

LIGHTING EQUIPMENT LIST

THE FLYING DUTCHMAN

OPERA ØSTFOLD

17th August 2020

THIS LIST IS PROVISIONAL AND SUBJECT TO CHANGE.
PRODUCTION ELECTRICIAN LIST TO FOLLOW

LIGHTING DESIGNER

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PROGRAMMER

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PRODUCTION ELECTRICIAN

N.N.

PRODUCTION MANAGER

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- **ALL MATERIALS AND CONSTRUCTION MUST COMPLY WITH THE MOST STRINGENT APPLICABLE NATIONAL AND LOCAL FIRE AND SAFETY CODES. ALL DRAWINGS AND THIS ORDER REPRESENT VISUAL CONCEPTS AND CONSTRUCTION SUGGESTIONS ONLY. THE DESIGNER IS UNQUALIFIED TO DETERMINE THE STRUCTURAL APPROPRIATENESS OF THIS DESIGN AND WILL NOT BE RESPONSIBLE FOR IMPROPER ENGINEERING, CONSTRUCTION, HANDLING OR USE OF THE LIGHTING EQUIPMENT.**
 - **ABSOLUTELY NO SUBSTITUTIONS OR ALTERATIONS IN MATERIALS OR METHODS WILL BE ACCEPTABLE, UNLESS SPECIFICALLY APPROVED BY THE DESIGNER.**
 - **ANY REVISIONS OR SUBSTITUTIONS MUST BE FULLY DISCLOSED AT TIME OF BID. NO SUBSTITUTIONS WILL BE ACCEPTED WITHOUT THE PERMISSION OF THE LIGHTING DESIGNER OR ASSOCIATE LIGHTING DESIGNER**
 - **SUPPLIER WILL ASSUME RESPONSIBILITY FOR CONVENTIONAL LAMP REPLACEMENT FOR THE DURATION OF THE RENTAL.**
 - **THE PRODUCER ASSUMES RESPONSIBILITY FOR MOVING LIGHT AND FOLLOW SPOT SCHEDULED LAMP REPLACEMENT FOR THE DURATION OF THE RENTAL, PROVIDING THAT ALL DISCHARGE LAMPS ARE BRAND NEW FROM THE START OF THE RENTAL.**
 - **PLEASE BREAKDOWN QUOTE AS FOLLOWS :**
 - EQUIPMENT RENTAL**
 - SEPARATE LINE ITEMS FOR POSSIBLE PURCHASES**
 - ESTIMATED PERISHABLES COST**
 - DELIVERY / FREIGHT CHARGES**
 - **SUPPLIER ASSUMES RESPONSIBILITY FOR ANY ADDITIONAL MATERIALS THAT ARE REQUIRED ON SITE DUE TO RENTAL SHOP OVERSIGHT OR ERROR.**
 - **ENTIRE PACKAGE IS TO BE MADE READY BY SUPPLIER AND IS TO INCLUDE ALL CONNECTORS, CABLES, CONTROLS, FRAMES, ETC. SO AS TO COMPRISE A COMPLETE WORKING SYSTEM.**
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GENERAL NOTES

1. All units are to be supplied with appropriate lamp, gel frame, hanging hardware, and lamp safety. Any discharge units including Follow Spots and Moving Lights to be supplied with **brand new lamps** (including spares).
2. All **gel frames** should be **painted flat black** (front & back) unless otherwise noted.
3. All hanging hardware, trussing, and safety equipment should be **painted flat black** unless otherwise noted.
4. **Provide spare lamps** for each type of unit, as per Production Electrician.
5. All hardware, perishables, cable lengths, dimmer configuration and power distribution requirements as per Production Electrician.
6. All equipment to be supplied in suitable flightcases as per Production Electrician

GENERIC

- 20 Elation Sixpar 300 IP65
- 62 SGM P-5 LED floods (incl. 2 spare units)

MOVING LIGHTS

- 19 Robe BMFL Blade (incl. 2 spare units)
- 62 Clay Paky Sharpy Wash 330 (incl. 2 spare units)

FOLLOW SPOTS

- 3 Robert Juliat Lancelot with stands

All of the above with necessary cables, connectors etc. for a complete working system

COLOURS

Provide L201, L202, L161, L204, L205, R03 (Rosco Supergel), R132 (Rosco Supergel)

SMOKE

- 3 Unique Hazer
- 2 Look Viper Smoke Machine
- 4 External Fans for above

SET ELECTRICS

60m of LED strip for scenic masts. Exact placement to be confirmed with Set Designer.
20m of LED strip for Circle Truss.
40m of LED strip for circular stage.

CONTROL

- 1 MA Lighting grandMA2 Light Console running latest software
- 1 MA Lighting grandMA2 Light as a Back Up
- 2 19" TFT Screens for the Main Desk (DVI)
- 2 19" TFT Screens for the Backup Desk (DVI)

Network:

Adequate number of MA NPU (Network Processing Unit) for the lighting rig, incl. spares (as per production electrician) - at least 2 (1 active + 1 spare).

Adequate number of 1Gbit Ethernet switches to connect consoles and NPUs (as per production electrician)

Adequate number DMX Splitters (as per production electrician)

Adequate number of UPS's for Ethernet switches and NSP's (as per production electrician)

CABLE / TOWERS / ACCESS / RIGGING

As per Production Electrician

DIMMING

As per Production Electrician

FOR PRODUCTION PERIOD ONLY

- 2 19" TFT Screens (Associate)
- 2 DVI Splitters for Designer/Associate Screens
- 2 DVI Cables from Desk to Design Table

END