC

Corrente nas Fases: A=77.6A B=77.6A C=77.6A

Quadro de Cargas

QD-02																	
Circ.	Descrição	Iluminação					Tomadas		Pot. W	Pot. V.A	Demanda (%)	Fat. Pot.	Corr. A	Fases	Prot. A	Cond. mm2	Fases ABC
		5W	18W	30W	200W	100W	600W	Outros 2000VA									
1	Iluminação			10					300.0	326.1	100%	0.92	1.48	1	20A	2.5	C
2	Iluminação			34					1020.0	1108.7	100%	0.92	5.04	1	20A	2.5	C
3	Iluminação			28					840.0	913.0	100%	0.92	4.15	1	20A	2.5	C
4	Iluminação			26					780.0	847.8	100%	0.92	3.85	1	20A	2.5	C
5	Iluminação			33					990.0	1076.1	100%	0.92	4.89	1	20A	2.5	B
6	Iluminação		3						54.0	58.7	100%	0.92	0.27	1	20A	2.5	C
7	Iluminação externa	9							45.0	48.9	100%	0.92	0.22	1	20A	2.5	C
8	Iluminação externa						5		1000.0	1087.0	100%	0.92	4.94	1	20A	4	A
9	Iluminação externa						3		600.0	652.2	100%	0.92	2.96	1	20A	4	A
10	Tomadas						3		300.0	326.1	100%	0.92	1.48	1	20A	2.5	A
11	Tomadas						2		200.0	217.4	100%	0.92	0.99	1	20A	2.5	B
12	Tomadas						16		1600.0	1739.1	100%	0.92	7.91	1	20A	2.5	B
13	Tomadas						4		400.0	434.8	100%	0.92	1.98	1	20A	2.5	A
14	Tomadas							1	600.0	652.2	100%	0.92	2.96	1	20A	2.5	A
15	Tomadas							1	600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
16	Tomadas							1	600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
17	Tomadas							1	600.0	652.2	100%	0.92	2.96	1	20A	2.5	A
18	Tomadas							1	600.0	652.2	100%	0.92	2.96	1	20A	2.5	B
19	Tomadas							1	600.0	652.2	100%	0.92	2.96	1	20A	2.5	A
20	Tomadas							4	400.0	434.8	100%	0.92	1.98	1	20A	2.5	C
21	Tomadas							2	200.0	217.4	100%	0.92	0.99	1	20A	2.5	A
22	Tomadas							16	1600.0	1739.1	100%	0.92					