

# Lighting

## Lanterns

<b>Identity</b>	<b>Description</b>	<b>Type</b>	<b>Rating</b>	<b>Number</b>	<b>Comment</b>
H016, H110-H114	Pattern 23	Profile	500W	6	H110-H114 have shutters
H030, H031	Minim 26	Profile	500W	2	
H046-H051, H079-H080, H085-88, H115-H116	Source 4 Junior Zoom 25-50	Profile	575W	14	part of universal rig
H103, H104	Source 4 36deg	Profile	575W	2	on rack for specials
H108, H109	CCT Freedom 15-32	Profile	575W	2	
H105	Harmony PC	Spot	500W	1	For use as follow spot
H040 - H043, H076	Pattern 743	Fresnel	1kW	4	
M01 - M04	Pattern 743	Fresnel	1kW	4	fitted with 15A plug
CO02 - CO06	Pattern 743	Fresnel	1kW	5	fitted with 15A plug
H001 - H014	Minulette	Fresnel	650W	14	
H039	Starlette	Fresnel	1kW	1	Sil bodied fresnel like a 743
H052-H057	Par64 - long nose	Flood	1kW	6	
H058-H063, H08, H082	Par64 - short nose	Flood	1kW	8	With yoke for floor mounting
H094-H102	Par56	Flood	500W	8	part of portable tripod stand kit
H044,H089	Garden flood	Flood	500W	2	More on balcony not tested
H045, H077, H078	Portable flood	Flood	150W	3	H078 has long lead
H064-H069	Selecon Lui Cyc	Flood	1kW	6	For apse lighting
H083-H084	4' Fluorescent	Flood	50W	2	With UV tubes
H090 -93	Music Stand lights	special	40W	4	
H106,H107	Paired floods	Flood	500W	2	Paired floods for under stairs front uplighting
H117	Blue flashing light	Special	60W	1	with spare amber cover
	<b>Other</b>				
	Lens bodies for Patt 23			3	
	Swivel arm wall bracket			2	In dimmer room
	12V Birdie with transformer			1	In dimmer room
	Iris for Cantata			2	In dimmer room
	Iris for Patt23			1	
	Iris for Source 4 Junior Zoom			3	
	Gobo holders for Patt 23 and Source 4s				

## GEL STOCK

As at: 30 June 2016

Bold = standard stock colours

<b>Number</b>	<b>Description</b>
<b>136</b>	<b>Pale Lavender/ Surprise Pink</b>
<b>119</b>	<b>Dark Blue</b>
<b>197</b>	<b>Alice Blue (moonlight)</b>
<b>201</b>	<b>Dark Steel Blue 100% CT Blue</b>
<b>202</b>	<b>Mid Steel Blue 50% CT Blue</b>
<b>203</b>	<b>Pale Steel (tungsten to daylight)</b>
<b>132</b>	<b>Medium Blue (HT preferred)</b>
<b>124</b>	<b>Dark Green</b>
<b>139</b>	<b>Primary Green</b>
213	White Flame Green (pale green)
206	1/4 CT Orange
<b>103</b>	<b>Pale Straw</b>
<b>764</b>	<b>Sun Colour Straw</b>
205	1/2 CT Orange - Warm Straw
<b>009</b>	<b>Dark Straw</b>
147	Apricot
010	Medium Yellow
101	Yellow
134	Golden Amber
<b>158</b>	<b>Deep Orange (Amber)</b>
<b>164</b>	<b>Flame Red</b>
182	Light Red (pale red)
<b>106</b>	<b>Primary Red</b>
109	Light Salmon
<b>002</b>	<b>Rose Pink</b>
128	Bright Pink
126	Mauve
<b>253</b>	<b>Hamburg Frost</b>
<b>156</b>	<b>Chocolate</b>
	Assorted Splits

## LIGHTING CONTROL

### Zero88 Fat Frog

The Fat Frog can control up to 48 generic channels, which may be manually or automatically patched to 512 DMX channels. Memories can be recorded as scenes or chases, each with their own fade times and modifiers. Memories may be played back with the cross fade master and the Go button or via the submasters.

#### Features:

- 24/48 dimmer control channels
- 108 submasters (12 per page)

PDF of manual available on request.



## HEADGATE THEATRE LIGHTING - UNIVERSAL GRID SETTINGS

The Headgate has created a set of Universal Grid settings for users who need a quick, simple lighting set-up that provides the basis for most lighting plots. The grid allows for the stage area to be washed in steel (203) and/or straw (103) with zoned front lighting covering left, centre and right both upstage and downstage. A number of primary colour washes can be applied to the stage, the black back tabs and the apse, and can be mixed to give virtually all hues.

If you need to move, repatch or re-colour any lanterns that are part of the Universal Grid, **you must return them to their normal state before you leave the theatre.** You can supplement the Universal Grid with additional lanterns but you should de-rig any specials, gobos, irises and adapters, and return them to the lantern rack and the dimmer room.

Channel	Description	Circuit	Colour	Note
1	DSR front	6+43		2 off Source 4 profiles back bar
2	DS Centre front	15+42		2 off Source 4 profiles back bar
3	DSL front	5+16		2 off Source 4 profiles back bar 2 off Source 4 profiles front bar
4	USR front	26+49		2 off Source 4 profiles front bar
5	US Centre front	28+51		2 off Source 4 profiles front bar
6	USL front	9+27		2 off Source 4 profiles front bar
7	Front wash Steel	14+55	203	2 off 743 fresnels
8	Back wash Steel	69+83	203	2 off 743 fresnels
9	Front wash Straw	29+ 54	103	2 off 743 fresnels
10	Back wash Straw	96+97	103	2 off 743 fresnels
11	Apse back light	105+108	103	2 off minuettes
12	Centre stage back light	92	136	minuette
13	Front fill wash	8	103	Starlight fresnel
14	Choc wash	11+37	156	2 off 743 fresnels
15	Side wash	36+62	197 Alice Blue	2 off 743 fresnels
16	Red Par Wash	33+58	106 Primary Red	2 off Long-nosed Par64s
17	Blue Par Wash	34+59	132 Medium Blue	2 off Long-nosed Par64s
18	Green Par Wash	35+60	124 Dark Green	2 off Long-nosed Par64s
19	Back Tabs Blue	85+99	132 Medium Blue	2 off Short-nosed Par64s
20	Back Tabs Red	72+100	106 Primary Red	2 off Short-nosed Par64s
21	Apse Green	86	124 Dark Green	Lui floods
22	Apse Blue	87	132 Medium Blue	Lui floods
23	Apse Red	89	106 Primary Red	Lui floods
24				

**NOTE** Channels 43-46 are Non-dim channels for fluorescents, motors, etc

## HOUSELIGHTS OPERATION

We have upgraded our houselights. The houselights are now only operated by the lighting desk using the faders on channels 55-60 (the wing workers are on channel 60) but you do not have to switch anything else on in the dimmer room downstairs.

There are 5 zones:

auditorium seats left and right  
wall wash left and right  
wings (blue working light)  
centre stairs. The stairs have a set low light level as before for safety during a show.

To operate:

1. Switch on the Houselights Power switch which is on the far end wall of the control gallery.
2. Switch on the lighting desk and put up the master faders.
3. Operate the houselights using the marked faders for channels 55-60 as required. Note: It is suggested for ease of operation that, for those who know how, the houselights are programmed to a sub-master.
4. To switch off, turn off the Houselights Power switch and then the desk.

Note: **Always check they are dimming before you run your show.** The houselight dimmer pack has a DMX hold function which means that it retains the last state. So if the last user did not dim to zero before switching off the desk the houselights can be latched on ie they won't dim. If the houselights do not dim, just take out the faders and then, while the desk is on, power the supply off and on again.

If you have problems please contact the Headgate Rep or Martin on 07771 878200