

TRBSE Lighting Specification



Control

The control room is located in the Gallery, to the top and the back of the auditorium, and is equipped with an ETC Ion lighting board and all relevant accessories. If it is useful for a performance, we can move the lighting desk to be next to the sound desk (also in the Gallery), or to the side of the stage.

Dimmers

The Theatre has 134 ways of dimming, plus 23 non-dims:

2.5kW dimmable circuits (16A sockets):

- 72 at stage level
- 36 front of house
- 8 in the auditorium (upper circle)
- 4 in the orchestra pit

5kW dimmable circuits (32A sockets):

- 12 at stage level (each with a splitter to 2 x 16A sockets)
- 2 at follow-spot positions in the gallery

3.5kW non-dim circuits (16A sockets):

- 16 at stage level
- 3 front of house
- 4 in the auditorium (upper circle)

The Theatre Royal is a 16amp venue! Therefore if you are hiring or providing your own LX equipment, please ensure you order either 16amp connections or 16-15amp converters.

Lantern Stock

Fresnels

CCT Starlett 1kW	19
Cantata 1.2kW	7
Patt 743 1kW	11
Alto 2kW	3
Patt 243 2kW	4

Profiles

Cantata 18°-32°	12
Source 4 Fixed Angle	18
Source 4 Junior 25°-50°	9
Source 4 Fixed Angle lenses: 19° x 14, 36° x 9, 50° x 3	

Parcans 22

All parcans normally have CP62 bulbs in them. CP60 and CP61 bulbs are also available – please liaise with the technical team for quantities.

Floods

CCT Starlette 1kW	12
-------------------	----

TRBSE Lighting Specification



Lighting Bars

We usually use our motor bars for flying LX – if necessary we can hang a few light-weight specials from any of the hemp bars.

We have 5 IWBs (each with 12 x 16A circuits) which can be hung from any of the motor bars, and socapex runs down to the dimmer outlets at the side of the stage (stage right). Note that Motor 1 is shorter than the other motor bars, and has a matching (shorter) IWB, which therefore normally stays on that bar!

The motor bars are at the following approximate positions, measured in mm from the front of the normal (proscenium) stage:

Motor 1	1150
Motor 2	2200
Motor 3	3300
Motor 4	4000
Motor 5	4850
Motor 6	6400
Motor 7	7100
Motor 8	7800
Motor 9	8200
Motor 10	9450

Updated: June 2016

Page 2 of 2