



[Ver.2024-11-06]

조명 기술 정보 안내

LIGHTING TECHNICAL INFORMATION

대학로예술극장

DAEHAKRO Arts Theater

대극장

Main Hall



CONTENTS

I. 전원 및 제어 시스템 Power & Control System

1. 전원 시스템 Power System
2. 제어 시스템 Control System

II. 조명기자재 현황 Light Equipment

1. 콘솔 Console
2. LED 라이트 LED Light
3. 일반조명기 General Light
4. 포그머신 Fog Machine
5. 악세서리 Accessory
6. 공용장비 Common Equipment

III. 조명 설치 장소 Lighting Hanging Position

1. 무대 Stage
 - (1) 주무대 Main Stage
 - (2) 후무대 Rear Stage
 - (3) 측무대 Side Stage
2. 객석 Auditorium

IV. 기타사항 Etc.

1. 컬러필터 리스트 Color Filter List
2. 무빙라이트 고보 리스트 Moving Light Gobo List
3. 기타 참고 사진 Other Reference Photo

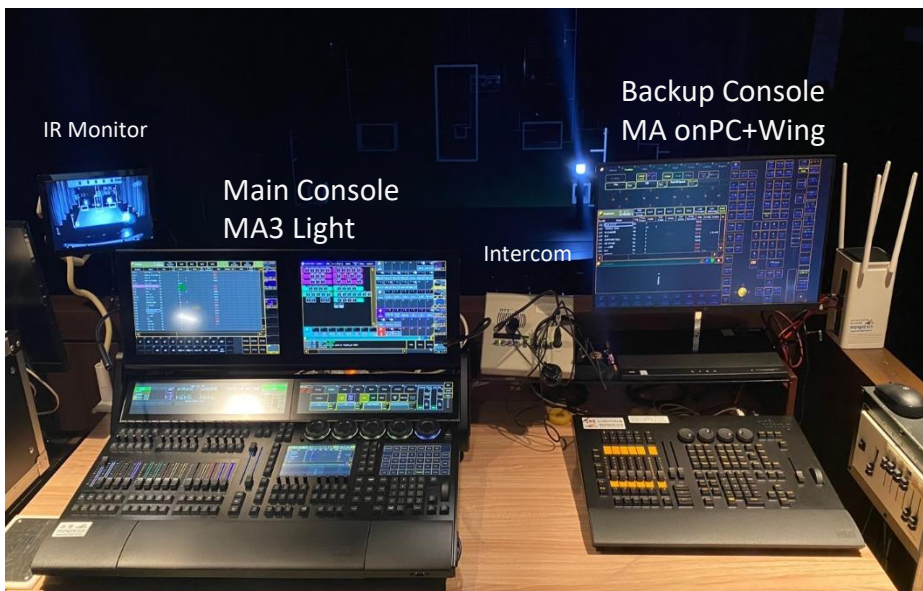
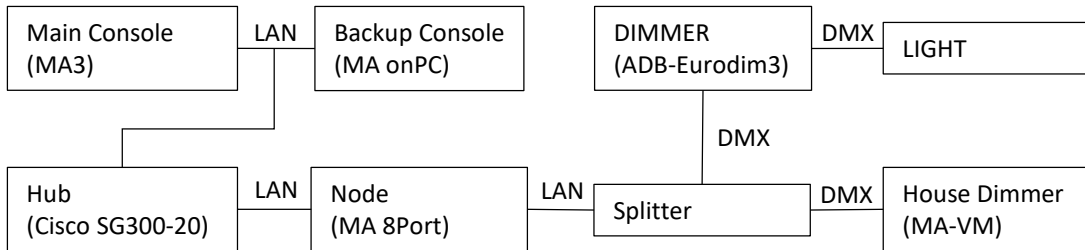
I. 전원 및 제어 시스템 Power & Control System

1. 전원 시스템 Power System

- Dimmer System : **ADB EURODIM3 (450ea)** 220V/60Hz 5Kw
MA-VM(9ea) House Light
- Remote Direct : **Switch (46ea)** 220V/60Hz 5Kw
Dim/Remote Direct Switch (71ea)

2. 제어 시스템 Control System

- Signal System : Universe – 8ea (XLR5pin)
 *A Port : Dimmer (Ch 001~450)
 House Light (Ch 501~509)
 Control Room (Ch 510)





II. 조명기자재 현황 Light Equipment

1. 콘솔 Console

Item	Company	Model	Watt	Weight	Quantity	Remark
Main Console	MA Lighting	Grand MA3 Light	300 va	33 kg	1	Ver.3.9.60.45
Backup Console		onPC Command wing	40 w	6 kg	1	

2. LED 라이트 LED Light

Item	Company	Model	Watt	Weight	Quantity	Remark
Moving Spot	AYRTON	KHAMSIN-S	1,150 w	39.8 kg	13	Standard 42ch
						Basic 40ch
						Extend 64ch
Moving Wash	ROBE	ROBIN 600	415 w	10.6 kg	15	Mode1~6 11~45ch
		ROBIN 1200	680 w	18.6 kg	4	Mode1~6 11~45ch
Bar		ROBIN TETRA2	600 w	18.1 kg	13	Mode1~6 34~128ch
Spot	ETC	LED Series 3 50°	340 w	8.9 kg	26	Mode1~5 1~12ch
		LED WRD CE Kit	175 w	1.7kg	11	
Fresnel		LED Fresnel	340 w	4.2 kg	11	Adeapter
Flood	SGM	Q7	465 w	8.1 kg	2	Mode1~7 3~10ch



3. 일반조명기 General Light

Item	Company	Model	Watt	Weight	Quantity	Remark
P•C		C201		12.6 kg	18	
Fresnel	ADB	F201	2,000 w	9.6 kg	30	
Zoom Profile		DVW205 (30°~54°)		21.3 kg	6	Installed 2CL
		DS205 (13°~36°)		20 kg	6	
PAR	KUPO	Par64	1,000 w	2 kg	77	CP61/CP62
		Par46	28 v / 250 w	1 kg	8Set	1Set-8ea
S-4	ETC	Body		-	50	
		26°		6.3 kg	15	
		36°		6.3 kg	38	
		50°	750 w	6.3 kg	35	
		Zoom 15°~30°		9.5 kg	16	Installed 1CL 15ea Balcony 6ea
		Zoom 25°~50°		7.6 kg	40	
Flood	KOREA	QCU-2	500 w	2.5 kg	20	
Follow Spot	USHIO	XENON 2008 SR	2,000 w	51 kg	2	Installed 2CL

4. 포그 머신 Fog Machine

Item	Company	Model	Watt	Weight	Quantity	Remark
Fog Machine	KAI SHINE	LFA-T2	1,500 w	17.9 kg	2	Haze
	ANTARI	Z-300 III	2,500 w	19.1 kg	1	Heavy
Fan			2			



5. 악세서리 Accessory

Item	Model	Spec	Quantity	Origin	Remark
Iris	Source Four	400RS	10	ETC	Only for Source Four
	ADB		6	ADB	
Stand	Low	65mm(H)	10	MARUMO	SHB-10
	Middle	985~1,685mm(H)	12		ST2C
	Boom Stand	4,000m(H)	6		
Barn Door	ADB		20	ADB	

6. 공용 기자재 Common Equipment

Item	Company	Model	Watt	Weight	Quantity	Remark
Foot Light	ASTERA	Pixel Brick	15 w	1.1 kg	1set (8ea)	Mode1~97 1~21ch
Strobe	PROLIGHT	Flood300FC	300 w	5.2 kg	6	Mode1~7 1~18ch
Fog Machine	ANTARI	Z-1520 RGB	1,500 w	10.4 kg	1	Mode1 8ch
T-pipe	-		400mm(W) X 1,000mm(H)		7	1,000mm Extension pipe 35EA

*** 공연 전 장비의 사용 및 수량에 대해 반드시 극장 담당자와 협의 바랍니다 ***
Please speak with the management
About the usage of equipment before the
performance.

Technical Support Division Lighting Director

Phone NO : 82)-02-3668-0041

Chief Lighting Director

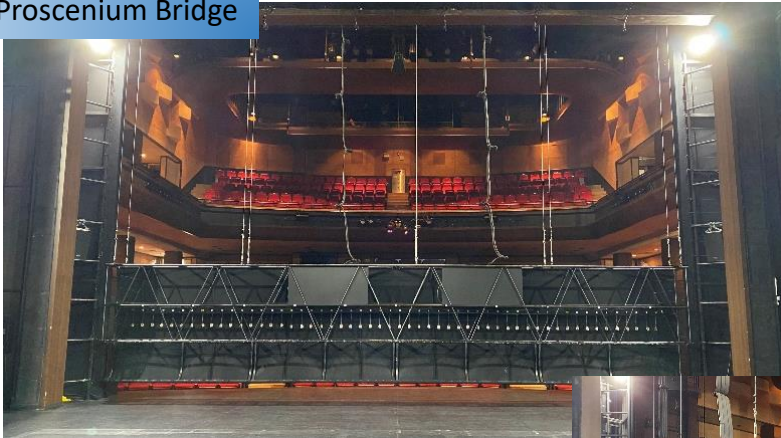
E-mail Address : stage8227@arko.or.kr

Ⅲ. 조명 설치 장소 Lighting Hanging Position

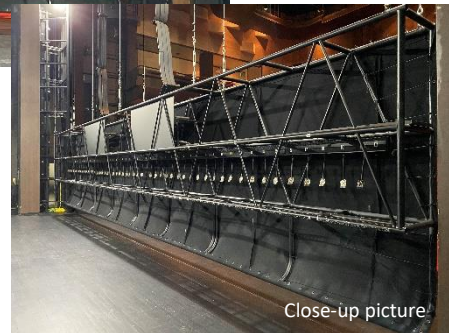
1. 무대 Stage

(1) 주무대 Main Stage

Proscenium Bridge

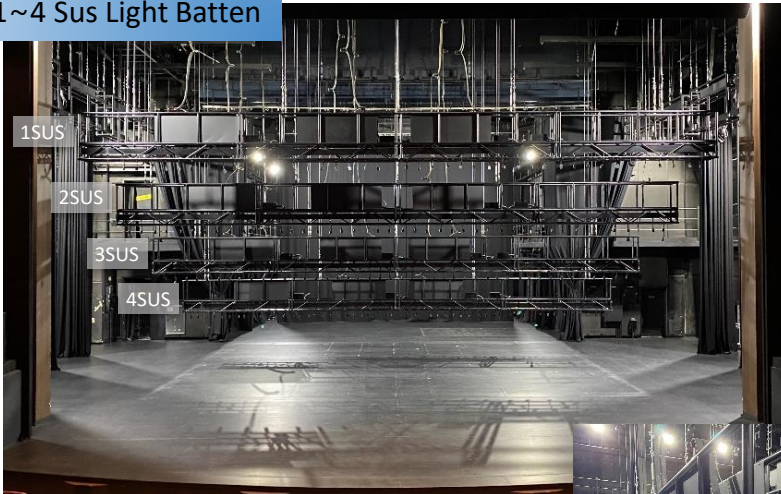


Size(mm)
 11,000(W) x 400(D) x 1,500(H)
Up Limit 9,000mm
Down Limit 0mm
Pipe φ 480mm
Weight 1,000kg
Speed(m/min) 9



Close-up picture

1~4 Sus Light Batten

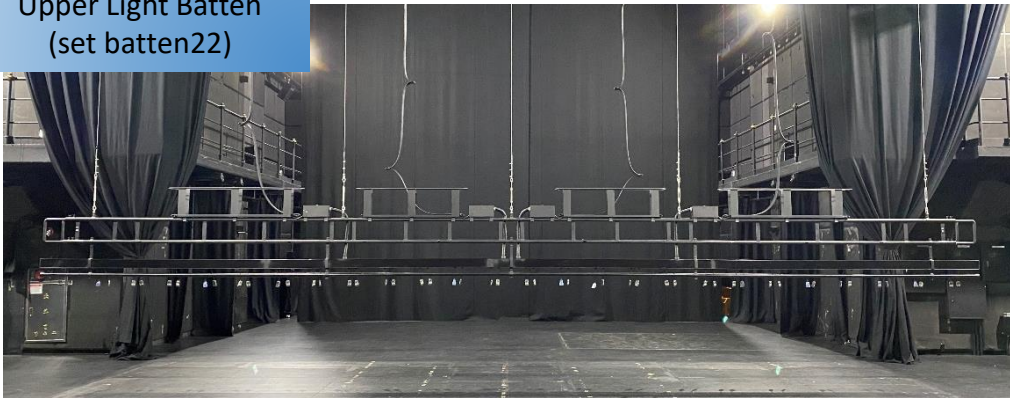


Size(mm)
 12,600(W) x 450(D) x 900(H)
Up Limit 13,000mm
Down Limit 0mm
Pipe φ 480mm
Weight 1,600kg
Speed(m/min) 6



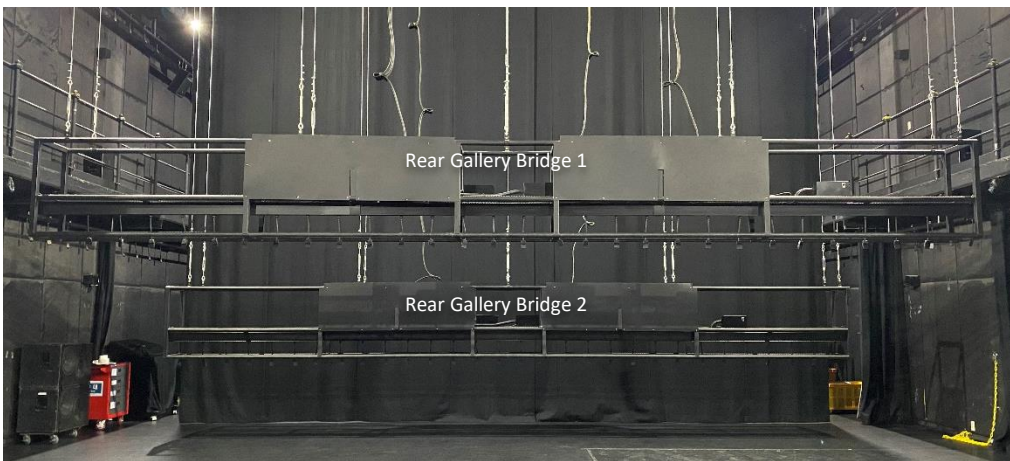
Close-up picture

**Upper Light Batten
(set batten22)**



Size(mm) 12,600(W)
Up Limit 13,000mm
Down Limit 0mm
Pipe φ 480mm
Weight 500kg
Speed(m/min) 1-70

(2) 후무대 Rear Stage



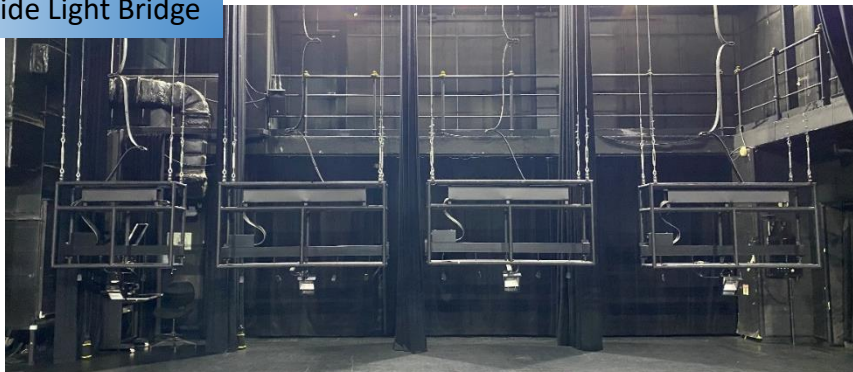
Size(mm)
 9,000(W) x 500(D) x 900(H)
Speed(m/min) 6

Up Limit 13,000mm
Down Limit 0mm

Pipe φ 480mm
Weight 500kg

(3) 측무대 Side Stage

Side Light Bridge



Total 8EA

Size(mm)

No. 1~2 - 1,500(W) x 500(D) x 1,000(H)

No. 3~8 - 2,000(W) x 500(D) x 1,000(H)

Up Limit 6,000mm

Down Limit 0mm

Speed(m/min) 6

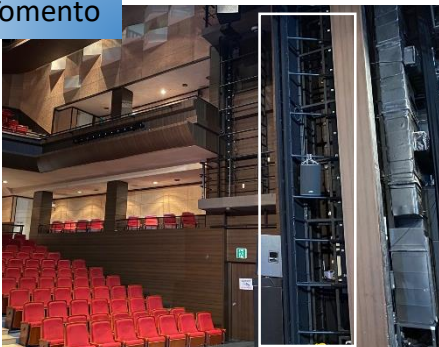
Pipe ϕ 480mm

Weight 900kg

Rear Gallery



Tomento



Size(mm) -(W)

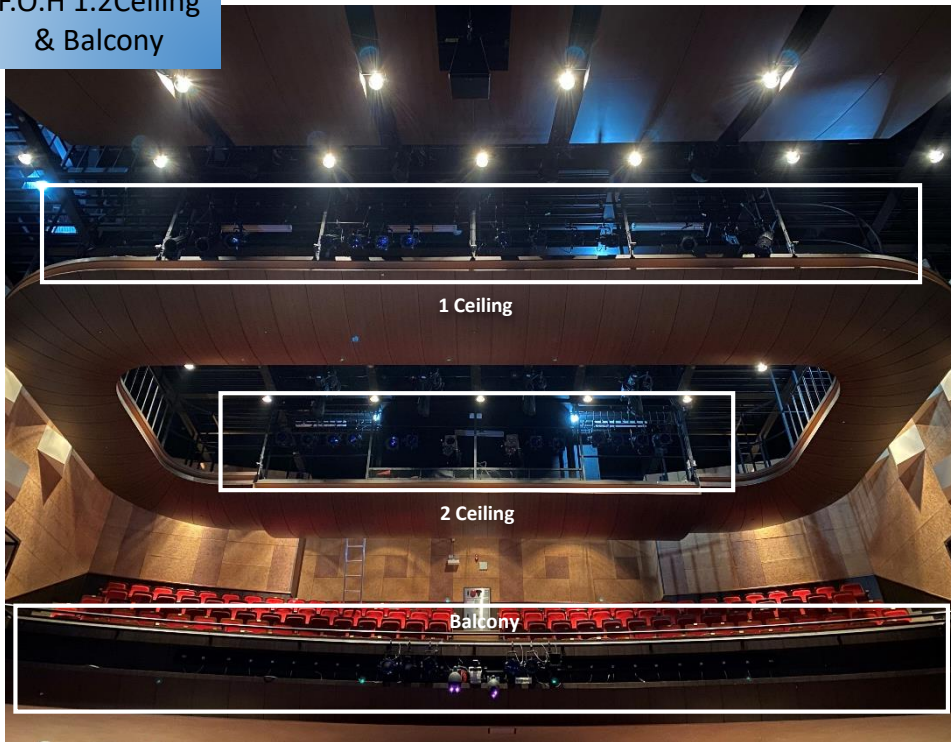
Pipe ϕ 480mm, 10ea

The lowest bar is 400mm high from the floor.

And at intervals of 800mm.

2. 객석 Auditorium

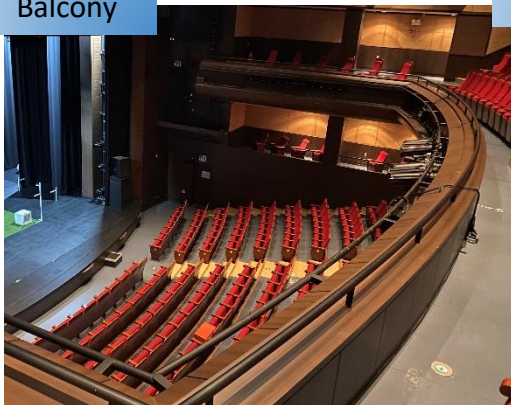
F.O.H 1.2 Ceiling
& Balcony



1CL S4 15°-30° 15EA Fixed

2CL ADB DVW205 6EA, DS205 6EA, Follow Spot 2EA Fixed

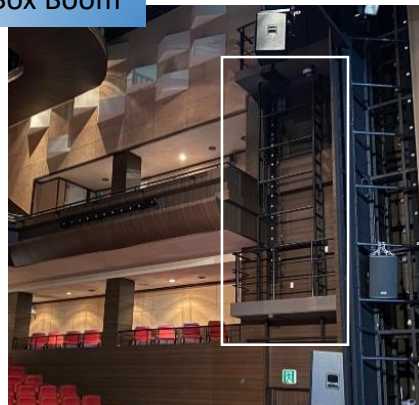
Balcony



Balcony

S4 15°-30° 6EA Fixed

Box Boom



Size(mm)

1,500(W) x 500(D) x 1,000(H)

Pipe ϕ 480mm, 5ea

The lowest bar is 1,920mm
High from the floor.

And at intervals of 800mm.



IV. 기타사항 Etc.

1. 컬러 필터 리스트 Color Filter List





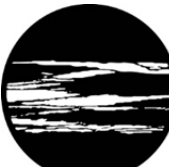

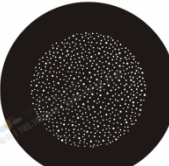


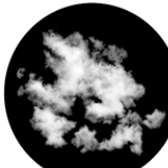

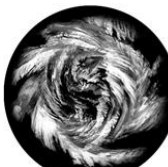
LEE FILTER

025	SUNSET RED	124	DARK GREEN	180	DARK LAVENDER
052	LIGHT LAVENDER	132	MIDIUM BLUE	181	CONGO BLUE
101	YELLOW	135	DEEP GOLDEN AMBER	197	ALICE BLUE
105	ORANGE	136	PALE LAVENDER	200	DOUBLE C.T. BLUE
106	PRIMARY RED	137	SPECIAL LAVENDER	201	FULL C.T. BLUE
111	DARK PINK	138	PALE GREEN	202	HALF C.T. BLUE
115	PEACOCK BLUE	147	APRICOT	203	QUARTER C.T. BLUE
117	STEEL BLUE	158	DARK ORANGE	204	FULL C.T. ORANGE
119	DARK BLUE	161	STATE BLUE	205	HALF C.T. ORANGE
121	LEE GREEN	162	BASTARD AMBER	228	BRUSHED SILK
122	FERN GREEN	165	DAYLIGHT BLUE	253	HAMPSHIRE FROST

ROSCO FILTER

083	MEDIUM BLUE	085	DEEP BLUE		
114	HAMBURG FROST	119	LIGHT HAMBURG FROST	132	QUARTER HAMBURG FROST

2. 무빙라이트 고보 리스트 Moving Light Gobo List

KHAM SIN-S					
Rotating Gobo Wheel					
1		Circle	4		Wave
2		Forest	5		Flower
3		Clouds	6		Line
Rotating Gobo Wheel					
1		Ayrton NO.074	4		Sheer Madness
2		Wood Grain	5		Clouds
3		Forest	6		Vortex

3. 기타 참고 사진 Other Reference Photo

Stand



SHB-10

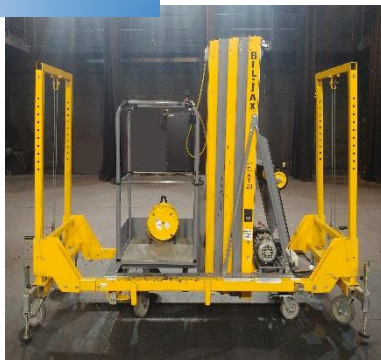
Total 10EA
Size(mm) 65(H)



ST2C

Total 12EA
Size(mm) 985~1,685(H)

Ladder



Bil-Jax XLT-C.A.T.23
Total 2EA
Size(mm) 7,180(H)
Max Weight 130kg

Plug Type



2P&G(USA)

Movable Side Tower



Front



Side

Total 10EA
Size(mm)
720(W) x (D)
x 1,710(H)
Pipe 480mm
Step 3