

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	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status	
					6	46	100	130	0	100	300	600	1400	2810																3600
1	ILUMINAÇÃO	F+N	B1	127 V	28										1288	1288	S		1288		1.00	0.65	11.4	2.5	24.0	13.0	2.29	4.12	Ok	
	av				6										276	276	S		276			0.80	2.7	2.5	24.0				Ok	
	j				6										276	276	S		276			0.70	3.1	2.5	24.0				Ok	
	k				2										92	92	S		92			0.65	5.2	2.5	24.0				Ok	
	l				1										46	46	S		46			0.65	4.1	2.5	24.0				Ok	
	m				1										46	46	S		46			0.65	3.6	2.5	24.0				Ok	
	n				6										276	276	S		276			0.70	8.3	2.5	24.0				Ok	
	o				6										276	276	S		276			0.65	11.4	2.5	24.0				Ok	
2	ILUMINAÇÃO	F+N	B1	127 V	28										1288	1288	S		1288		1.00	0.70	11.4	4	32.0	13.0	2.61	4.44	Ok	
	p				6										276	276	S		276			0.70	3.1	4	32.0				Ok	
	q				1										46	46	S		46			0.70	10.9	4	32.0				Ok	
	r				1										46	46	S		46			0.70	11.4	4	32.0				Ok	
	s				6										276	276	S		276			0.70	6.2	4	32.0				Ok	
	t				8										368	368	S		368			0.70	10.3	4	32.0				Ok	
	u				6										276	276	S		276			0.80	2.7	4	32.0				Ok	
	v				6	4									436	436	S		436		1.00	0.65	4.9	2.5	24.0	10.0	2.05	3.87	Ok	
3	ILUMINAÇÃO	F+N	B1	127 V	6		4								400	400	S		400			1.00	0.70	4.5	2.5	24.0				Ok
	4	TOMADAS 1	F+N+T	B1	127 V					2	2					800	800	S		800		1.00	1.00	6.3	2.5	24.0	10.0	0.48	2.30	Ok
	5	TOMADAS 2	F+N+T	B1	127 V						6					600	600	S		600		1.00	0.65	6.7	2.5	24.0	10.0	0.72	2.55	Ok
	6	TOMADAS 3	F+N+T	B1	127 V					1	5					600	500	R	500		1.00	0.65	7.3	2.5	24.0	10.0	1.52	3.35	Ok	
	ai									1					100	0	R					0.65	7.3	2.5	24.0				Ok	
	7	TOMADAS 4	F+N+T	B1	127 V						4		1			1067	1000	R	1000		1.00	0.65	12.0	2.5	24.0	10.0	2.93	4.76	Ok	
	8	TOMADAS 5	F+N+T	B1	127 V						4		1			1067	1000	R	1000		1.00	0.70	12.0	4	32.0	10.0	2.92	4.74	Ok	
	9	VENTILADORES	SF+N+T	B1	127 V				10							1625	1300	R	1300		1.00	0.65	18.3	2.5	24.0	13.0	2.91	4.74	Ok	
10	aj							1							162	130	R	130				0.70	1.8	2.5	24.0				Ok	
	ak							1							162	130	R	130				0.70	9.1	2.5	24.0				Ok	
	al							1							162	130	R	130				0.65	16.5	2.5	24.0				Ok	
	AR COND 1	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	0.74	2.57	Ok	
	AR COND 2	F+F+T	B1	220 V										1	1667	1400	R+S	700	700		1.00	0.65	11.7	6	41.0	10.0	0.36	2.19	Ok	
	AR COND 3	F+F+T	B1	220 V										1	1667	1400	R+S	700	700		1.00	0.65	11.7	2.5	24.0	10.0	1.05	2.88	Ok	
	AR COND 4	F+F+T	B1	220 V											3122	2810	R+S	1405	1405		1.00	0.65	21.8	4	32.0	16.0	1.60	3.42	Ok	
	AR COND 5	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	1.62	3.45	Ok	
11	AR COND 6	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.65	28.0	6	41.0	25.0	2.23	4.06	Ok	
	AR COND 7	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	2.50	4.33	Ok	
	AR COND 8	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	2.79	4.62	Ok	
	VENTILADORES	SF+N+T	B1	127 V				10							1625	1300	R	1300		1.00	0.65	18.3	6	41.0	13.0	2.59	4.42	Ok		
	ay							1							162	130	R	130				0.65	3.7	6	41.0				Ok	
	az							1							162	130	R	130				0.70	5.5	6	41.0				Ok	
	ba							1							162	130	R	130				0.70	14.6	6	41.0				Ok	
	TOTAL					6	56	4	20	1	21	2	2	2	1	5	36851	33122	R+S	16905	16217		0							

## QUADRO DE CARGAS 01

Esc: 1/120

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	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status
					6	46	100	130	0	100	300	600	1400	2810															
1	ILUMINAÇÃO	F+N	B1	127 V	28										1288	1288	S		1288		1.00	0.65	11.4	2.5	24.0	13.0	2.29	4.12	Ok
	av				6										276	276	S		276			0.80	2.7	2.5	24.0				Ok
	j				6										276	276	S		276			0.70	3.1	2.5	24.0				Ok
	k				2										92	92	S		92			0.65	5.2	2.5	24.0				Ok
	l				1										46	46	S		46			0.65	4.1	2.5	24.0				Ok
	m				1										46	46	S		46			0.65	3.6	2.5	24.0				Ok
	n				6										276	276	S		276			0.70	8.3	2.5	24.0				Ok
	o				6										276	276	S		276			0.65	11.4	2.5	24.0				Ok
2	ILUMINAÇÃO	F+N	B1	127 V	28										1288	1288	S		1288		1.00	0.70	11.4	4	32.0	13.0	2.61	4.44	Ok
	p				6										276	276	S		276			0.70	3.1	4	32.0				Ok
	q				1										46	46	S		46			0.70	10.9	4	32.0				Ok
	r				1										46	46	S		46			0.70	11.4	4	32.0				Ok
	s				6										276	276	S		276			0.70	6.2	4	32.0				Ok
	t				8										368	368	S		368			0.70	10.3	4	32.0				Ok
	u				6										276	276	S		276			0.80	2.7	4	32.0				Ok
	v				6	4									436	436	S		436		1.00	0.65	4.9	2.5	24.0	10.0	2.05	3.87	Ok
3	TOMADAS 1	F+N+T	B1	127 V						2	2				400	400	S		400			0.70	4.5	2.5	24.0	10.0	0.48	2.30	Ok
	TOMADAS 2	F+N+T	B1	127 V						6					600	600	S		600		1.00	0.65	6.7	2.5	24.0	10.0	0.72	2.55	Ok
	TOMADAS 3	F+N+T	B1	127 V						1	5				600	500	R	500		1.00	0.65	7.3	2.5	24.0	10.0	1.52	3.35	Ok	
	ai									1					100	0	R					0.65	7.3	2.5	24.0				Ok
	TOMADAS 4	F+N+T	B1	127 V						4		1			1067	1000	R	1000		1.00	0.65	12.0	2.5	24.0	10.0	2.93	4.76	Ok	
	TOMADAS 5	F+N+T	B1	127 V						4		1			1067	1000	R	1000		1.00	0.70	12.0	4	32.0	10.0	2.92	4.74	Ok	
	VENTILADORES	SF+N+T	B1	127 V						10					1625	1300	R	1300		1.00	0.65	18.3	2.5	24.0	13.0	2.91	4.74	Ok	
	aj									1					162	130	R	130			0.70	1.8	2.5	24.0				Ok	
4	ak									1					162	130	R	130			0.70	9.1	2.5	24.0				Ok	
	al									1					162	130	R	130			0.65	16.5	2.5	24.0				Ok	
	AR COND 1	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	0.74	2.57	Ok
	AR COND 2	F+F+T	B1	220 V											1667	1400	R+S	700	700		1.00	0.65	11.7	6	41.0	10.0	0.36	2.19	Ok
	AR COND 3	F+F+T	B1	220 V											1667	1400	R+S	700	700		1.00	0.65	11.7	2.5	24.0	10.0	1.05	2.88	Ok
	AR COND 4	F+F+T	B1	220 V											3122	2810	R+S	1405	1405		1.00	0.65	21.8	4	32.0	16.0	1.60	3.42	Ok
	AR COND 5	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	1.62	3.45	Ok
	AR COND 6	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.65	28.0	6	41.0	25.0	2.23	4.06	Ok
5	AR COND 7	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	2.50	4.33	Ok
	AR COND 8	F+F+T	B1	220 V										1	4000	3600	R+S	1800	1800		1.00	0.70	26.0	6	41.0	25.0	2.79	4.62	Ok
	VENTILADORES	SF+N+T	B1	127 V						10					1625	1300	R	1300		1.00	0.65	18.3	6	41.0	13.0	2.59	4.42	Ok	
	ay									1					162	130	R	130			0.65	3.7	6	41.0				Ok	
	az									1					162	130	R	130			0.70	5.5	6	41.0				Ok	
	ba									1					162	130	R	130			0.70	14.6	6	41.0				Ok	
	TOTAL				6	56	4	20	1	21	2	2	2	1	5	36851	33122	R+S	16905	16217	0								