



[Ver.2024-11-06]

조명 기술 정보 안내

LIGHTING TECHNICAL INFORMATION

아르코예술극장

ARKO Arts Theater

대극장

Main Hall



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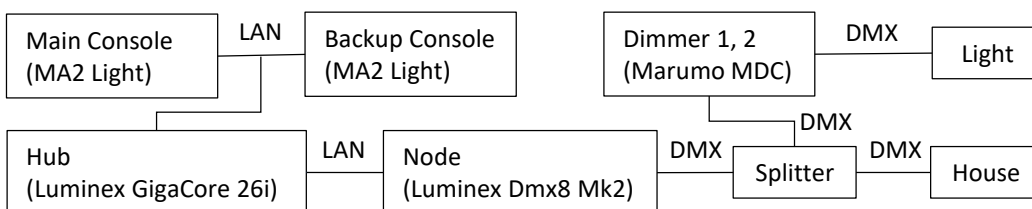
I . 전원 및 제어 시스템 Power & Control System

1. 전원 시스템 Power System

- Dimmer System : **MARUMO MDC (504ea)** 220V/60Hz 5Kw
- Remote Direct : **Switch (40ea)** 220V/60Hz 5Kw

2. 제어 시스템 Control System

- Signal System : DMX Universe – 8ea (XLR5pin)
 - * A Port : Dimmer (Ch1~504)
 - B Port : House Light (Ch1~18)
 - odd number : warm color
 - even number : cool color





II. 조명기자재 현황 Light Equipment

1. 콘솔 Console

Item	Company	Model	Watt	Weight	Quantity	Remark
Main Console	MA Lighting	Grand MA2 Light	350VA	37 kg	1	Ver.3.9.60.45
Backup Console					1	

2. LED 라이트 LED Light

Item	Company	Model	Watt	Weight	Quantity	Remark
Moving Spot	CLAYPAKY	AXCOR Porofile 900	900 w	45 kg	9	Standard 38ch Vector 42ch
		VARI VLZ Profile	620 w	42 kg	15	16 Bit 56ch 16 Bit Enh 61ch
Moving Wash	ROBE	SPIIDER	600 w	13.3 kg	16	Mode1~10 27~123ch
Bar	GLP	Impression X4	450 w	14.5 kg	9	Mode1~7 19~89ch
Flood	SGM	Q7	465 w	8.1 kg	2	Mode1~7 3~10ch
	ETC	Color Source CYC v1.7	160 w	4.7 kg	16	Mode1~4 1~7ch

3. 일반조명기 General Light

Item	Company	Model	Watt	Weight	Quantity	Remark
P•C	MARUMO	CSQ-1000	1,000 w	10.2 kg	26	Installed Side Bridge 16ea
		LNC-400	2,000 w	16.2 kg	30	Installed 1CL
	ADB	C-201	2,000 w	12.6 kg	7	
Fresnel	MARUMO	LNM2-120S1-T1	1,500 w	-	50	Installed 1,2,3 SUS 12ea
		FQH-150S	2,000 w	-	9	
PAR	KUPO	Par64 (CP61/CP62)	1,000 w	3 kg	94	Installed 1,2,3 SUS 12ea
		Par46	28 v / 250 w	1 kg	12Set	1Set-8ea



Item	Company	Model	Watt	Weight	Quantity	Remark
		Body		-	90	Total Installed 48ea
		10°		6.8 kg	18	Installed 2CL 12ea
		19°		6.3 kg	4	
		26°		6.3 kg	13	
S-4	ETC	36°	750 w	6.3 kg	58	Installed Side Tower 32ea & Tomento 4ea
		50°		6.3 kg	32	
		Zoom 15°~30°		9.5 kg	55	Installed Side Birdge 16ea & 1CL 6ea & Balcony 6ea
		Zoom 25°~50°		7.6 kg	59	
Flood	MARUMO	QCU-2	500 w	2.5 kg	20	
Follow Spot	USHIO	SUPERSOL 2009SR/e	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	1,500w	17.9Kg	2	Haze
	ANTARI	Z-300 III	2,500 w	19.1 kg	1	Heavy
Fan					2	



5. 악세서리 Accessory

Item	Origin	Model	Spec	Quantity	Remark
Iris	ETC	Source Four	400RS	10	
Stand	MARUMO	Low	65mm(H)	10	SHB-10
		Middle	985~1,685mm(H)	15	ST2C
Barn Door		Par64		25	1Kw
	MARUMO	LN2-120S1-T1		20	1.5Kw / CSQ-1000
	MARUMO	FQH-150S		9	2Kw
	ADB	C201		10	2Kw

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	1500 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

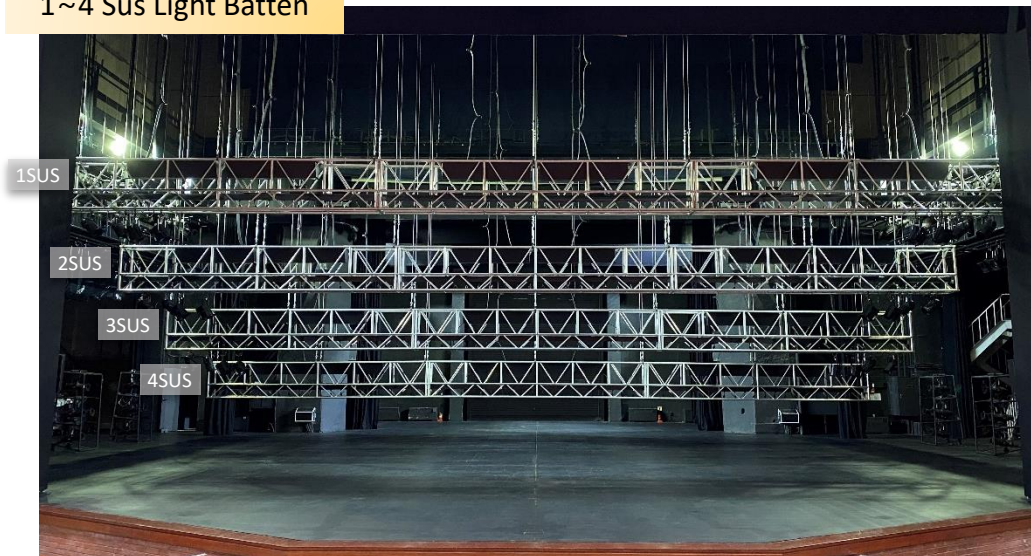


Size(mm)
 14,400(W) x 600(D) x 400(H)
Up Limit 7,800mm
Down Limit 1000mm
Pipe φ 480mm
Weight 1,000kg
Speed(m/min) 0-12



Close-up picture

1~4 Sus Light Batten



Size(mm)
 18,400(W) x 600(D) x 450(H)
Speed(m/min) 0-12

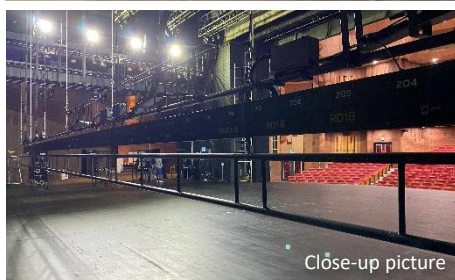
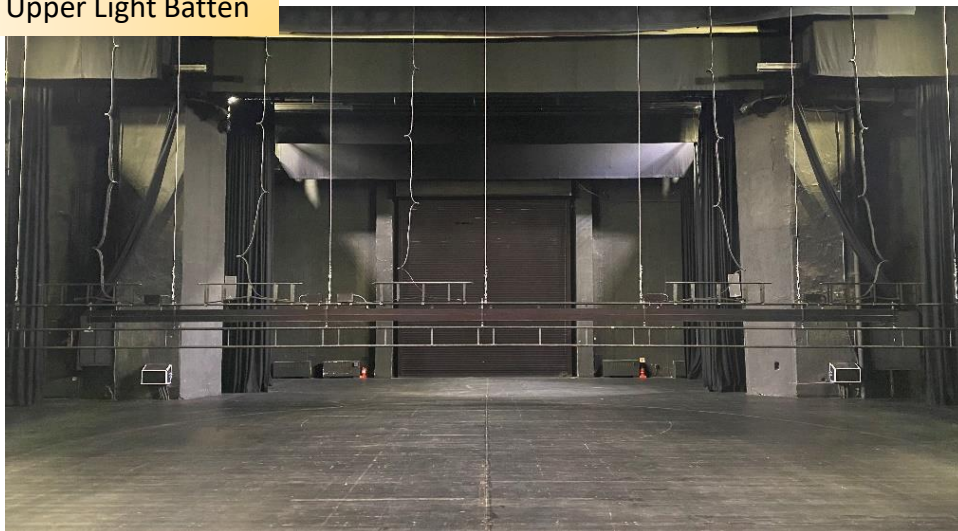
Up Limit 11,000mm
Down Limit 1,000mm

Pipe φ 480mm
Weight 1,000kg

1,2,3Sus batten LNM2-120S1-T1 12EA, Par64(CP61) 12EA Fixed



Upper Light Batten



Close-up picture

Size(mm)
18,400(W)

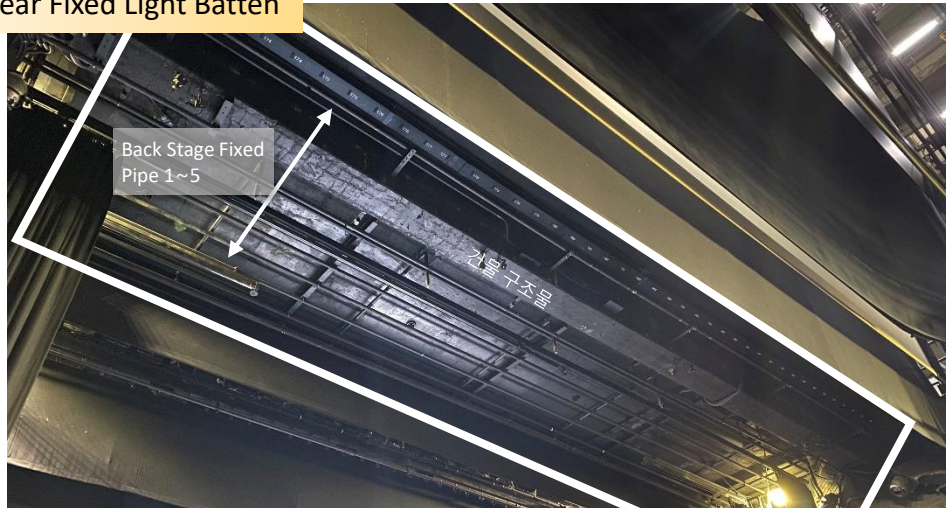
Pipe ϕ 480mm
Weight 700kg

Up Limit 10,000mm
Speed(m/min) 0-12

Down Limit 1000mm

(2) 후무대 Rear Stage

Rear Fixed Light Batten

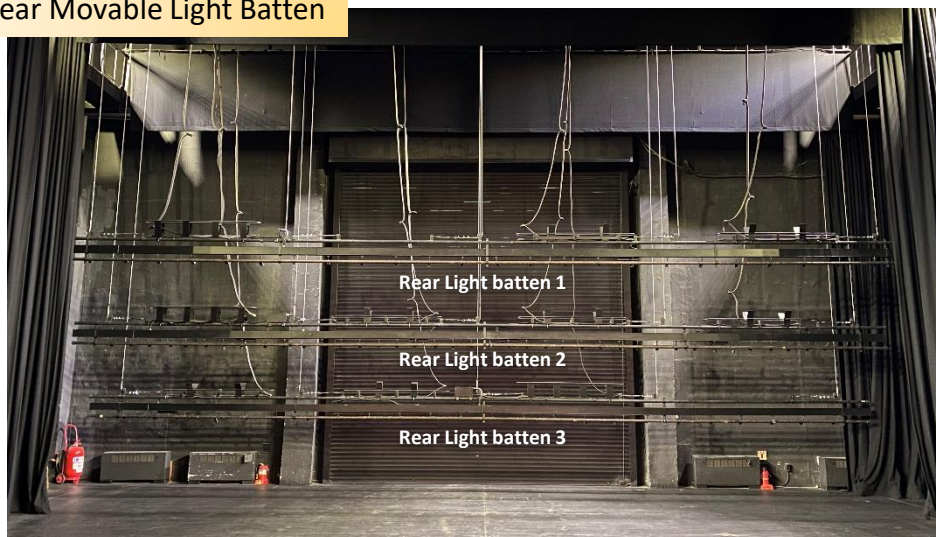


Size(mm) 14,700(W)

UP Limit 7,500(H)

Pipe ϕ 480mm

Rear Movable Light Batten



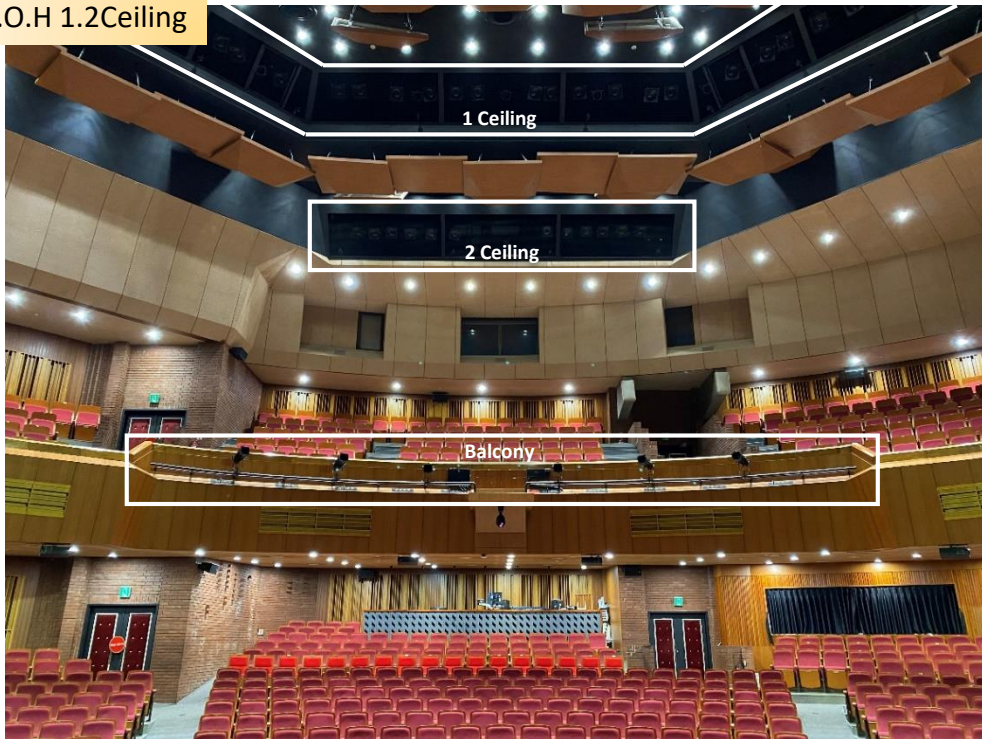
Size(mm) 8,000(W)
Speed(m/min) 6

Up Limit 7,600mm
Down Limit 1,000mm

Pipe ϕ 480mm
Weight 500kg

2. 객석 Auditorium

F.O.H 1.2Ceiling



1 Ceiling

LNC-400 30EA, S4 15°~30° 6EA Fixed
Balcony S4 15°~30° 6EA Fixed

2 Ceiling

S4 10° 12EA Fixed, Follow Spot 2EA Fixed

Box Boom



Left & Right same
S4 15°~30° 18EA Fixed

Slot



Pipe 3ea
Left & Right same



IV. 기타사항 Etc.

1. 컬러 필터 리스트 Color Filter List







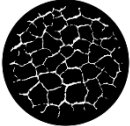



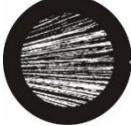
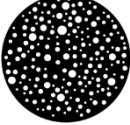


LEE FILTER







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

VLZ					
Fixed Gobo Wheel					
1		Leafy Breakup	5		Radial Breakup
2		Open Stipple	6		Medium Circle
3		Lattice	7		Neurons
4		Cracked Ground			
Rotating Gobo Wheel					
1		Clouds	5		Stripes
2		Clouds	6		Alpha rays
3		Small Dots	7		Bark Breakup
4		Window			

<h1 style="text-align: center;">AXCOR</h1> <h2 style="text-align: center;">Rotating Gobo Wheel</h2>					
1		Small Dots	4		Forest
2		Pattern	5		Oak Tree
3		Clouds	6		Vortex

3. 기타 참고 사진 Other Reference Photo

Stand

SHB-10

Total 10EA
Size(mm) 65(H)

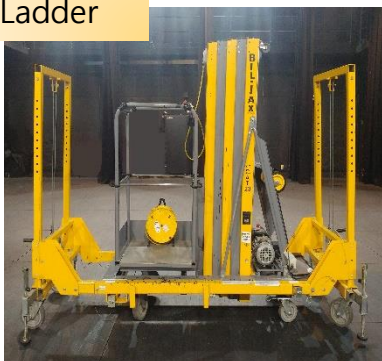


ST2C

Total 15EA
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)