

Quadro de Cargas															
QD-01															
Circ.	Descrição	Iluminação			Tomadas			Seal (m)	Pot. W	Pot. V.A	Demanda (W)	Fat. (%)	Corr. A	Fases	Obs.
1.01	Circuito 1.01	2x19W	30W						1440,0	1848,0	100%	0,97	6,35	1	Obs.
1.02	Tomadas				3	1			1000,0	1087,0	100%	0,92	4,94	1	Obs.
1.03	Circuito 1.03				3	1			1000,0	1087,0	100%	0,92	4,94	1	Obs.
1.04	Circuito 1.04				3	1			1000,0	1087,0	100%	0,92	4,94	1	Obs.
1.05	Circuito 1.05				3	1			1000,0	1087,0	100%	0,92	4,94	1	Obs.
AC1.06	Tomadas						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC1.07	Circuito AC1.07						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC1.08	Tomadas						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC1.09	Circuito AC1.09						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
Total		18	22		12	4	4		17040,0	18441,0	90%	0,92	25,10	3	ABC
Aliment.	C=15m Q1=2%								17040,0	18441,0	90%	0,92	25,10	3	ABC
Potência Total (17040,0 W) (18441,0 V.A) Potência Demandada: 90% (15336,0 W) (16597,0 V.A)															
Corrente nas Fases: A=28,7A B=28,7A C=26,5A															

Quadro de Cargas															
QD-02															
Circ.	Descrição	Iluminação			Tomadas			Seal (m)	Pot. W	Pot. V.A	Demanda (W)	Fat. (%)	Corr. A	Fases	Obs.
2.01	Circuito 2.01	5	13	10					928,0	956,7	100%	0,97	4,35	1	Obs.
2.02	Circuito 2.02				3	1			1000,0	1087,0	100%	0,92	4,94	1	Obs.
2.03	Circuito 2.03				6				2400,0	2526,3	100%	0,95	11,48	1	Obs.
2.04	Circuito 2.04				6				1200,0	1263,2	100%	0,95	5,74	1	Obs.
2.05	Circuito 2.05				4				800,0	842,1	100%	0,95	3,83	1	Obs.
2.06	Circuito 2.06				3	1			1000,0	1087,0	100%	0,92	4,94	1	Obs.
2.07	Circuito 2.07				8				1600,0	1684,2	100%	0,95	7,66	1	Obs.
2.08	Circuito 2.08				4				800,0	842,1	100%	0,95	3,83	1	Obs.
2.09	Circuito 2.09				4				800,0	842,1	100%	0,95	3,83	1	Obs.
AC2.10	Circuito AC2.10						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC2.12	Circuito AC2.12						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
Total		5	13	10	32	8	2		16328,0	17435,0	100%	0,94	23,80	3	ABC
Aliment.	C=15m Q1=2%								16328,0	17435,0	90%	0,94	23,80	3	ABC
Potência Total (16328,0 W) (17435,0 V.A) Potência Demandada: 90% (14695,2 W) (15691,5 V.A)															
Corrente nas Fases: A=26,9A B=26,3A C=26,0A															

Quadro de Cargas															
QD-03															
Circ.	Descrição	Iluminação			Tomadas			Seal (m)	Pot. W	Pot. V.A	Demanda (W)	Fat. (%)	Corr. A	Fases	Obs.
3.01	Circuito 3.01	12	26	14					1760,0	1816,2	100%	0,95*	8,26	1	Obs.
3.02	Circuito 3.02						10		2000,0	2173,9	100%	0,92	9,88	1	Obs.
3.03	Circuito 3.03		2				12		2472,0	2682,9	100%	0,92*	12,20	1	Obs.
3.04	Circuito 3.04						10		2000,0	2173,9	100%	0,92	9,88	1	Obs.
3.05	Circuito 3.05						9		1800,0	1956,5	100%	0,92	8,89	1	Obs.
3.06	Circuito 3.06						2	2	1800,0	1956,5	100%	0,92	8,89	1	Obs.
3.13	Circuito 3.13			8	8				1216,0	1321,7	100%	0,92	6,01	1	Obs.
3.14	Circuito 3.14		6				2		236,0	243,7	100%	0,85*	1,11	1	Obs.
3.15	Circuito 3.15					4			800,0	869,6	100%	0,92	3,95	1	Obs.
AC3.07	Circuito AC3.07						1		1930,0	2097,8	100%	0,92	9,54	1	Obs.
AC3.08	Circuito AC3.08						1		1930,0	2097,8	100%	0,92	9,54	1	Obs.
AC3.09	Circuito AC3.09						1		1930,0	2097,8	100%	0,92	9,54	1	Obs.
AC3.10	Circuito AC3.10						1		1930,0	2097,8	100%	0,92	9,54	1	Obs.
AC3.11	Circuito AC3.11						1		1930,0	2097,8	100%	0,92	9,54	1	Obs.
AC3.12	Circuito AC3.12						1		1930,0	2097,8	100%	0,92	9,54	1	Obs.
Total		12	34	14	8	8	47	2	1	6	10	25644,0	27782,0		
Aliment.	C=15m Q1=2%								25644,0	27782,0	90%	0,92	37,90	3	ABC
Potência Total (25644,0 W) (27782,0 V.A) Potência Demandada: 90% (23097,6 W) (25003,8 V.A)															
Corrente nas Fases: A=41,1A B=42,3A C=42,8A															

Quadro de Cargas																	
QD-04																	
Circ.	Descrição	Iluminação			Tomadas			Seal (m)	Pot. W	Pot. VA	Demanda (W)	Fat. Pot. A	Corr. A	Fases	Cond. mod	Fases ABC	Obs.
		3W	2x18W	2x26W	100W	200W	400W										
4.01	Circuito 4.01	13	9					4	832,0	858,6	100%	0,95*	3,90	1	16A	25	C Obs.
4.02	Circuito 4.02					4			800,0	869,6	100%	0,92	3,95	1	16A	25	C Obs.
4.03	Circuito 4.02					6			1200,0	1304,3	100%	0,92	5,83	1	16A	25	C Obs.
4.04	Circuito 4.04						4		1600,0	1739,1	100%	0,92	7,91	1	16A	25	C Obs.
4.05	Circuito 4.05					3	1		1000,0	1087,0	100%	0,92	4,94	1	16A	25	C Obs.
4.08	Circuito 4.08	3	6	5	4				984,0	1051,4	100%	0,92*	4,78	1	16A	25	C Obs.
AC4.06	Circuito AC4.06						1		2900,0	3152,2	100%	0,93	14,33	1	25A	4	C Obs.
AC4.07	Circuito AC4.07						1		2900,0	3152,2	100%	0,92	14,33	1	25A	4	C Obs.
Total		16	15	5	4	13	5	2	4	12216,0	13214,4						
Alimnt.	C=15m Q1=2%								12216,0	13214,4	90%	0,92	18,00	3	32A	4	ABC --
Potência Total (12216,0 W) (13214,4 V.A) Potência Demandada: 90% (10994,4 W) (11892,9 V.A)																	
Corrente nas Fases: A=20,3A B=19,3A C=20,5A																	

Quadro de Cargas															
QD-05															
Circ.	Descrição	Iluminação			Tomadas			Seal (m)	Pot. W	Pot. V.A	Demanda (W)	Fat. (%)	Corr. A	Fases	Obs.
5.01	Circuito 5.01	25	15				2		1460,0	1555,6	100%	0,95*	6,84	1	Obs.
5.02	Circuito 5.02				3	1			900,0	978,3	100%	0,92	4,45	1	Obs.
5.03	Circuito 5.03				3	1			900,0	978,3	100%	0,92	4,45	1	Obs.
5.04	Circuito 5.04				3	1			900,0	978,3	100%	0,92	4,45	1	Obs.
5.05	Circuito 5.05				3	1			900,0	978,3	100%	0,92	4,45	1	Obs.
5.06	Circuito 5.06				3	1			900,0	978,3	100%	0,92	4,45	1	Obs.
5.12	Circuito 5.12		16	22					1368,0	1440,3	100%	0,97	6,41	1	Obs.
5.13	Circuito 5.13			10					520,0	565,2	100%	0,92	2,57	1	Obs.
AC5.07	Circuito AC5.07						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC5.08	Circuito AC5.08						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC5.09	Circuito AC5.09						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC5.10	Circuito AC5.10						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
AC5.11	Circuito AC5.11						1		2900,0	3152,2	100%	0,92	14,33	1	Obs.
Total		41	37	10	15	5	5	2	22940,0	24133,3					
Aliment.	C=15m Q1=2%								22940,0	24133,3	90%	0,93	32,90	3	ABC
Potência Total (22348,0 W) (24133,3 V.A) Potência Demandada: 90% (20113,2 W) (21720,0 V.A)															
Corrente nas Fases: A=37,5A B=35,7A C=36,5A															

Quadro de Cargas																			
QDG																			
Circ.	Descrição	Potência						Pot. r.	Pot. V.A.	Demanda	Cor. A.	Fases	Prot. A.	Fases	Obs.				
		4320W	6000W	9370W	16320W	17040W	21640W	2840W	2840W	27200W									
Q-0001	Quadro: Q0-QUAIRA									6300.0	6305.7	900A	1.00	8.19	3	10	ABC	Obs:	
Q-0002	Quadro: Q0-REF.	1								2840.0	2967.9	900A	0.95	40.85	3	52	16	ABC	Obs:
Q-0003	Quadro: Q0-SALA1								1	4540.0	4778.9	900A	0.95	6.52	3	25	6	ABC	Obs:
Q-0004	Quadro: Q0-SALA1									5720.0	5724.5	900A	1.00	78.07	3	100	35	ABC	Obs:
Q-01	Quadro: Q0-01				1					1704.0	1706.8	900A	0.95	24.46	3	32	6	ABC	Obs:
Q-02	Quadro: Q0-02			1						1632.0	1787.4	900A	0.95	23.44	3	32	6	ABC	Obs:
Q-03	Quadro: Q0-03						1			2448.0	2536.1	900A	0.95	35.16	3	40	6	ABC	Obs:
Q-04	Quadro: Q0-04			1						957.6	1006.0	900A	0.95	13.75	3	32	6	ABC	Obs:
Q-05	Quadro: Q0-05									2164.4	2284.2	900A	0.95	31.10	3	32	10	ABC	Obs:
Total		1	1	1	1	1	1	1	1	18304.0	19767.2								
Aliment.	Cor=15m 01=2/3									18673.6	17936.4	1000A	0.97	261.50	3			ABC	--
Potência Total (185304.0 W) (191790.7 V.A.) Potência Demandada: 900A (16677.6 V.A) (172611.6 V.A)																			
Corrente nos Fases: A=261.5A B=261.5A C=261.5A																			