



Especificaciones:

CUADRO DE EQUIPOS							
TIPO	MODELO	CANTIDAS	WATTS	VA	VOLTAJE	AMP	f.p.
LUM-01	L6852-510	1	30	33.33333	120	0.25	0.9
LUM-02	L7265-630	4	95	105.5556	120	0.09	0.9
LUM-03	L5457-510	2	29	32.22222	120	0.23	0.9
LUM-04	L7017-610	13	5	5.555556	120	0.07	0.9
CON-01	QZ4028GFC	1	108	108	120	-	0.9
CON-02	CR20-GRY	4	108	108	120	-	0.9

01 Cuadro de equipos TAB-LC
IE-16 S/E

CUADRO DE CARGAS "TAB-LC"															
CIRCUITO	DESCRIPCION	L6852-510	L7265-630	L5457-510	L7017-610	QZ4028GFC	CR20-GRY	TOTAL WATTS	TOTAL VA	AMP	DISTANCIA (m)	CALIBRE AWG (F--T.F.)	e%	ITM	FASE 1
	W	30	95	29	5	108	108								
	VA	33.33	105.56	32.22	5.56	120.00	120.00								
B1	CONTACTOS					1	4	600.00	666.6667	5.25	6.54	10--10	0.205567	1x15A	600.00
B2	LAMPARAS CTO MAQ	1		2				97.78	108.642	0.86	3.94	12--12	0.032071	1x15A	97.78
B3	LAMPARAS EXT		4		13			494.44	549.3827	4.33	40	12--12	1.646492	1x15A	494.44
	TOTAL=	1	4	2	13	1	4	1192.222222	1324.691	10.43064					TOTAL= 1192.222

03 Cuadro de cargas TAB-LC
IE-16 S/E

CUADRO DE EQUIPOS									
TIPO	MODELO	CANTIDAD	WATTS	VA	VOLTAJE	AMP	HP	f.p.	
SOP-01,02	KO7R-MD	2	5592.75	6214.16667	220	16.3	7.5	0.9	
BOM-03/08	ROBUSTA2/10/1230A	6	745.7	828.555556	120	10.5	1	0.9	
BOM-09,10,11	TANTUM3-50-3230	3	3700	4111.11111	220	17.5	5	0.9	
BOM-B	EHD-IA1-5-2-2WP19	1	3700	4111.11111	220	10.7	5	0.9	

02 Cuadro de equipos TAB-BOM
IE-16 S/E

CUADRO DE CARGAS "TAB-BOM"																
CIRCUITO	DESCRIPCION	SOP-01/02 6214.16VA	BOM-03/08 VA	BOM-09/10 4111.11VA	TAB-LC 1380.24VA	BOM-B 4111.11VA	TOTAL WATTS	TOTAL VA	AMP	DISTANCIA (m)	CALIBRE AWG (F--T.F.)	e%	ITM	FASE 1	FASE 2	FASE 3
B1, 3, 5	SOP-01	1					5592.75	6214.167	16.30796	1.81	8--8	0.055529	3x30A	1864.25	1864.25	1864.25
B2, 4, 6	SOP-02	1					5592.75	6214.167	16.30796	2.84	8--8	0.087129	3x30A	1864.25	1864.25	1864.25
B7	BOM-03		1				745.7	828.5556	5.8	4.66	8--8	0.107638	1x20A	745.7		
B8	BOM-04		1				745.7	828.5556	5.8	5.13	8--8	0.118495	1x20A	745.7		
B9	BOM-05		1				745.7	828.5556	5.8	2.09	8--8	0.048276	1x20A	745.7		
B10	BOM-06		1				745.7	828.5556	5.8	1.68	8--8	0.038805	1x20A	745.7		
B11	BOM-07		1				745.7	828.5556	5.8	9.58	8--8	0.221282	1x20A			745.7
B12	BOM-08		1				745.7	828.5556	5.8	10.2	8--8	0.235603	1x20A			745.7
B13, 15, 17	BOM-09			1			3700	4111.111	17.5	13.04	8--8	0.429297	3x30A	1233.33	1233.33	1233.33
B14, 16, 18	BOM-10			1			3700	4111.111	17.5	13.71	8--8	0.451355	3x30A	1233.33	1233.33	1233.33
B19, 21, 23	BOM-B					1	3700	4111.111	10.78887	0.67	8--8	0.013599	3x20A	1233.33	1233.33	1233.33
B20	TAB-LC				1		1192.22	1324.689	10.43062	1	8--8	0.019625	1x20A	1192.22		
B22, 24, 26	BOM-10			1			3700	4111.111	17.5		8--8	0	3x30A	1233.33	1233.33	1233.33
	TOTAL=	2	6	3			31651.92	35168.8	92.29416		Desbalance	10.50836	TOTAL=	11345.44	10153.22	10153.22

04 Cuadro de cargas TAB-BOM
IE-16 S/E

CUADRO DE EQUIPOS									
TIPO	MODELO	CANTIDAS	WATTS	VA	VOLTAJE	AMP	TON	f.p.	
Fluorometro	FC-10-38-3.5	1	3	3.33	120	0.02	N/A	0.9	
Minisplit	EMF81U-CMF81U	2	1600	1777.778	220	7.7	1.5	0.9	
SECADOR	MB-1012	2	1000	1111.11	120	8.4	N/A	0.9	
Calentador	ELEVA 4	1	4000	4444.4444	120	31	N/A	0.9	
CON-01	QZ4028GFC	1	180	180	120	-	N/A	0.9	
CON-02	CR20-GRY	9	180	180	120	-	N/A	0.9	
CON-03	M5250WP	0	180	180	120	-	N/A	0.9	
VENTILADOR	NA-CW20	8	155	172.22222	120	1.43	N/A	0.9	
EXTRACTOR	TD-800/200 SILENT	3	136	151.1111	120	1.1	N/A	0.9	
BOM-A	EHD-IA1-5-2-2WP19	1	3700	4111.111	220	10.7	5 HP	0.9	

05 Cuadro de equipos TAB-FRZ
IE-16 S/E

CUADRO DE EQUIPOS									
TIPO	MODELO	CANTIDAS	WATTS	VA	VOLTAJE	AMP	TON	f.p.	
LUM-01	L6852-510	1	30	33.33333	120	0.25	N/A	0.9	
LUM-02	L6411-110	44	12	13.33333	120	0.09	N/A	0.9	
LUM-03	L5457-510	2	29	32.22222	120	0.23	N/A	0.9	
LUM-04	L5526-110	0	30	33.33333	120	0.26	N/A	0.9	
LUM-05	L6436-110	0	8	8.888889	120	0.06	N/A	0.9	
LUM-06	L712-1E0	12	24	26.66667	120	0.32	N/A	0.9	
LUM-07	L7301-913	41	2	2.222222	120	0.02	N/A	0.9	
LUM-08	L7017-610	13	5	5.555556	120	0.07	N/A	0.9	
LUM-09	F5094-6E5	34	6	6.666667	120	0.04	N/A	0.9	
LUM-10	MERSYF-GTF-5	7	49	54.44444	220	0.14	N/A	0.9	

06 Cuadro de equipos TAB-ILU
IE-16 S/E

CUADRO DE CARGAS "TAB-FRZ"																			
CIRCUITO	DESCRIPCION	CON-01,02 180VA	MINISPLIT 1777.77VA	SECADOR 1111VA	Fluorometro 3.33VA	VENTILADOR 100VA	Calentador 4444.44VA	Extractor 42.22VA	BOM-A 4111.11VA	TOTAL WATTS	TOTAL VA	AMP	DISTANCIA (m)	CALIBRE AWG (F--T.F.)	e%	ITM	FASE 1	FASE 2	FASE 3
B1	CON-01	3								1080	1200	10	47.52	10--10	3.01407	1x20A			1080
B2	CON-02	3								720	800	6.66666667	41.49	10--10	1.752852	1x20A			432
B3	CON-01	5								900	1000	8.33333333	22.12	10--10	1.16845	1x20A			900
B4	CON-01	3								900	1000	8.33333333	8.22	10--10	0.434094	1x20A		900	
B3, 15, 17	MINISPLIT		2							3200	3555.556	9.33093441	34.91	6--6	0.816396	1x30A	1066.66	1066.66	1066.66
B6	VENTILADOR					4				620	688.88889	5.740740741	41.55	10--10	1.51583	1x20A			620
B7	VENTILADOR					4				620	688.88889	5.740740741	26.84	10--10	0.976438	1x20A			620
B8	Fluorometro			2	1					2411	2678.8889	22.32407407	14.68	10--10	2.07679	1x30A		2411	
B9	Extractor							3											
B10, 12, 14	Calentador						4000		1	4000	4444.4444	37.03703704	3.09	10--10	0.72525	1x40A	4000		
B11	BOM-A								1	3700	4111.111	10.78888889	3.82	8--8	0.077532	3x20A	1233.333	1233.333	1233.333
B11	CON-02	4								720	800	2.099455524	48.68	10--10	0.647645			432	
	TOTAL=	20	2	2	1	8	1	3	1	1887	2096.778	15.0264401		Desbalance	4.07107	TOTAL=	6299.993	6042.993	5961.993

07 Cuadro de cargas TAB-FRZ
IE-16 S/E

CUADRO DE CARGAS "TAB-ILU"																						
CIRCUITO	DESCRIPCION	L6852-510	L6411-110	L5457-510	L5526-110	L6436-110	L712-1E0	L7301-913	L7017-610	F5094-6E5	MERSYF-GTF-5	TOTAL WATTS	TOTAL VA	AMP	DISTANCIA (m)	CALIBRE AWG (F--T.F.)	e%	ITM	FASE 1	FASE 2	FASE 3	
	W	30	12	29	30	8	24	2	5	6	49											
	VA	33.33	13.33	32.22	33.33	8.89	26.67	2.22	5.56	6.67	54.44											
E1	BAÑOS		19									306.67	340.7407	2.68	19.83	12--12	0.506257	1x15A			306.67	
E2	SEGURIDAD		13	2								297.78	330.8642	2.61	11.4	12--12	0.282605	1x15A		297.78		
E3	PASILLO		12									300.00	333.3333	2.62	36.54	12--12	0.912582	1x15A		300.00		
E4	PISO							41	13			270.00	300	2.36	41.43	12--12	0.931238	1x15A	270.00			
E5, 7	P. POSTE										7	381.11	423.4568	1.11	48	4--4	0.039619	3x20A	190.55		190.55	
E6	EXTERIOR									34		226.67	251.8519	1.98	89.08	12--12	1.680931	1x15A	226.67			
	TOTAL=	1	44	2	0	0	12	41	13	34		1782.222222	1980.247	5.1968		Desbalance	27.64776	TOTAL=	687.2167	597.78	497.2167	

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