

Quadro de Cargas (QM1)																
Circuito	Descrição	Esquema	Método de inst.	V (V)	Pot. total (W)	Pot. total (VA)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	I ^r (A)	Seção (mm²)	Ic (A)	Disj (A)
Q01	Quadro Q01T	3F+N+T	B1	380 / 220 V	154343	154343	R+S+T	54098	40916	40291	1.00	1.00	135.5	70	171.0	125.0
TOTAL					154343	154343	R+S+T	54098	40916	40291						

Quadro de Cargas (QD1)																						
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)	Tomadas (W)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	I ^r (A)	Seção (mm²)	I _c (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
1	Iluminação 01	F+N	B1	220 V	26	100	200	290	1007	832	S		1.00	0.38	12.3	2.5	24.0	10.0			OK	
	a				4				316	256	S			0.38	3.8	2.5	24.0				OK	
	b				4				158	128	S			0.38	8.5	2.5	24.0				OK	
	c				8				316	256	S			0.38	12.3	2.5	24.0				OK	
	d								0	0	S			1.00	0.0	2.5	24.0				OK	
	e								0	0	S			1.00	0.0	2.5	24.0				OK	
	f								0	0	S			1.00	0.0	2.5	24.0				OK	
2	Iluminação 02	F+N	B1	220 V	28				1106	886	T			0.38	6.6	2.5	24.0				OK	
	g								0	0	T			1.00	0.0	2.5	24.0				OK	
	h								0	0	T			1.00	0.0	2.5	24.0				OK	
	ai								474	384	T			0.38	5.7	2.5	24.0				OK	
	am								474	384	T			0.38	11.3	2.5	24.0				OK	
	ap								158	128	T			0.38	13.2	2.5	24.0				OK	
	aq								158	128	T			0.38	13.2	2.5	24.0				OK	
3	Iluminação 03	F+N	B1	220 V	18				711	576	S			0.41	7.9	2.5	24.0	10.0			OK	
	a				12				474	384	T			0.41	7.9	2.5	24.0				OK	
	b								237	192	S			0.41	2.6	2.5	24.0				OK	
4	Iluminação 04	F+N	B1	220 V	28				1106	886	T			0.38	12.3	2.5	24.0	10.0			OK	
	j				2				79	64	T			0.4	0.8	0.9	2.5	24.0			OK	
	k				2				79	64	T			0.41	11.2	2.5	24.0				OK	
	l				24				948	768	T			0.38	12.3	2.5	24.0				OK	
	m				947				947	780	S			1.00	0.38	10.0	2.5	24.0	10.0			OK
5	Tomadas 06	F+N+T	B1	220 V		2	2		945	768	T			1.00	0.38	10.0	2.5	24.0	10.0			OK
	6	Tomadas 05	F+N+T	B1	220 V		5	2		1083	900	R	900		1.00	0.41	12.0	2.5	24.0	10.0		
7	Tomadas 04	F+N+T	B1	220 V		5	2		1083	900	R	900		1.00	0.38	13.0	2.5	24.0	10.0			OK
	7	Tomadas 03	F+N+T	B1	220 V		4	2		985	800	R	800		1.00	0.38	11.8	2.5	24.0	10.0		
9	Tomadas 02	F+N+T	B1	220 V		5	2		1083	900	R	900		1.00	0.38	13.0	2.5	24.0	10.0			OK
	10	Tomadas 01	F+N+T	B1	220 V		6	2		1194	1000	R	1000		1.00	0.38	14.3	2.5	24.0	10.0		
TOTAL					100	27	10	2	10328	8480	R+S+T	6200	2188	1792								

Quadro de Cargas (QD2)																				
Circuito	Descrição	Esquema	Método de inst.	V (V)	Tomadas (W)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	I ^r (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status
1	Chuveiro 01	F+N+T	B1	220 V		3690	4400	T	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
2	Chuveiro 02	F+N+T	B1	220 V		1	4400	T	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
3	Chuveiro 03	F+N+T	B1	220 V		1	4400	S	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
4	Chuveiro 04	F+N+T	B1	220 V		1	4400	T	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
5	Chuveiro 05	F+N+T	B1	220 V		1	4400	S	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
6	Chuveiro 06	F+N+T	B1	220 V		1	4400	T	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
7	Chuveiro 07	F+N+T	B1	220 V		1	4400	T	4400		4400	1.00	0.38	52.6	4	32.0	20.0			OK
8	A-condicionado 01	F+N+T	B1	220 V		1	4000	R	3600	R	3600	1.00	0.38	47.8	4	32.0	20.0			OK
9	A-condicionado 02	F+N	B1	220 V		0	0	S				1.00	1.00	0.0	4	32.0	20.0			OK
10	A-condicionado 03	F+N+T	B1	220 V		1	4000	R	3600	R	3600	1.00	0.38	47.8	4	32.0	20.0			OK
11	A-condicionado 04	F+N+T	B1	220 V		1	4000	R	3600	R	3600	1.00	0.38	47.8	4	32.0	20.0			OK
12	A-condicionado 05	F+N+T	B1	220 V		1	4000	R	3600	R	3600	1.00	0.38	47.8	4	32.0	20.0			OK
13	A-condicionado 06	F+N+T	B1	380 V		5	7	50800	R+S	18000	12000		0.45	23.4	4	32.0	20.0			OK
TOTAL							48800	R+S+T												

Quadro de Cargas (QD3)																										
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)	Tomadas (W)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	I ^r (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status					
1	Iluminação 01	F+N	B1	220 V	30		1185	960	S		960		1.00	0.38	10.8	2.5	24.0	10.0			OK					
					32	120	237	192	S		192															
					2			79	64	S		64		0.45	0.8	2.5	24.0							OK		
					8			216	256	S		256		0.45	4.0	2.5	24.0							OK		
					4			158	128	S		128		0.45	6.4	2.5	24.0							OK		
					2			79	64	S		64		0.45	4.8	2.5	24.0							OK		
					4			158	128	S		128		0.38	7.2	2.5	24.0							OK		
2	Iluminação 02	F+N	B1	220 V	24		158	128	S		128		1.00	0.38	8.6	2.5	24.0						OK			
					4			948	768	S		768		0.38	11.3	2.5	24.0							OK		
					4			158	128	R		128		0.38	11.3	2.5	24.0							OK		
					4			79	64	R		64		0.38	8.5	2.5	24.0							OK		
					4			158	128	R		128		0.38	1.9	2.5	24.0							OK		
					2			79	64	R		64		0.38	2.8	2.5	24.0							OK		
					2			79	64	R		64		0.38	9.5	2.5	24.0							OK		
3	Iluminação 03	F+N	B1	220 V	22		889	704	T				1.00	0.38	10.4	2.5	24.0	10.0					OK			
					2			79	64	T				0.38	7.6	2.5	24.0							OK		
					ac			237	192	T				192		0.38	10.4	2.5	24.0						OK	
					2			79	64	T				64		0.38	6.6	2.5	24.0						OK	
					2			64	0	T				64		0.38	0.9	2.5	24.0						OK	
					n			79	64	T				79		0.38	3.9	2.5	24.0						OK	
					z			237	192	T				192		0.38	5.7	2.5	24.0						OK	
4	Iluminação 04	F+N	B1	220 V	24		948	768	S				1.00	0.38	11.3	2.5	24.0	10.0					OK			
					24			948	768	S				948		0.38	11.3	2.5	24.0						OK	
								1000	1000	T				1000		1.00	0.38	12.0	2.5	24.0	10.0					OK
								1000	1000	T				1000		1.00	0.38	12.0	2.5	24.0						OK
								750	630	R	630		1.00	0.38	9.0	2.5	24.0	10.0							OK	
					an			750	630	R	630		0.38	9.0	2.5	24.0								OK		
								750	630	R	750		1.00	0.38	9.9	2.5	24.0	10.0							OK	
7	Tomadas 07	F+N+T	B1	220 V		3	624	780	R	780			500	1.00	0.38	9.9	2.5	24.0	10.0					OK		
							1	625	500	T				500		1.00	0.38	7.5	2.5	24.0	10.0					OK
							1	472	400	R	400			1.00	0.38	5.6	2.5	24.0	10.0						OK	
							1	806	700	R	700			1.00	0.38	9.6	2.5	24.0	10.0						OK	
							1	672	500	T				500		1.00	0.38	7.5	2.5	24.0	10.0					OK
							1	472	400	R	400			1.00	0.38	5.6	2.5	24.0	10.0						OK	
							1	806	700	R	700			1.00	0.38	9.6	2.5	24.0	10.0						OK	
TOTAL				100	9	10	3	9	1	1		8428	7180	R+S+T	3246	1728	2204									

Quadro de Cargas (QD4)																									
Circuito	Descrição	Esquema	Método de inst.	V (V)	100	550	3600	Tomadas (W)	4000	4400	Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA (A)	I ^r (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status
1	Chuveiro 01	F+N+T	B1	220 V							100	550	3600	4000	4400			1.00	0.38	52.6	4	32.0	20.0		OK
2	Chuveiro 02	F+N+T	B1	220 V							1	4400		4400	1.00	0.38	52.6	4	32.0	20.0					OK
3	Chuveiro 03	F+N+T	B1	220 V							1	4400		4400	1.00	0.38	52.6	4	32.0	20.0					OK
4	Ar-condicionado 01	F+N+T	B1	220 V							1	4400		4400	1.00	0.38	52.6	4	32.0	20.0					OK
5	Ar-condicionado 02	F+N+T	B1	220 V							1	4400		4400	1.00	0.38	52.6	4	32.0	20.0					OK
6	Ar-condicionado 03	F+N+T	B1	220 V							1	4400		4400	1.00	0.38	52.6	4	32.0	20.0					OK
7	Tomadas 01	F+N+T	B1	220 V	8						844	844	800	S	3600			1.00	0.38	47.8	4	32.0	20.0		OK
8	Tomadas 02	F+N+T	B1	220 V	7						1250	1250	1200	S	3600			1.00	0.38	47.8	4	32.0	20.0		OK
9	Tomadas 03	F+N+T	B1	220 V	7						1250	1250	1200	S	3600			1.00	0.38	47.8	4	32.0	20.0		OK
10	Tomadas 04	F+N+T	B1	220 V	7						5000	4000	4000	R	4000	4000		1.00	0.38	59.8	4	32.0	20.0		OK
TOTAL						15	1	3	2	3	37665	34050	R+S+T	12850	8800	12400		1.00	0.38	99.8	4	32.0	20.0		OK