

		SMALL CIRCUITS	NOW	FUTURE	TOTAL LOAD
I	Float 4 colour with "ends off" switch.	8	4 1950±		12,600
	Float spots	2	2 750±		3,000
	Batten 1 4 colour 150w with "ends off" switch	8	2 380±		
68 ways.	Battens 2-8 4 colour 150 w.	28	4 1950±		92,800
	Cyc Top (existing)		28 2900		
	Cyc Top (future extension)		{ 1 12,000 3 8,000 }		36,000
	Cyc Rips and special effect (downstage)		{ 2 12,000 6 8,000 }		72,000
	Special effect (Towers etc)		4 2,250±		20,000
			4 5,000WT		20,000
			8 5,000WT		40,000
II	Upper Circle (10 autos) *		5 2,000W		10,000
	1st tier (26 autos) *		3 2,000W		
			4 1,000W		
			2 3,000W		
			4 2,000W		26,000
72 ways.	Spaces		12 1,000W		
	Spot battens 1 to 16		16 1,500±	27 —	81,000
	Porches. P.O.P.		16 1,500±		32,000
			4 1,500±		8,000
III	Stage Rips P.O.P. 3 colour 1 to 2, 3 to 4 (existing)		24 1,500±		48,000
	" " P.O.P. 5 to 6, 7 to 8 (existing)		12 1,500±		24,000
	independents		8 2,250±		
84 ways.	Fly plugs (** Stages)		48 1,500±		96,000
			3 x 12. Left		
			3 x 4 Right		
			177	47	581,400
					621,400

900 amps per phase

No float is at least 7ft from jobs its light cannot be localised sufficiently to justify 12 dimmers. Switching can cut off the ends for inset scenes.

Ends of Bath 1 are switched to correspond with float in inset scenes. Battens are increased to 150 watt 4 colour to ~~compensate~~ the greatly increased FOH lighting in Full Up scenes.

Dimming units of less than 8 Kw are meaningless both for intensity & speed.

When a real cyclorama production is put on, the bank installed in 1928 when there was no FOH lighting will be quite inadequate, a new bank of 36 Kw left, Centre of light will be essential, even this would have to bear comparison with 160 Kw at the Opera House. Provision is also made to increase the cyc dips to 4 colour and the transformers take any load. They are paralleled down stage for special purposes such as 5 Kw spots; later they can be separated.

There are 16 individual circuits for single spots corresponding to the 16 way spot bar behind the Pros. The remainder are ganged in twos and threes to build up large bodies of light. The ganged circuits are in fact a substitute for 2 and 3 Kw Novos spots at present available. Each of these spaces can take up to 4 Kw, an average of 3 Kw is allowed.

Although 1 Kw is at present in use a 2 Kw spot is likely in the near future. therefore 1500± dimmers are fitted.

The very important down stage dips are all separate circuits, up stage are paralleled in pairs. There are no indep. Rips since on the Console any dip can in fact be independent at will. Indeed any single circuit or group of circuits can be switched independent for dimming or blackouts.

* Fitted with full colour change controls at console and relays on dimmer bank.

** Fitted with colour change controls at console and space for relays on dimmer bank if colour change AAs are required in future.

WRBS WRB
1 2 3 4 5 6 7 8

opop

72

72

41

185

16

169

26

88

76

190

176

1450

100

224

216

169

47

4(8)

4(8)

8(16)

8(16)

