1)	Calculate capacity of e	news onto r		
6	ligge phase supply	- 7210 72 light fittings	4 100W	
10		Pt = 0.95 1Ag		
P)	10000			
()	- The series by	0.8		
45	3-phase			
do	1 11KW PP 0.85			
e)	1 JOKW 7 6 0 85			
-	(Mal: 12 12 -2 12 2			
2	Cool: a) b) c) d) e)		7	Previous
(a)	Item	Teanslant State	Steady State	State + Current
(4)	72 light fittings			state
			72/ 1 - 2	
-	Single-phase		3-085×100	1202-2000
	3-phase		= 2526.315W	7579KYQ
	3-phase		73 × 100	7.579 Ki
			= 75 7.579kW	
(6)	h Labor 1st		@	
(8)	6 heaters (1p)		% 20x230x2	7.579+
-	tab	~	= 9200W	10.3
-	(34)		20×230×6	
+			= 27.6kw	
		. FrW	¢**	
(6)	3 no. Skwmoter 18	6x 568 = 37.5	5KW = 6.25KW	7.579+
				27-6 + 112-5
	34	6x to = 112.5	15ku = 37.5kw	-14 7.6791
				,
13#)			7.579+27-6+
1)	1 11 KW 0.85	085 × 6 = 77.64	0.85 = 12.941	37.5 + 77.64
			A. J.	= 150.3191ch
2	FARIN - OF	50 x25 = 147.08	0.85 = 58.824	7.579+27.6
1	torw 0-85	9.23	0.83	375 + 12.94
1				+ 147.059
MILE.		= 250kWA selected		= 232-679K

	Previous + current
(1)	₩平式 147.059 FV A
(g)	58-824 + 77-64 = 136-464 KVA
(e)	112.5+ \$ 12.941 + 58824 = 184.265KVA
(19)	27.6+37.5+ 12.941+ 58.824 = 136.865KVA
(10)	7.579+ 27.6+37.5+12.941+58.824 = 144.44KVP
	Seneratur selected = 200 KVA

2)	UPS supports 3-phase soft 150KVA @ 0.8574
	N = 90%
	310 - 465V PC
	nominal V = XVIIV
(0)	Number of cells required: 210
	= 182.35
	~ 183 cells
(6)	current requirement = 150x085 +50x085 150x10x080
	= 456 .989
	=# 457A
(0)	Capacity of each cell = 150×103×0&5
	= 774·13 W
4	
4	