

# TECHNICAL RIDER



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ENTENTE  
DU DÉVELOPPEMENT CULTUREL  
Québec

Photo: Emmanuel Burrel

## SHOW DESCRIPTION

*Ghostlight – Between Fall and Flight* is a 60-minute contemporary circus show featuring a circus artist duo as they perform on their teeterboard. The streamlined set, composed of a cyclorama on which to display the projections and a protective mat, showcases the relationship between the artists as they work their magic on this unique teeterboard that has been specially modified to swivel full circle at 360°. The soundtrack is developed based on sounds, captured live by microphones positioned on the board and worked up as an original composition. The tour team is composed of 2 circus artist performers, 1 musician/soundperson and 2 technicians/support staff (see details on p. 8).

## MACHINE DE CIRQUE (hereinafter “the Company”) CONTACTS

**Diffusion:**

Émilie Fournier  
+1-833-624-7783 ; 707 (Canadian number)  
[diffusion@machinedecirque.com](mailto:diffusion@machinedecirque.com)

**Technical director :**

Bruno Matte  
+1 (418) 576-3247 (Canadian number and WhatsApp)  
[Bruno.m@machinedecirque.com](mailto:Bruno.m@machinedecirque.com)

**This technical rider lists all of the technical requirements for optimal presentation of the “*Ghostlight – Between Fall and Flight*” show.**

**If the venue considered for the show does not meet all of the technical requirements listed in this document, the Organizer is asked to contact the Company to discuss any adaptations that may be possible.**

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## STAGE

### Minimum Stage dimensions

Width:	9 m (30') (plus 2 m / 6'6" of wings on both sides), 13m (43') wall to wall
Depth:	8 m (26') from the proscenium to the cyclorama
Height:	5.5 m (18') under the battens and clear of any obstacles

Note: the mat under the teeterboard measures 7.60 m (25') in diameter, possible to bring it down to 6,1m (20') in diameter.

### Minimum proscenium arch dimensions

Width:	8 m (26')
Height clearance:	5.5 m (18') clear of any obstacles

Contact the Company if the stage dimensions are smaller.  
It may be possible to adapt the show, specially if the Stage Depth include a proscenium.

## STAGE CURTAINS AND DRAPES

Black proscenium curtains and drapes including:

- A white cyclorama – *provided by the Company*
- 5 Legs and 5 borders in accordance with the light plot

## FLOOR

The stage floor **MUST BE PERFECTLY EVEN** (with no visible seams), solid, and have no rake across the entire surface.<sup>1</sup> If the floor is slightly irregular, use black dance flooring (Marley PVC) to level it out.

The floor must have a work load of 500 kg/m<sup>2</sup> where the base of the teeterboard rests. A minimum safety factor of 1.2 for the floor breaking load (min. breaking load = 615.2 kg/m<sup>2</sup> at this location) is required. In comparison, the required work load roughly corresponds to *National Building Code of Canada* requirements for an office or warehouse floor.

**If you can use a lift truck on the stage, it is solid enough for the Company's purposes. If this is not the case, some reinforcement may be required where the teeterboard's base will rest.**

The floor must be a hard surface (wood, linoleum or other similar material). The entire stage, including the wings, crossover and backstage areas must be clean and clear of any obstacles. A storage space of approximately 6 m (20') x 3 m (10') is required for the road cases. Under carpet wiring channels are required to cover ground wiring.

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<sup>1</sup> Contact the Company if the stage has a slight rake (proscenium-style). In certain cases, the show can be presented on this type of stage, but this significantly increases setup and rehearsal times.

## **AUDIENCE SEATING**

Facing the stage (proscenium-style)<sup>2</sup>

## **CONSOLE**

### **Theatres**

The console must be located in the room. There must not be any glass or other screens between the console and the stage. A full, unobstructed view of the stage from the console is essential to the smooth running of the show.

### **Arenas and outdoor shows**

The console must be centred with the stage so as to provide a good overall view of the entire stage area. It must be installed on a platform of the following dimensions:

Height: 1 m (3')

Width: 4.9 m (16')

Depth: 2.4 m (8')

The console must be located at a distance of approximately 23 m to 30 m (75' to 100') from the stage.

This area must be protected by a safety barrier and an on-duty security guard at all times.

## **HEATING AND VENTILATION**

Heating and ventilation must be adjustable at the request of the Company. A temperature of 20°C (68°F) must be maintained on stage both before and during the performances. If the Organizer cannot control the temperature and it is too extreme, the show may be modified by the Company for health and safety reasons.

## **CLEANING**

The performers require a totally clean space in which to work. The performance area must be cleaned and dried one hour ahead of call time before each show. The surrounding areas, namely the first row at stage level (if applicable), wings, crossover, backstage and dressing rooms, must also be clean. Large garbage cans must be located on both sides of the stage and emptied as required.

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<sup>2</sup> Contact the Company if your stage is not proscenium-style. In some cases, the show can be adapted for other audience seating layouts.

## **WINGS AND BACKSTAGE AREA**

### **The Organizer will provide:**

- A potable water cooler or a source of potable water must be available in the wings and backstage areas during the shows.
- Bathrooms (at least two) must be accessible from the wings and backstage during the shows.
- A table stage left and a table stage right must be set up for the accessories.
- A box of facial tissues must be placed on each accessory table.

## **COSTUMES**

### **The Organizer will provide:**

- A wardrobe attendant to wash and dry the Company's costumes and make any necessary repairs. Costumes must be machine washed, air dried and ironed upon the Company's arrival and between shows. They must also be dry upon the Company's departure.

## **SOUND**

### **The Organizer will provide:**

- A professional sound system powerful enough to cover the entire room (Line Array-type or other similar sound system approved by the Company). The system must be stereo, with separate bass cabinets, and capable of delivering 100 dB of distortion-free front-of-house sound pressure level.
- 5 powered speaker cabinets for multichannel audio (5.0)
- Audio cables for the 5.0 speaker cabinets
- 5 tripods for powered speaker cabinets
- 2 Side-fills monitors
- 2 tripods for side-fills monitors
- 4 AKG PCC160 (or equivalent Shure Beta91a or Sennheiser e912) surface-mounted microphone
- 1 Talkback microphone Shure SM58 (or similar) at the console

### **The Company will provide:**

- 1 MacBook Pro with Qlab5 audio software
- 1 Behringer X32 Producer Audio Console
- 4 Jack ¼ to XLR audio cables

## **INTERCOM**

### **The Organizer will provide:**

An intercom system that includes 4 wireless audio headsets is required to ensure fluid communication between the stage, the console and the users. *The stage headset must be wireless.*

## LIGHTING

(see Appendices A to I)<sup>3</sup>

**Lights must be hung before the Company's arrival. The equipment must be 100% functional and ready for focus at ground level upon arrival of the Company's team. Equivalent and LED substitutions are possible.**

### The Organizer will provide:

- 4x Moving Light equipped with Shapers ;
- Exemple : ClayPaky Axcor Profile 600, Ayrton Khamsin, Chauvet Maverick MK2 Profile, etc...
- \*Please communicate with the Company Technical Director for an approbation of the model
- 9 x RJ 613 SX (or equivalent)
- 6 x RJ 614 SX (or equivalent)
- 1 x RJ 713 SX (or equivalent)
- 4 x RJ 714 SX (or equivalent)
- 26 x PC 1kW
- 1 x PC 2kW
- 5 x PAR64 CP61 (or equivalent)
- 11 x PAR64 CP62 (or equivalent)
- 18 x Cyc lights 1kW (LED option possible)
- 1 x MDG Atmosphere haze machine
- 4 x 2.5 m ladders
- 4 x floor plates
- 83 x dimmers
- Gel sheets (the list is provided with the lighting plan)

### The Company will provide:

- Ghostlight (#93)
  - Valet (#96)
  - Rolling plate pour Shadows (#94)
  - 1 GrandMa2 Command Wing Console
- } Filament bulbs each requiring a dimmer (see plan)

## MACHINERY

The Organizer must provide the machinery required to focus the lighting (must reach the battens at 9 m/29'5") and set up the equipment that must be mounted high off the ground.

**All machinery must be available and operational throughout the event (setup, show, teardown).**

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<sup>3</sup> The lighting plan and the required equipment are subject to adjustments according to availability. Substitutions are possible, please contact the Company to discuss the various options.

## **TOUR STAFF TEAM**

The Company's tour staff team is composed of:

- 2 performers
- 1 sound technician
- 1 technical director/lighting technician
- 1 tour director or 1 machinist (on occasion, based on tour schedule requirements)

The number of technicians provided by the Company may vary based on the event and must be confirmed on a case-by-case basis.

## **TRANSPORTATION OF EQUIPMENT**

### **Access for the truck**

The venue loading dock must be cleared of any obstacles and fully accessible by the truck. Should there be any traffic-related restrictions that would prevent the truck from accessing the venue, the Organizer will undertake the necessary steps to obtain access authorization.

### **Unloading**

The unloading area must be at least 2 m (6'6") wide and 2 m (6'6") high. If there are any stairs, access ramps will have to be installed. Contact the Company if in doubt.

### **Elevator**

In the event that the venue is accessed by an elevator, the size of the elevator must be capable of containing a road case measuring at least 335 cm (11') by 100 cm (3'3"). If the elevator is too small, alternative access will be required.

## **PARKING**

The Organizer must provide 2 parking spaces free of charge near the venue for the Company's vehicles:

- one parking space for the team's vehicle (1 minivan);
- one parking space for a cube truck (approximately 20 feet or a 30m<sup>3</sup> straight-body truck) for the equipment.

## **SCHEDULING AND LOCAL STAFFING REQUIREMENTS**

(See *Sample Schedule* - page 11)

The show is designed so that set and equipment setup and teardown can be carried out on the day of the show if the lights are hung on the previous day. Setup time is approximately 8 hours and teardown is approximately 2 hours depending on the loading time.

Please note that two shows cannot be presented on the same day.

A detailed schedule will be provided to the Organizer at least 14 days before the first show. The Organizer must approve the schedule submitted by the Company and confirm the labour that will be provided at least 7 days before the first show.

**It is essential that the technical staff provided by the Organizer be qualified and competent. They must also be punctual; otherwise the Company cannot guarantee that the first show will start on time.**

### **Preparation (BEFORE the Company's arrival)**

In order to be able to put on a show on the day of the Company's arrival, the following preparations must have been completed by the Organizer.

#### Lighting<sup>4</sup>

Lights must be hung before the Company's arrival at the venue, in strict compliance with the lighting plan presented in Appendices A to I.

**The equipment must be 100% functional and ready for focus at ground level upon arrival of the team. The goal is to perform a pre-adjustment before the sets are installed.**

The Organizer may use the number of technicians deemed necessary to complete preparations before the Company's arrival. However, the Organizer must comply with the Company's specifications listed below regarding personnel required during setup, teardown and shows.

#### **Setup**

The Organizer agrees to provide the technical team with at least 7 experienced and multi-skilled technicians (**NO VOLUNTEERS**) to set up the lighting and sound equipment as well as the sets starting at 9:00 a.m. and for at least 8 hours.

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<sup>4</sup> Contact the Company if the lights cannot be hung prior to the Company's arrival.

## **Show day**

### Machinist and flyperson at the show

The Organizer agrees to provide a stagehand and a flyperson who are very familiar with the venue and house equipment for the wiring and the performances. For multiple shows, the Organizer will ensure that the same two people will be assigned to all of the shows.

The stagehand will have specific tasks to perform during the show. A rehearsal is therefore to be scheduled with the Company's tour team before the warm-up.

### Warm-up

The artists warm up on stage with the teeter board.

### Stage manager

The Organizer will provide a stage manager who is very familiar with the venue and house equipment: 3 hours before the show and 1 hour after the show.

### Wardrobe attendant

The wardrobe attendant provided by the Organizer must respect the following schedule:

- First show:  
Arrive at the same time as the artists for the setup (2 hours) and stay after the show (2 hours).
- Subsequent shows:  
Arrive after the show (for 2 hours).

## **Teardown**

The Organizer will provide 7 technicians for teardown and truck loading (approximately 2 hours). The stage must be free of any obstacles that could hinder teardown. Also, the 7 technicians in the Organizer's technical team must be fully dedicated to tearing down the Company's equipment.

## **Show length**

Approximately 60 minutes with no intermission.  
Teardown begins 15 minutes after the end of the last show.

## **Sample schedules**

- 8:00 p.m. show WITH setup and teardown the same day, refer to page 11.
- 8:00 p.m. show WITHOUT setup and teardown, refer to page 11.

SAMPLE SCHEDULE – <i>GHOST LIGHT</i>							
			Local Team				
			LX	SOUND	STAGEHAND	FLY	WARDROBE
D-1		Light and sound pre-installation	At the Organizer' discretion				
		<b>Lights must be hung, functional and ready to be focused, and hooked up to the house lighting console upon the Company's arrival</b>					
D-Day	9 a.m. - 12 p.m.	Installation LX/SOUND/Company cyclorama	3	1	2	1	1
		Start LX focus					
		Install teeter board (and marking of the mats)					
		Install accessories					
		Clean costumes					
		12 p.m. - 1 p.m.	LUNCH BREAK				
	1 p.m. - 5 p.m.	End focus - Mats installation - SOUND volumes	3	1	1	1	
		Run through / Cue-to-cue					
	5 p.m.	DINNER BREAK					

	- 6 p.m.					
	6 p.m. - 7:30 p.m.	Warm-up - Show conditions	1	1	1	1
	7:30 p.m.	Audience entrance				
	8 p.m.	Show				
	9 p.m.	End of show				1
	9 p.m. - 11 p.m.	Company equipment teardown	3	1	2	

<b>The stage must be washed and dry 1 hour before the artists arrive.</b>						
<b>Show call only</b>	6 p.m. - 7:30 p.m.	Warm-up - installation	1	1	1	1
	7:30 p.m.	Audience entrance				
	8 p.m.	Show				
	9 p.m.	End of show				1

Please provide qualified and experienced technicians.  
Machine de Cirque and the entire team thank you.

## **DRESSING ROOMS**

The Organizer will provide a large 5-person capacity dressing room (or rooms). The dressing room must be equipped with mirrors and adequate lighting for makeup and include wash cloths and chairs. A minimum room temperature of 20°C (68°F) must be maintained at all times. Access to the stage, bathrooms and showers from the dressing room must be quick and easy.

Also required are wireless Internet access (Wi-Fi), bags of ice, a microwave oven and a first aid kit. The Organizer will also provide the contact information of a good massage therapist and physiotherapist/osteopath.

## **CATERING**

### **The Organizer will provide the following items for 5 people:**

- Milk
- Real fruit juice
- Assorted fresh fruits and vegetables (crudités)
- Two “baguette”-style bread loaves
- Cold cuts (local varieties, if available)
- Cheeses (local varieties, if available)
- Yogurt (assorted)
- “Healthy” granola bars
- Nuts (no peanuts)
- Dried fruit
- Dark and milk chocolate bars (peanut-free)
- Kombucha
- Coffee
- Tea
- Beers after the show (local varieties, if available)

Items must be refrigerated, as required.

Catering must be made available to the Company's team in the dressing room.

**All catering items must be ready upon arrival of the Company's technical team at the venue and available during setup and teardown, as well as during rehearsals and shows.** accommodations and meals

The "Rooming List," which also includes the list of allergies and dietary requirements of the Company's team, is sent to the Organizer one month before the first show.

The Organizer must provide a list of restaurants near the venue and/or accommodations that are open in the afternoon and/or evening for meals between or after shows.

## OUTDOOR VENUES & TENTS

Please contact the show's technical director for further information or adaptation options

### Overall

*Ghostlight* is a show where lighting effects / backstage manipulations are important to create illusions. We hope to provide as much of the lighting experience as possible to your audiences.

For outdoor performances, the ideal presentation time will be after sunset.

### Technical aspects

- **An after sunset, day-prior load-in/tech to first show is necessary.**
- With the exception of the white cyc that is MANDATORY to the show, the same technical requirements are requested and can be adapted.
- A structure above the stage is essential to hang the lights and cyc.
- The showcall local staff requirements can be reevaluated depending on the particularities of the location.
- In case the structure does not allow the lineset to move during the performance, the white cyc needs to be hung on a pipe and on a pulley system in order to accommodate an emergency take down in case of strong winds.
- If no black softs (legs/borders) can be hung to create wings, multiple 10' high black panels can be used.
- Plastic tarps and storage should be available for overnights and bad weather.

### Sound

As per the rider, Presenter provides multiple, pre-amplified speakers for the surround-sound experience. With outdoor performances, the Presenter will provide protection from the elements for these speakers.

**SIGNATURE**

In the event that the Organizer considers any of the clauses herein to be problematic, the Organizer must contact the Company's technical director without delay (and before signing the technical rider) to discuss the Organizer's particular situation.

The Organizer agrees to send a complete list of the sound and lighting equipment that will be made available to the Company and its technical team, and to send a technical drawing of the venue in WYSIWYG (.wyg) or Autocad (.dwg) format by email to:

- [diffusion@machinedecirque.com](mailto:diffusion@machinedecirque.com)
- [Bruno.m@machinedecirque.com](mailto:Bruno.m@machinedecirque.com)

**no later than 30 days before the date of the first show.**

The Company's technical director must approve the technical rider of the venue provided by the Organizer so as to ensure the smooth running of the show(s). The Organizer agrees to fulfill all of the Company's technical requirements (as described herein) and, if applicable, cover the costs incurred to rent, lease or purchase any equipment required to fulfill these requirements.

This document is an integral part of the contract entered into between the Company and the Organizer. Failure to abide by this technical rider in any way or form would constitute a breach of contract and compromise the Company's ability to perform on stage.

This technical rider must be signed and returned by email to [diffusion@machinedecirque.com](mailto:diffusion@machinedecirque.com).

Read, understood and approved by (name in uppercase letters): \_\_\_\_\_

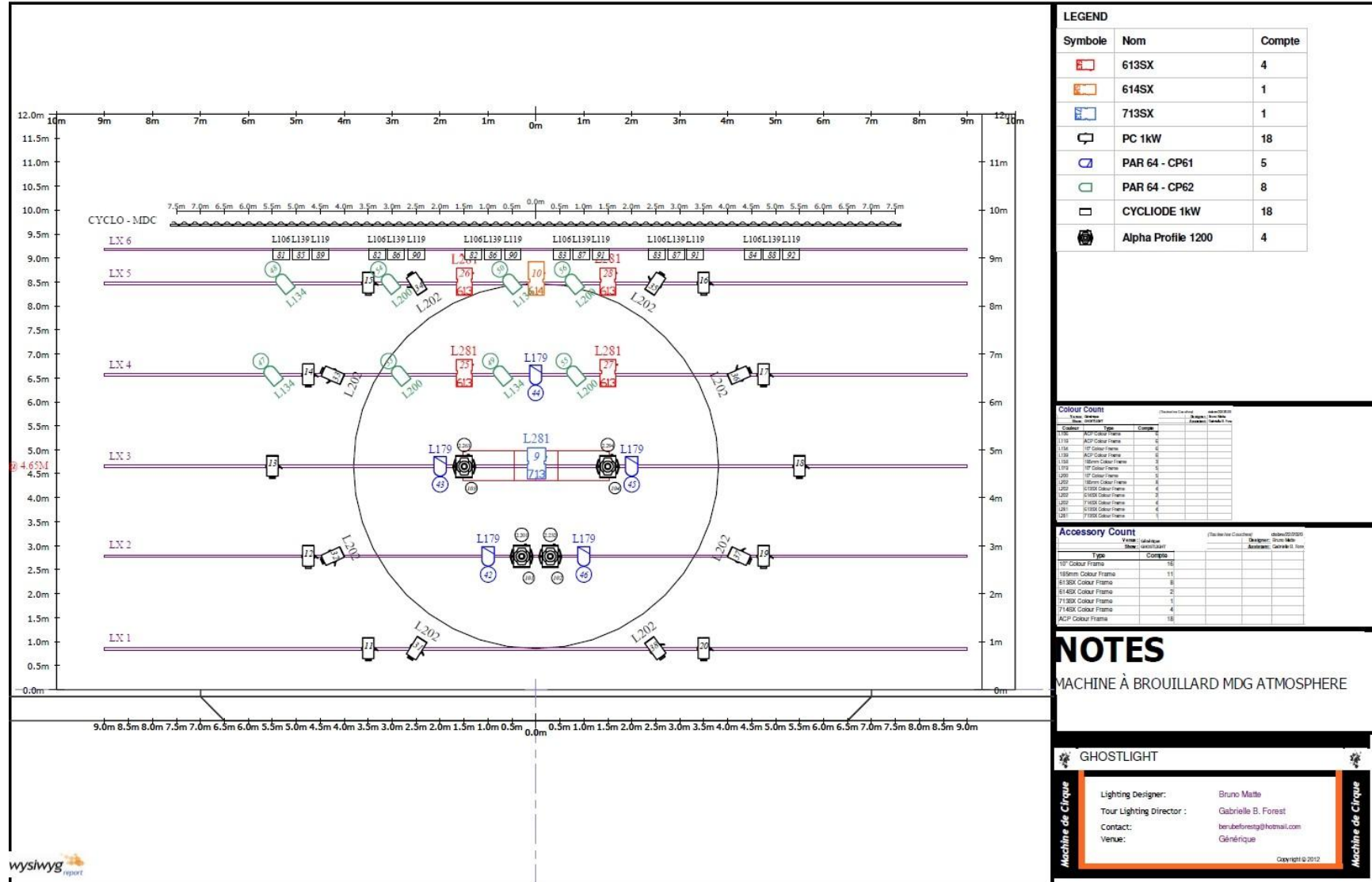
Organizer/Name of venue: \_\_\_\_\_

Signature:

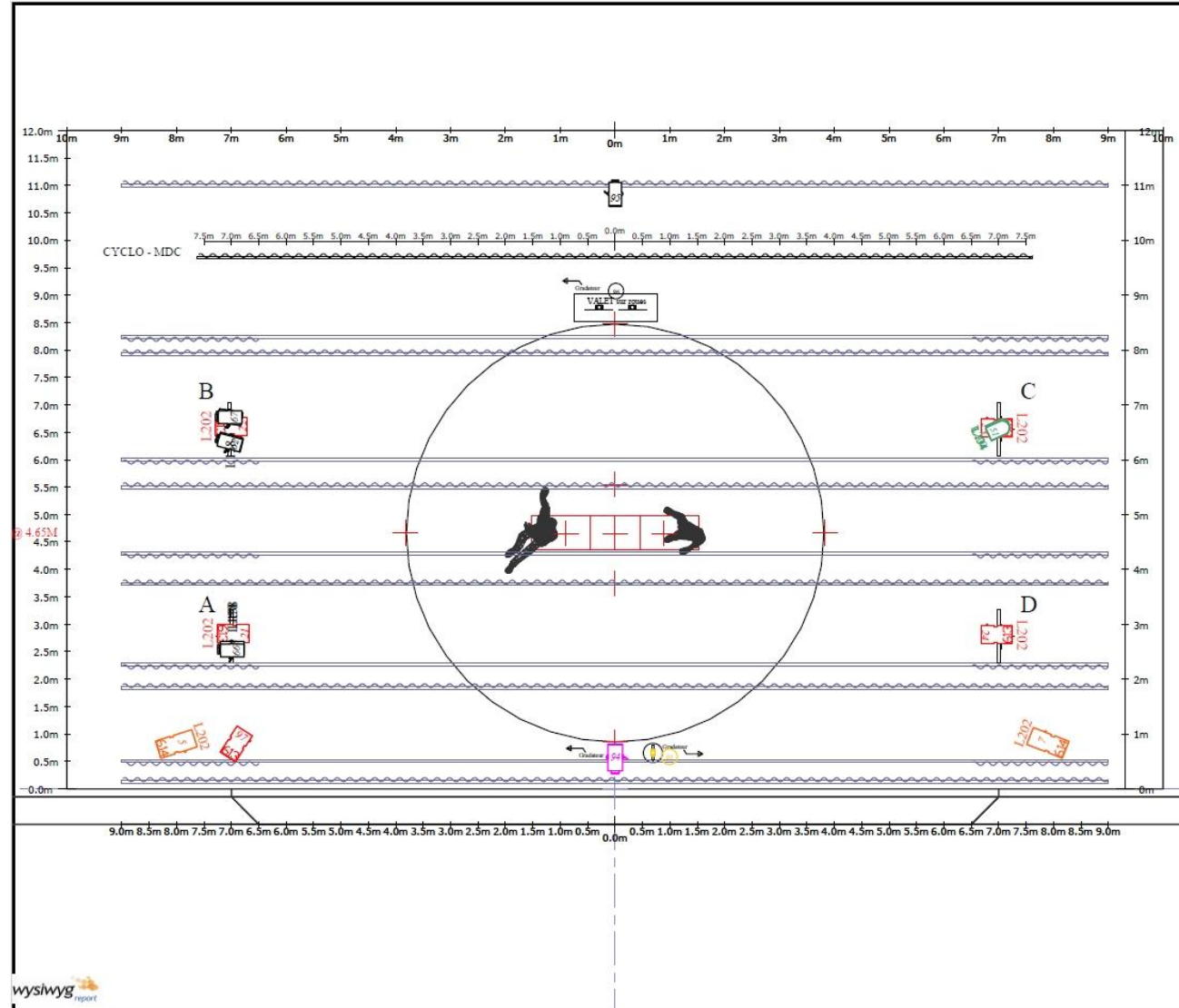
Date: \_\_\_\_\_



Appendices



Appendices



**LEGEND**

Symbole	Nom	Compte
	613SX	5
	614SX	2
	PC 1KW	8
	PC 2KW	1
	PAR 64 - CP62	3
	AMPOULE 200w - MDC (GRADATEUR)	2

**Colour Count**

Code	Type	Compte
L101	ACP Colour Frame	4
L110	ACP Colour Frame	4
L136	107 Colour Frame	4
L138	ACP Colour Frame	4
L139	108mm Colour Frame	3
L141	107 Colour Frame	3
L200	107 Colour Frame	3
L201	108mm Colour Frame	4
L202	107 Colour Frame	4
L203	108mm Colour Frame	2
L204	107 Colour Frame	4
L205	108mm Colour Frame	4
L206	107 Colour Frame	1

**Accessory Count**

Type	Compte
107 Colour Frame	16
108mm Colour Frame	11
613SX Colour Frame	5
614SX Colour Frame	2
713SX Colour Frame	1
714SX Colour Frame	4
ACP Colour Frame	18

**NOTES**

MACHINE À BROUILLARD MDG ATMOSPHERE

**GHOSTLIGHT**

Lighting Designer : Bruno Matte  
 Tour Lighting Director : Gabrielle B. Forest  
 Contact : benubforest@hotmail.com  
 Venue : Générique

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Appendices

**A**

**B**

**C**

**D**

**LEGEND**

Symbol	Name	Count
	613SX	4
	PC 1kW	7
	PAR 64 - CP62	3

**Color Count**

Color	Count
Red	4
White	7
Green	3

**Accessory Count**

Accessory	Count
10' Color Frame	10
100mm Color Frame	11
100mm Color Frame	8
100mm Color Frame	4
100mm Color Frame	1
100mm Color Frame	4
100mm Color Frame	10

**NOTES**  
MACHINE À BROUILLARD MDG ATMOSPHERE

**GHOSTLIGHT**

Lighting Designer:	Benoit Maitte
Assistant Lighting Designer:	Gabrielle Girouard-Forest
Version:	Général (g)

Date: 10/08/2024

Appendices

