

Quadro de Cargas (QD1)																			
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)
QD2		3F+N+T	B1	380/220 V	37913	34106	R+S+T	11382	11530	11194	1.00	1.00	58.1	58.1	16	88.0	63	0.13	0.96
QD3		3F+N+T	B1	380/220 V	21436	19248	R+S+T	6216	6232	6800	1.00	1.00	34.3	34.3	10	66.0	40	2.53	3.36
QD4		3F+N+T	B1	380/220 V	17506	15774	R+S+T	4174	5800	5800	1.00	0.80	36.6	29.3	10	66.0	32	3.23	4.06
QD5		3F+N+T	B1	380/220 V	11401	10916	R+S+T	2016	6500	2400	1.00	0.80	36.9	29.5	10	50.0	32	3.32	4.15
QD6		3F+N+T	B1	380/220 V	2072	1072	R+S+T	372	350	350	1.00	1.00	3.2	3.2	6	48.0	32	0.00	0.83
TOTAL					90329	81116	R+S+T	24160	30412	26544									

Quadro de Cargas (QD2)																				
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	
1	IL-SALA 05/06	F+N+T	B1	220 V	470	432	R	432				1.00	0.57	3.7	2.1	2.5	24.0	16	0.68	1.63
2	IL-SALA 07/08/09	F+N+T	B1	220 V	626	576	R	576				1.00	0.57	5.0	2.8	2.5	24.0	16	0.62	1.57
3	IL-SECRETARIA/COO/DI/SP	F+N+T	B1	220 V	548	504	T				504	1.00	0.60	3.0	2.5	2.5	24.0	16	0.25	1.21
4	IL-CIRCULAÇÃO	F+N+T	B1	220 V	704	648	R	648				1.00	0.57	5.6	3.2	2.5	24.0	16	0.66	1.62
5	IL-PATIO COBERTO	F+N+T	B1	220 V	313	288	R	288				1.00	0.57	2.5	1.4	2.5	24.0	16	0.64	1.60
6	REFLETORES	F+N+T	B1	220 V	200	100	R	100				1.00	0.60	1.5	0.9	2.5	24.0	16	0.06	1.02
7	ILE	F+N+T	B1	220 V	108	108	R	108				1.00	0.57	0.9	0.5	2.5	24.0	16	0.08	1.04
8	T.U.G.s SALA 05/06	F+N+T	B1	220 V	1333	1200	S		1200			1.00	0.57	10.6	6.1	2.5	24.0	16	1.93	2.89
9	T.U.G.s SALA 07/08	F+N+T	B1	220 V	1333	1200	R	1200				1.00	0.57	10.6	6.1	2.5	24.0	16	1.66	2.62
10	T.U.G.s SALA 09	F+N+T	B1	220 V	667	600	R	600				1.00	0.57	5.3	3.0	2.5	24.0	16	0.57	1.53
11	T.U.G.s SEC/DI	F+N+T	B1	220 V	667	600	R	600				1.00	0.60	5.1	3.0	2.5	24.0	16	0.71	1.67
12	IMPRESSORA GRANDE	F+N+T	B1	220 V	1111	1000	R	1000				1.00	0.60	8.4	5.1	4	32.0	20	0.56	1.52
13	T.U.G.s COO	F+N+T	B1	220 V	889	800	R	800				1.00	0.60	6.7	4.0	2.5	24.0	16	0.48	1.44
14	IMPRESSORA GRANDE	F+N+T	B1	220 V	1111	1000	R	1000				1.00	0.60	8.4	5.1	4	32.0	20	0.49	1.45
15	T.U.G.s SEC	F+N+T	B1	220 V	889	800	R	800				1.00	0.60	5.1	4.0	2.5	24.0	16	0.08	1.04
16	T.U.G.s DI/SP	F+N+T	B1	220 V	1778	1600	R	1600				1.00	0.60	13.5	8.1	2.5	24.0	16	0.75	1.71
17	ARC SALA 05	F+N+T	B1	220 V	3222	2900	S		2900			1.00	0.57	25.7	14.6	4	32.0	20	3.82	4.78
18	ARC SALA 06	F+N+T	B1	220 V	3222	2900	T			2900		1.00	0.57	25.7	14.6	4	32.0	20	3.37	4.33
19	ARC SALA 07	F+N+T	B1	220 V	3222	2900	S		2900			1.00	0.57	25.7	14.6	4	32.0	20	3.29	4.24
20	ARC SALA 08	F+N+T	B1	220 V	3222	2900	T			2900		1.00	0.57	25.7	14.6	4	32.0	20	2.58	3.54
21	ARC SALA 09	F+N+T	B1	220 V	3222	2900	S		2900			1.00	0.57	25.7	14.6	4	32.0	20	2.14	3.10
22	ARC SEC	F+N+T	B1	220 V	1811	1630	T			1630		1.00	0.60	13.7	8.2	4	32.0	20	1.27	2.23
23	ARC COO	F+N+T	B1	220 V	1811	1630	T			1630		1.00	0.60	13.7	8.2	2.5	24.0	16	1.26	2.22
24	ARC SEC	F+N+T	B1	220 V	1811	1630	R	1630				1.00	0.60	13.7	8.2	2.5	24.0	16	0.46	1.41
25	ARC DI	F+N+T	B1	220 V	1811	1630	T			1630		1.00	0.60	13.7	8.2	2.5	24.0	16	0.88	1.84
26	ARC SP	F+N+T	B1	220 V	1811	1630	S		1630			1.00	0.60	13.7	8.2	2.5	24.0	16	1.04	2.00
TOTAL						37913	34106	R+S+T	11382	11530	11194									

Quadro de Cargas (QD3)																			
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)
27	IL-DEP/SALA01/SANITÁRIOS	F+N+T	B1	220 V	413	378	R	378			1.00	0.57	2.5	1.9	2.5	24.0	16	0.18	3.54
28	IL-SALA 02/03	F+N+T	B1	220 V	470	432	S		432		1.00	0.65	3.3	2.1	2.5	24.0	16	0.23	3.59
29	IL- SANTÁRIOS/SALA 04	F+N+T	B1	220 V	335	306	R	306			1.00	0.57	2.7	1.5	2.5	24.0	16	0.31	3.67
30	IL-CIRCULAÇÃO	F+N+T	B1	220 V	391	360	R	360			1.00	0.57	3.1	1.8	2.5	24.0	16	0.57	3.93
31	REFLETORES	F+N+T	B1	220 V	200	100	R	100			1.00	0.57	1.6	0.9	2.5	24.0	16	0.24	3.60
32	ILE	F+N+T	B1	220 V	72	72	R	72			1.00	0.57	0.6	0.3	2.5	24.0	16	0.04	3.40
33	T.U.G.s DEPOSITO	F+N+T	B1	220 V	1333	1200	R	1200			1.00	0.57	10.6	6.1	2.5	24.0	16	0.98	4.34
34	T.U.G.s SALA 01/02	F+N+T	B1	220 V	1333	1200	R	1200			1.00	0.57	5.3	6.1	2.5	24.0	16	0.41	3.78
35	T.U.G.s SANITÁRIOS	F+N+T	B1	220 V	1556	1400	R	1400			1.00	0.80	8.8	7.1	2.5	24.0	16	0.27	3.63
36	T.U.G.s SALA 03/04	F+N+T	B1	220 V	1333	1200	R	1200			1.00	0.57	5.3	6.1	2.5	24.0	16	0.71	4.08
37	T.U.G.s SANITÁRIOS	F+N+T	B1	220 V	1111	1000	T			1000	1.00	0.60	8.4	5.1	2.5	24.0	16	0.96	4.32
38	ARC SALA 01	F+N+T	B1	220 V	3222	2900	S		2900		1.00	0.57	25.7	14.6	4	32.0	20	1.66	5.02
39	ARC SALA 02	F+N+T	B1	220 V	3222	2900	T			2900	1.00	0.80	18.3	14.6	4	32.0	20	0.46	3.82
40	ARC SALA 03	F+N+T	B1	220 V	3222	2900	S		2900		1.00	0.65	22.5	14.6	4	32.0	20	1.26	4.62
41	ARC SALA 04	F+N+T	B1	220 V	3222	2900	T			2900	1.00	0.57	25.7	14.6	4	32.0	20	2.57	5.93
TOTAL						21436	19248	R+S+T	6216	6232	6800								

Quadro de Cargas (QD4)																			
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)
42	IL-AUDITÓRIO	F+N+T	B1	220 V	822	756	R	756			1.00	0.65	3.6	3.7	2.5	24.0	16	0.27	4.33
43	ILE	F+N+T	B1	220 V	18	18	R	18			1.00	1.00	0.1	0.1	2.5	24.0	16	0.00	4.06
44	T.U.G.s AUDITÓRIO	F+N+T	B1	220 V	1556	1400	R	1400			1.00	0.65	10.9	7.1	2.5	24.0	16	0.78	4.84
45	T.U.G.s AUDITÓRIO	F+N+T	B1	220 V	1333	1200	R	1200			1.00	0.65	6.2	6.1	2.5	24.0	16	0.29	4.35
46	T.U.G.s AUDITÓRIO	F+N+T	B1	220 V	889	800	R	800			1.00	0.70	5.8	4.0	2.5	24.0	16	0.59	4.65
47	ARC AUDITÓRIO	F+N+T	B1	220 V	3222	2900	S		2900		1.00	0.65	22.5	14.6	4	32.0	20	1.19	5.25
48	ARC AUDITÓRIO	F+N+T	B1	220 V	3222	2900	T			2900	1.00	0.70	20.9	14.6	2.5	24.0	20	1.28	5.34
49	ARC AUDITÓRIO	F+N+T	B1	220 V	3222	2900	S		2900		1.00	0.70	20.9	14.6	2.5	24.0	20	2.20	6.26
50	ARC AUDITÓRIO	F+N+T	B1	220 V	3222	2900	T			2900	1.00	0.70	20.9	14.6	2.5	24.0	20	3.25	7.31
TOTAL						17506	15774	R+S+T	4174	5800									

Quadro de Cargas (QD5)																				
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	
51	IL-COZINHA/DESP	F+N+T	B1	220 V	235	216	R	216				1.00	0.65	1.1	1.1	2.5	24.0	16	0.09	4.24
52	T.U.G.s DESP	F+N+T	B1	220 V	1333	1200	T			1200		1.00	0.80	7.6	6.1	2.5	24.0	16	0.20	4.35
53	T.U.G.s COZINHA	F+N+T	B1	220 V	1333	1200	T			1200		1.00	0.65	9.3	6.1	2.5	24.0	16	0.23	4.38
54	T.U.G.s COZINHA	F+N+T	B1	220 V	1333	1200	R	1200				1.00	0.65	9.3	6.1	2.5	24.0	16	0.34	4.49
55	EXAUSTOR	F+N+T	B1	220 V	667	600	R	600				1.00	0.65	4.7	3.0	2.5	24.0	16	0.20	4.35
56	FORNO	F+N+T	B1	220 V	6500	6500	S		6500			1.00	1.00	29.5	29.5	10	57.0	40	0.23	4.38
TOTAL						11401	10916	R+S+T	2016	6500	2400									