

Quadro de Cargas																
QDG																
Circ.	Descrição	Qd Distrib.	Pot. W	Pot. V.A	Demanda W	Fat. (%)	Corr.	Fases	Prot.	Cond. mm2	Fases	Tensão V	Fase A	Fase B	Fase C	
QDLF-1	Quadro: QDLF-1	2942W	4881.3	5730.3	75%	0.85	86.82	3	80	25	ABC	380	18996.9	18950.0	18901.3	
QDLF-2	Quadro: QDLF-2		1	12867.0	15853.0	72%	0.88	194.37	3	150	70	ABC	380	42850.6	42819.9	42846.7
QDLF-3	Quadro: QDLF-3		1	2942.0	3677.5	100%	0.80	5.57	3	25	4	ABC	380	1225.8	1225.8	1225.8
Total			1	1	1	1	1	1	1	1	1	1	1	1	1	1
Alimet.	C=10m QF=2%					100%	0.87	210.90	3	230A	120	ABC	380	8300.3	8306.7	83013.8
Potência Total (164823.6 W) (189532.6 V.A) Potência Demandada: 73.45% (120963.5 W) (139212.3 V.A)																
Corrente nas Fases: A=210.9A B=210.9A C=210.9A																

Quadro de Cargas																			
QDLF-1																			
Circ.	Descrição	Iluminação				Tomadas		Ar Cond.				Pot. W		Pot. V.A		Fases		Fase	
		25W	28W	37W	50W	150W	300W	9.55W	1251W	2294W	3126W	Pot. W	Pot. V.A	Demanda W	Fat. (%)	Corr.	Fases	Prot. A	Fase B
1	Iluminação				18							900.0	978.3	100%	0.92	4.45	1	10A	1.5 A
2	Iluminação											250.0	271.7	100%	0.92	1.24	1	10A	1.5 B
3	Iluminação	10										707.0	768.5	100%	0.92	3.49	1	10A	1.5 B
4	Iluminação		7	19								723.0	781.1	100%	0.90	3.98	1	10A	1.5 B
5	Iluminação		5	4	9							666.0	723.9	100%	0.92	3.29	1	10A	1.5 C
6	Iluminação			16								555.0	603.3	100%	0.92	2.74	1	10A	1.5 B
7	Iluminação				15							642.0	697.8	100%	0.92	3.17	1	10A	1.5 A
8	Iluminação		2									3126.0	3907.5	100%	0.80	17.76	1	20A	4 B
AR1	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4 B
AR2	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4 B
AR3	Ar Condicionado							1				938.0	1172.5	100%	0.80	5.33	1	20A	4 B
AR4	Ar Condicionado											2294.0	2867.5	100%	0.80	13.03	1	20A	4 A
AR5	Ar Condicionado											1251.0	1563.8	100%	0.80	7.11	1	20A	4 C
AR6	Ar Condicionado							1				1251.0	1563.8	100%	0.80	7.11	1	20A	4 C
AR7	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4 C
AR8	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4 C
AR9	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4 C
AR10	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4 C
AR11	Ar Condicionado							1				938.0	1172.5	100%	0.80	5.33	1	20A	4 C
PE1	Tomadas							1				300.0	326.1	100%	0.92	1.48	1	20A	4 B
PE2	Tomadas											300.0	326.1	100%	0.92	1.48	1	20A	4 C
T1	Tomadas						6					900.0	978.3	100%	0.92	4.45	1	25A	2.5 B
T2	Tomadas							7				1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 A
T3	Tomadas						3	2				1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 C
T4	Tomadas						3	1				750.0	815.2	100%	0.92	3.71	1	25A	2.5 B
T5	Tomadas						3					900.0	978.3	100%	0.92	4.45	1	25A	2.5 C
T6	Tomadas						4					1200.0	1304.3	100%	0.92	5.93	1	25A	2.5 B
T7	Tomadas						1	2				750.0	815.2	100%	0.92	3.71	1	25A	2.5 B
T8	Tomadas						5					750.0	815.2	100%	0.92	3.71	1	25A	2.5 B
T9	Tomadas						8					1200.0	1304.3	100%	0.92	5.93	1	25A	2.5 C
T10	Tomadas						5	1				1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 C
T11	Tomadas						5					1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 B
T12	Tomadas						5					750.0	815.2	100%	0.92	3.71	1	25A	2.5 B
T13	Tomadas						7					1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 B
T14	Tomadas						5	1				1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 C
T15	Tomadas						6	1				1200.0	1304.3	100%	0.92	5.93	1	25A	2.5 A
T16	Tomadas						4					900.0	978.3	100%	0.92	4.45	1	25A	2.5 B
T17	Tomadas						6					900.0	978.3	100%	0.92	4.45	1	25A	2.5 C
T18	Tomadas						7					1050.0	1141.3	100%	0.92	5.19	1	25A	2.5 B
Total		24	19	73	27	87	17	2	2	1	6	48761.0	57482.0	75%	0.85	65.10	3	100A	25 ABC
Alimet.	C=10m QF=2%											48813.8	57303.8	75%	0.85	65.10	3	100A	25 ABC
Potência Demandada: 100% (48761.0 W) (57482.0 V.A)																			
Corrente nas Fases: A=86.4A B=86.6A C=86.6A																			

Quadro de Cargas																								
QDLF-2																								
Circ.	Descrição	Iluminação				Tomadas			Ar Cond.			Fases			Fase B			Fase C						
		25W	28W	37W	50W	150W	600W	1251W	1876W	3126W	Pot. W	Pot. V.A	Demanda W	Fat. Pot.	Corr. A	Fases	Alim. Cond.m2	Fases ABC	Tensão V	Fase A	Fase B	Fase C		
1	Iluminação											642.0	697.8	100%	0.92	3.17	1	10A	1.5	A	220	697.8	0.0	0.0
2	Iluminação											421.0	457.6	100%	0.92	2.08	1	10A	1.5	B	220	457.6	0.0	0.0
3	Iluminação											421.0	457.6	100%	0.92	2.08	1	10A	1.5	B	220	0.0	457.6	0.0
4	Iluminação											642.0	697.8	100%	0.92	3.17	1	10A	1.5	C	220	0.0	0.0	697.8
5	Iluminação											446.0	484.8	100%	0.92	2.20	1	10A	1.5	A	220	484.8	0.0	0.0
6	Iluminação											446.0	484.8	100%	0.92	2.20	1	10A	1.5	B	220	0.0	484.8	0.0
7	Iluminação											642.0	697.8	100%	0.92	3.17	1	10A	1.5	C	220	0.0	0.0	697.8
8	Iluminação											446.0	484.8	100%	0.92	2.20	1	10A	1.5	B	220	0.0	484.8	0.0
9	Iluminação											446.0	484.8	100%	0.92	2.20	1	10A	1.5	C	220	0.0	0.0	484.8
10	Iluminação											785.0	853.3	100%	0.92	3.98	1	10A	2.5	A	220	853.3	0.0	0.0
11	Iluminação											446.0	484.8	100%	0.92	2.20	1	10A	1.5	B	220	0.0	484.8	0.0
12	Iluminação											650.0	712.0	100%	0.92	3.24	1	10A	1.5	A	220	712.0	0.0	0.0
13	Iluminação											600.0	652.2	100%	0.92	2.96	1	10A	2.5	A	220	652.2	0.0	0.0
14	Iluminação											750.0	815.2	100%	0.92	3.71	1	10A	1.5	C	220	0.0	0.0	815.2
15	Iluminação											500.0	543.5	100%	0.92	2.47	1	10A	1.5	B	220	0.0	543.5	0.0
AR1	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	A	220	3907.5	0.0	0.0
AR2	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	B	220	0.0	3907.5	0.0
AR3	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	A	220	3907.5	0.0	0.0
AR4	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	B	220	0.0	3907.5	0.0
AR5	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	B	220	0.0	3907.5	0.0
AR6	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	B	220	0.0	3907.5	0.0
AR7	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	B	220	0.0	3907.5	0.0
AR8	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	C	220	0.0	0.0	3907.5
AR9	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	C	220	0.0	0.0	3907.5
AR10	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	B	220	0.0	3907.5	0.0
AR11	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	C	220	0.0	0.0	3907.5
AR12	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	C	220	0.0	0.0	3907.5
AR13	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	C	220	0.0	0.0	3907.5
AR14	Ar Condicionado											1251.0	1563.8	100%	0.80	7.11	1	20A	4	A	220	1563.8	0.0	0.0
AR15	Ar Condicionado											1876.0	2345.0	100%	0.80	10.66	1	20A	4	C	220	0.0	0.0	2345.0
AR16	Ar Condicionado											1251.0	1563.8	100%	0.80	7.11	1	20A	4	C	220	0.0	0.0	1563.8
AR17	Ar Condicionado											1251.0	1563.8	100%	0.80	7.11	1	20A	4	C	220	0.0	0.0	1563.8
AR18	Ar Condicionado											3126.0	3907.5	100%	0.80	17.76	1	20A	4	C	220	0.0	0.0	3907.5
AR19	Ar Condicionado											1876.0	2345.0	100%	0.80	10.66	1	20A	4	A	220	2345.0	0.0	0.0
AR20	Ar Condicionado											1251.0	1563.8	100%	0.80	7.11	1	20A	4	A	220	1563.8	0.0	0.0
CH1	Chuveiro											6500.0	6500.0	100%	1.00	29.55	1	32A	6	B	220	6500.0	0.0	0.0
CH2	Chuveiro											6500.0	6500.0	100%	1.00	29.55	1	32A	6	B	220	0.0	6500.0	0.0
CH3	Chuveiro											6500.0	6500.0	100%	1.00	29.55	1	32A	6	C	220	0.0	0.0	6500.0
CH4	Chuveiro											6500.0	6500.0	100%	1.00	29.55	1	32A	6	A	220	6500.0	0.0	0.0
CH5	Chuveiro											6500.0	6500.0	100%	1.00	29.55	1	32A	6	B	220	0.0	6500.0	0.0
T1	Tomadas											1950.0	2194.0	100%	0.92	9.63	1	20A	2.5	A	220	2194.0	0.0	0.0
T2	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	B	220	0.0	1304.3	0.0
T3	Tomadas											1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	A	220	1304.3	0.0	0.0
T4	Tomadas											1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	A	220	0.0	1304.3	0.0
T5	Tomadas											1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T6	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T7	Tomadas											1950.0	2194.0	100%	0.92	9.63	1	20A	2.5	A	220	2194.0	0.0	0.0
T8	Tomadas											1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	A	220	1304.3	0.0	0.0
T9	Tomadas											1200.0	1304.3	100%	0.92	5.93	1	20A	2.5	A	220	0.0	1304.3	0.0
T10	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T11	Tomadas											2350.0	2445.7	100%	0.92	11.92	1	20A	2.5	A	220	2445.7	0.0	0.0
T12	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T13	Tomadas											1950.0	2194.0	100%	0.92	9.63	1	20A	2.5	C	220	0.0	0.0	2194.0
T14	Tomadas											1950.0	2194.0	100%	0.92	9.63	1	20A	2.5	C	220	0.0	0.0	2194.0
T15	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T16	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T17	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T18	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T19	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T20	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T21	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T22	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T23	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T24	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T25	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T26	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T27	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T28	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T29	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T30	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T31	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T32	Tomadas											1200.0	1304.3	100%	0.93	5.93	1	20A	2.5	C	220	0.0	0.0	1304.3
T33	Tomadas																							