

				FOLHA	1	SOMATÓRIO
LUMINÁRIA		BRAÇO		QUANT.		
REMOVER	INSTALAR	REMOVER	INSTALAR			
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	0	0	
HPS 250W	Led 180W			0	0	
HPS 150W	Led 120W			0	0	
HPS 250W	Led 120W			0	0	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0	0	
HPS 150W	Led 70W			0	0	
Led 60W*	MANTER			0	0	
Led 90W*	MANTER			0	0	
Led 180W*	MANTER			0	0	
HQL 400W	Led 180W			0	0	

				FOLHA	2	SOMATÓRIO
LUMINÁRIA		BRAÇO		QUANT.		
REMOVER	INSTALAR	REMOVER	INSTALAR			
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	14	14	
HPS 250W	Led 180W			0	0	
HPS 150W	Led 120W			0	0	
HPS 250W	Led 120W			0	0	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0	0	
HPS 150W	Led 70W			0	0	
Led 60W*	MANTER			0	0	
Led 90W*	MANTER			0	0	
Led 180W*	MANTER			0	0	
HQL 400W	Led 180W			0	0	

				FOLHA	3	SOMATÓRIO
LUMINÁRIA		BRAÇO		QUANT.		
REMOVER	INSTALAR	REMOVER	INSTALAR			
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	36	50	
HPS 250W	Led 180W			0	0	
HPS 150W	Led 120W			0	0	
HPS 250W	Led 120W			35	35	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	2	2	
HPS 150W	Led 70W			0	0	
Led 60W*	MANTER			0	0	
Led 90W*	MANTER			0	0	
Led 180W*	MANTER			0	0	
HQL 400W	Led 180W			0	0	

FOLHA				4
LUMINÁRIA		BRAÇO		QUANT.
REMOVER	INSTALAR	REMOVER	INSTALAR	
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	25
HPS 250W	Led 180W			0
HPS 150W	Led 120W			0
HPS 250W	Led 120W			27
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0
HPS 150W	Led 70W			0
Led 60W*	MANTER			0
Led 90W*	MANTER			0
Led 180W*	MANTER			0
HQL 400W	Led 180W			0

SOMATÓRIO
75
0
0
62
2
0
0
0
0
0

FOLHA				5
LUMINÁRIA		BRAÇO		QUANT.
REMOVER	INSTALAR	REMOVER	INSTALAR	
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	8
HPS 250W	Led 180W			0
HPS 150W	Led 120W			0
HPS 250W	Led 120W			0
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0
HPS 150W	Led 70W			0
Led 60W*	MANTER			8
Led 90W*	MANTER			8
Led 180W*	MANTER			0
HQL 400W	Led 180W			0

SOMATÓRIO
83
0
0
62
2
0
8
8
0
0

FOLHA				6
LUMINÁRIA		BRAÇO		QUANT.
REMOVER	INSTALAR	REMOVER	INSTALAR	
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	55
HPS 250W	Led 180W			0
HPS 150W	Led 120W			0
HPS 250W	Led 120W			0
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0
HPS 150W	Led 70W			0
Led 60W*	MANTER			16
Led 90W*	MANTER			7
Led 180W*	MANTER			0
HQL 400W	Led 180W			0

SOMATÓRIO
138
0
0
62
2
0
24
15
0
0

LUMINÁRIA				FOLHA	7
LUMINÁRIA		BRAÇO		QUANT.	
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	102	
HPS 250W	Led 180W			0	
HPS 150W	Led 120W			0	
HPS 250W	Led 120W			17	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	3	
HPS 150W	Led 70W			0	
Led 60W*	MANTER			0	
Led 90W*	MANTER			0	
Led 180W*	MANTER			0	
HQL 400W	Led 180W			0	

SOMATÓRIO
240
0
0
79
5
0
24
15
0
0

LUMINÁRIA				FOLHA	8
LUMINÁRIA		BRAÇO		QUANT.	
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	61	
HPS 250W	Led 180W			0	
HPS 150W	Led 120W			0	
HPS 250W	Led 120W			30	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0	
HPS 150W	Led 70W			0	
Led 60W*	MANTER			0	
Led 90W*	MANTER			0	
Led 180W*	MANTER			0	
HQL 400W	Led 180W			0	

SOMATÓRIO
301
0
0
109
5
0
24
15
0
0

LUMINÁRIA				FOLHA	9
LUMINÁRIA		BRAÇO		QUANT.	
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	31	
HPS 250W	Led 180W			0	
HPS 150W	Led 120W			0	
HPS 250W	Led 120W			0	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0	
HPS 150W	Led 70W			0	
Led 60W*	MANTER			0	
Led 90W*	MANTER			0	
Led 180W*	MANTER			0	
HQL 400W	Led 180W			0	

SOMATÓRIO
332
0
0
109
5
0
24
15
0
0

LUMINÁRIA				FOLHA	10
LUMINÁRIA		BRAÇO		QUANT.	SOMATÓRIO
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	89	421
HPS 250W	Led 180W			0	0
HPS 150W	Led 120W			0	0
HPS 250W	Led 120W			0	109
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	6	11
HPS 150W	Led 70W			0	0
Led 60W*	MANTER			0	24
Led 90W*	MANTER			0	15
Led 180W*	MANTER			0	0
HQL 400W	Led 180W			0	0

LUMINÁRIA				FOLHA	11
LUMINÁRIA		BRAÇO		QUANT.	SOMATÓRIO
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	33	454
HPS 250W	Led 180W			0	0
HPS 150W	Led 120W			0	0
HPS 250W	Led 120W			83	192
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	2	13
HPS 150W	Led 70W			0	0
Led 60W*	MANTER			0	24
Led 90W*	MANTER			0	15
Led 180W*	MANTER			19	19
HQL 400W	Led 180W			1	1

LUMINÁRIA				FOLHA	12
LUMINÁRIA		BRAÇO		QUANT.	SOMATÓRIO
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	6	460
HPS 250W	Led 180W			4	4
HPS 150W	Led 120W			0	0
HPS 250W	Led 120W			39	231
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	13	26
HPS 150W	Led 70W			0	0
Led 60W*	MANTER			0	24
Led 90W*	MANTER			0	15
Led 180W*	MANTER			30	49
HQL 400W	Led 180W			0	1

FOLHA				13
LUMINÁRIA		BRAÇO		QUANT.
REMOVER	INSTALAR	REMOVER	INSTALAR	
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	16
HPS 250W	Led 180W			0
HPS 150W	Led 120W			0
HPS 250W	Led 120W			57
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0
HPS 150W	Led 70W			0
Led 60W*	MANTER			0
Led 90W*	MANTER			0
Led 180W*	MANTER			27
HQL 400W	Led 150W			0

SOMATÓRIO
476
4
0
288
26
0
24
15
76
1

FOLHA				14
LUMINÁRIA		BRAÇO		QUANT.
REMOVER	INSTALAR	REMOVER	INSTALAR	
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	60
HPS 250W	Led 180W			0
HPS 150W	Led 120W			5
HPS 250W	Led 120W			8
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	4
HPS 150W	Led 70W			11
Led 60W*	MANTER			0
Led 90W*	MANTER			0
Led 180W*	MANTER			0
HQL 400W	Led 180W			0

SOMATÓRIO
536
4
5
296
30
11
24
15
76
1

LEGENDA				15
LUMINÁRIA		BRAÇO		QUANT.
REMOVER	INSTALAR	REMOVER	INSTALAR	
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	9
HPS 250W	Led 180W			7
HPS 150W	Led 120W			0
HPS 250W	Led 120W			9
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	1
HPS 150W	Led 70W			0
Led 60W*	MANTER			0
Led 90W*	MANTER			0
Led 180W*	MANTER			14
HQL 400W	Led 180W			0

SOMATÓRIO
545
11
5
305
31
11
24
15
90
1

				FOLHA	16
LUMINÁRIA		BRAÇO		QUANT.	
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	91	
HPS 250W	Led 180W			0	
HPS 150W	Led 120W			0	
HPS 250W	Led 120W			32	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0	
HPS 150W	Led 70W			0	
Led 60W*	MANTER			0	
Led 90W*	MANTER			0	
Led 180W*	MANTER			0	
HQL 400W	Led 180W			0	

SOMATÓRIO
636
11
5
337
31
11
24
15
90
1

				FOLHA	17
LUMINÁRIA		BRAÇO		QUANT.	
REMOVER	INSTALAR	REMOVER	INSTALAR		
HPS 70W	Led 50W	Braço BR1	Braço BR2 1,80m	60	
HPS 400W	Led 180W			0	
HPS 150W	Led 120W			0	
HPS 250W	Led 120W			0	
HPS 70W	Led 120W	Braço BR1	Braço BR2 1,80m	0	
HPS 150W	Led 70W			0	
Led 60W*	MANTER			0	
Led 90W*	MANTER			0	
Led 180W*	MANTER			0	
HQL 400W	Led 180W			0	

TOTAL
696
11
5
337
31
11
24
15
90
1

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1092

Iluminação Vias públicas	
Contagem total	
Luminária	Quantidade
Led 50W	696
Led 70W	11
Led 120W	373
Led 180W	12
Braço BR02	727

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