

Quadro de Demanda (GD1)				
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Potência de demanda (kW)	Demanda (kVA)
Iluminação e TUG's (Clínicas e hospitais)	27.47	40.00	10.99	
Uso Específico	44.58	100.00	44.58	
TOTAL			55.56	

Quadro de Cargas (QD1)																				
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total.	Pot. total.	Fases	Pot. - R	Pot. - S	Pot. - T	FCT	FCA	In	Ip	Seção (mm2)	Ic	Disj	dV parc	dV total	Status
					(VA)	(W)		(W)	(W)	(W)			(A)	(A)		(A)	(A)	(%)	(%)	
QD2		3F+N+T	B1	220/127 V	26225	22551	R+S+T	7911	6790	7850	0.94	1.00	39.5	37.2	10	50.0	40	0.05	0.57	OK
QD3		3F+N+T	B1	220/127 V	18650	16233	R+S+T	6670	4580	4983	0.94	1.00	47.0	44.2	16	68.0	50	2.30	2.83	OK
QD4		3F+N+T	B1	220/127 V	27171	24454	R+S+T	8345	8247	7863	0.94	1.00	89.7	84.3	35	110.0	90	0.23	0.76	OK
TOTAL					72046	63238	R+S+T	22526	19617	20696										

Quadro de Demanda (QD2)				
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Potência de demanda (kW)	Demanda (kVA)
Iluminação e TUG's (Clínicas e hospitais)	21.22	40.00	8.49	
Uso Específico	5.00	100.00	5.00	
TOTAL			13.49	

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 (%)	Status	
1	ILUMINAÇÃO	F+N	B1	127 V	413	372	R	372			0.94	0.45	7.7	3.3	2.5	24.0	10	0.95	1.52	OK	
	a				22	20	R	20			0.94	0.45	0.4		2.5	24.0				OK	
	b				107	96	R	96			0.94	0.45	2.0		2.5	24.0				OK	
	c				36	32	R	32			0.94	0.45	0.7		2.5	24.0				OK	
	d				71	64	R	64			0.94	0.45	1.3		2.5	24.0				OK	
	e				36	32	R	32			0.94	0.45	0.7		2.5	24.0				OK	
	f				71	64	R	64			0.94	0.45	1.3		2.5	24.0				OK	
	g				36	32	R	32			0.94	0.45	0.7		2.5	24.0				OK	
2	ILUMINAÇÃO	F+N	B1	127 V	427	384	R	384			0.94	0.45	7.9	3.4	2.5	24.0	10	0.57	1.14	OK	
	h				107	96	R	96			0.94	0.45	2.0		2.5	24.0				OK	
	i				36	32	R	32			0.94	0.45	0.7		2.5	24.0				OK	
	j				142	128	R	128			0.94	0.45	2.6		2.5	24.0				OK	
	k				142	128	R	128			0.94	0.45	2.6		2.5	24.0				OK	
	l				342	308	R	308			0.94	0.50	3.4	2.7	2.5	24.0	10	0.21	0.79	OK	
	m				22	20	R	20			0.94	0.50	0.4		2.5	24.0				OK	
	n				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
3	ILUMINAÇÃO	F+N	B1	127 V	413	372	R	372			0.94	0.50	1.1	3.3	2.5	24.0	10	0.34	0.91	OK	
	o				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
	p				36	32	R	32			0.94	0.50	0.6		2.5	24.0				OK	
	q				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
	r				36	32	R	32			0.94	0.50	0.6		2.5	24.0				OK	
	s				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
	t				36	32	R	32			0.94	0.50	0.6		2.5	24.0				OK	
	u				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
4	ILUMINAÇÃO	F+N	B1	127 V	413	372	R	372			0.94	0.50	1.1	3.3	2.5	24.0	10	0.34	0.91	OK	
	v				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
	w				36	32	R	32			0.94	0.50	0.6		2.5	24.0				OK	
	x				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
	y				36	32	R	32			0.94	0.50	0.6		2.5	24.0				OK	
	z				71	64	R	64			0.94	0.50	1.2		2.5	24.0				OK	
	a1				22	20	R	20			0.94	0.50	0.4		2.5	24.0				OK	
	b1				44	40	R	40			0.94	0.52	0.7		2.5	24.0				OK	
5	ILUMINAÇÃO	F+N	B1	127 V	178	160	R	160			0.94	0.52	2.9	1.4	2.5	24.0	10	0.22	0.80	OK	
	c1				44	40	R	40			0.94	0.52	0.7		2.5	24.0				OK	
	d1				22	20	R	20			0.94	0.52	0.4		2.5	24.0				OK	
	e1				22	20	R	20			0.94	0.52	0.4		2.5	24.0				OK	
	f1				489	440	S			440		0.94	0.45	9.1	3.8	2.5	24.0	10	0.83	1.41	OK
	g1				44	40	S			40		0.94	0.45	0.8		2.5	24.0				OK
	h1				133	120	S			120		0.94	0.45	2.5		2.5	24.0				OK
	i1				133	120	S			120		0.94	0.45	2.5		2.5	24.0				OK
6	ILUMINAÇÃO COMUNS	F+N	B1	127 V	444	400	R	400				0.94	0.45	9.1	3.8	2.5	24.0	10	1.25	1.83	OK
	k1				178	160	R	160				0.94	0.45	2.9		2.5	24.0				OK
	l1				178	160	R	160				0.94	0.45	2.9		2.5	24.0				OK
	m1				89	80	R	80				0.94	0.45	1.7		2.5	24.0				OK
	n1				89	80	R	80				0.94	0.45	1.7		2.5	24.0				OK
	o1				444	400	R	400				0.94	0.52	7.2	3.5	2.5	24.0	10	1.25	1.83	OK
	p1				178	160	R	160				0.94	0.52	2.9		2.5	24.0				OK
	q1				178	160	R	160				0.94	0.52	2.9		2.5	24.0				OK
7	CHUVEIRO	F+T+T	B1	220 V	2500	2500	R+T			1250		0.94	0.45	26.9	11.4	6	41.0	16	1.00	1.58	OK
	r1				889	800	S			800		0.94	0.45	16.5	7.0	2.5	24.0	10	2.43	3.01	OK
	s1				688	550	S			550		0.94	0.45	12.8	5.4	2.5	24.0	10	2.01	2.59	OK
	t1				1227	1100	T			1100		0.94	0.45	22.8	9.6	2.5	24.0	10	2.26	2.83	OK
	u1				1111	1000	R	1000				0.94	0.50	9.3	8.7	2.5	24.0	10	0.51	1.09	OK
	v1				1375	1100	T			1100		0.94	0.50	11.5	10.8	6	41.0	16	0.36	0.94	OK
	w1				1111	1000	R	1000				0.94	0.50	18.6	8.7	2.5	24.0	10	1.33	1.90	OK
	x1				1375	1100	T			1100		0.94	0.50	23.0	10.8	6	41.0	16	0.72	1.29	OK
8	TOMADA COMUNS	F+N+T	B1	127 V	1222	1100	S			1100		0.94	0.50	20.5	9.6	2.5	24.0	10	1.06	1.64	OK
	y1				1375	1100	T			1100		0.94	0.50	23.0	10.8	6	41.0	16	0.56	1.13	OK
	z1				889	800	S			800		0.94	0.52	14.3	7.0	2.5	24.0	10	1.06	1.63	OK
	a2				1375	1100	S			1100		0.94	0.52	22.1	10.8	6	41.0	16	0.61	1.16	OK
	b2				1227	1100	T			1100		0.94	0.45	22.8	9.6	2.5	24.0	10	1.76	2.34	OK
	c2				127	1031	825	R	825			0.94	0.45	19.2	8.1	2.5	24.0	10	1.95	2.53	OK
	d2				127	1000	900	R	900			0.94	0.45	18.6	7.9	2.5	24.0	10	2.59	3.16	OK
	e2				1375	1100	T			1100		0.94	0.45	25.6	10.8	6	41.0	16	1.57	2.15	OK
9	PROJETOR LED FRENTE	F+N	B1	127 V	480	240	R	240				0.94	0.52	7.7	3.8	2.5	24.0	10	1.40	1.97	OK
	f2				180	90	R	90				0.94	0.52	2.9		2.5	24.0				OK
	g2				180	90	R	90				0.94	0.52	2.9		2.5	24.0				OK
	h2				120	60	R	60				0.94	0.52	1.9		2.5	24.0				OK
	i2				2600	2000	S			2000		0.94	0.45	46.5	19.7	10	57.0	20	1.34	1.91	OK
	j2				778	700	R	700				0.94	0.60	10.9	6.1	2.5	24.0	10	0.67	1.25	OK
	k2				26225	22551	R+S+T	7911	6790	7850											
	l2																				

Quadro de Demanda (QD3)				
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Potência de demanda (kW)	Demanda (kVA)
Iluminação e TUG's (Clínicas e hospitais)	6.24	40.00	2.50	
Uso Específico	12.41	100.00	12.41	
TOTAL			14.90	

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 (%)	Status	
27	CHUVEIRO	F+F+T	B1	220 V	2500	2500	S+T		1250	1250	0.94	0.57	21.2	11.4	4	32.0	16	0.78	3.60	OK	
28	CHUVEIRO	F+F+T	B1	220 V	2500	2500	S+T		1250	1250	0.94	0.57	21.2	11.4	4	32.0	16	0.84	3.67	OK	
29	LUMINARIAS	F+N	B1	127 V	142	128	T				0.94	0.80	1.5	1.1	2.5	24.0	10	0.17	3.00	OK	
	l1				71	64	T				0.94	0.80	0.7	0.5	2.5	24.0				OK	
	l2				71	64	T				0.94	0.80	0.7	0.5	2.5	24.0				OK	
	l3				71	64	T				0.94	0.80	0.7	0.5	2.5	24.0				OK	
30	LUMINARIAS	F+N	B1	127 V	267	240	T				0.94	0.57	3.9	2.1	2.5	24.0	10	0.25	3.07	OK	
	l1				22	20	T				0.94	0.57	0.3	0.3	2.5	24.0				OK	
	l1				89	80	T				0.94	0.57	1.3	0.5	2.5	24.0				OK	
	l1				89	80	T				0.94	0.57	1.3	0.5	2.5	24.0				OK	
	v1				22	20	T				0.94	0.57	0.3	0.3	2.5	24.0				OK	
	w1				22	20	T				0.94	0.57	0.3	0.3	2.5	24.0				OK	
	w1				22	20	T				0.94	0.57	0.3	0.3	2.5	24.0				OK	
	w1				22	20	T				0.94	0.57	0.3	0.3	2.5	24.0				OK	
31	LUMINARIA	F+N	B1	127 V	520	468	R	468			0.94	0.57	7.6	4.1	2.5	24.0	10	0.37	3.20	OK	
	y1				107	96	R	96			0.94	0.57	1.6	0.5	2.5	24.0				OK	
	b1				22	20	R	20			0.94	0.57	0.3	0.3	2.5	24.0				OK	
	z2				71	64	R	64			0.94	0.57	1.0	0.5	2.5	24.0				OK	
	b2				36	32	R	32			0.94	0.57	0.5	0.5	2.5	24.0				OK	
	c2				107	96	R	96			0.94	0.57	1.6	0.5	2.5	24.0				OK	
	d2				71	64	R	64			0.94	0.57	1.0	0.5	2.5	24.0				OK	
	e2				71	64	R	64			0.94	0.57	1.0	0.5	2.5	24.0				OK	
	j2				71	64	R	64			0.94	0.57	1.0	0.5	2.5	24.0				OK	
	j2				36	32	R	32			0.94	0.57	0.5	0.5	2.5	24.0				OK	
32	TOMADAS COMUNS	F+N+T	B1	127 V	1111	1000	R	1000			0.94	0.80	11.6	8.7	2.5	24.0	10	1.05	3.88	OK	
	TOMADAS COMUNS	F+N+T	B1	127 V	1111	1000	R	1000			0.94	0.57	16.3	8.7	2.5	24.0	10	0.87	3.70	OK	
33	TOMADAS COMUNS	F+N+T	B1	127 V	778	700	R	700			0.94	0.57	11.4	6.1	2.5	24.0	10	0.62	3.44	OK	
34	TOMADAS COMUNS	F+N+T	B1	127 V	778	700	R	700			0.94	0.57	11.4	6.1	2.5	24.0	10	0.62	3.44	OK	
35	TOMADA COÇA	F+F+T	B1	220 V	1875	1500	R+T	750	750		0.94	0.57	15.9	8.5	2.5	24.0	10	0.84	3.67	OK	
36	TOMADA COÇA	F+N+T	B1	127 V	1031	925	T		825		0.94	0.57	15.2	8.1	2.5	24.0	10	1.23	4.06	OK	
37	TOMADA ESTER	F+F+T	B1	220 V	1250	1000	R+S	500	500		0.94	0.57	10.8	5.7	2.5	24.0	10	0.50	3.33	OK	
38	TOMADA ESTER	F+F+T	B1	220 V	1250	1000	R+S	500	500		0.94	0.57	10.8	5.7	2.5	24.0	10	0.50	3.33	OK	
39	TOMADA ESTER	F+F+T	B1	220 V	1000	800	R+S	400	400		0.94	0.57	8.5	4.5	2.5	24.0	10	0.48	3.30	OK	
40	TOMADA ESTER	F+F+T	B1	220 V	1000	800	R+S	400	400		0.94	0.57	8.5	4.5	2.5	24.0	10	0.47	3.30	OK	
41	TOMADAS CIRCULAÇÃO	F+N+T	B1	127 V	333	300	T		300		0.94	0.57	3.3	2.6	2.5	24.0	10	0.19	3.02	OK	
42	LUMINARIA CIR	F+N	B1	127 V	311	280	S				0.94	0.57	2.6	2.4	2.5	24.0	10	0.48	3.31	OK	
	l2				178	160	S				0.94	0.57	1.6	1.5	2.5	24.0				OK	
	l2				133	120	S				0.94	0.57	2.0	2.0	2.5	24.0				OK	
43	LUZ EXTER FUNDOS	F+N	B1	127 V	360	180	T				180	0.94	0.57	5.3	2.8	2.5	24.0	10	0.72	3.55	OK
	l2				120	60	T				60	0.94	0.57	1.8	0.5	2.5	24.0				OK
	j2				240	120	T				120	0.94	0.57	3.5	2.5	2.5	24.0				OK
44	LUZ EXTERNA LAT	F+N	B1	127 V	120	60	T				60	0.94	0.57	1.8	0.9	2.5	24.0	10	0.20	3.02	OK
	l2				60	30	T				30	0.94	0.57	0.9	0.5	2.5	24.0				OK
	j2				120	60	T				60	0.94	0.57	1.8	0.9	2.5	24.0				OK
45	TOMADA DA COÇA	F+N+T	B1	127 V	1190	952	R	952			0.94	0.57	17.5	9.4	2.5	24.0	10	1.54	4.37	OK	
TOTAL					18650	16233	R+S+T	6670	4580	4983											