



[Ver.2025-11-25]

조명 기술 정보 안내

LIGHTING TECHNICAL INFORMATION

아르코예술극장

ARKO 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

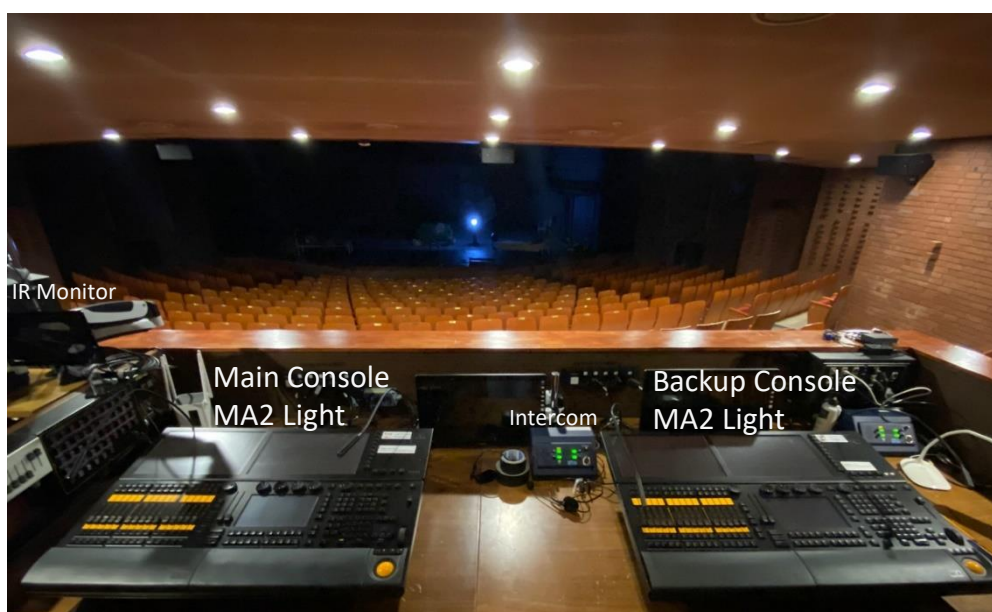
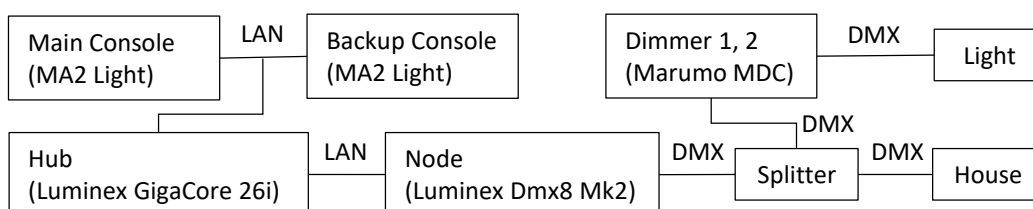
I . 전원 및 제어 시스템 Power & Control System

1. 전원 시스템 Power System

- Dimmer System : **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	Angle	Q	Remark
Moving Spot	CLAYPAKY	AXCOR Profile 900	900w	45kg	7°- 40°	6	Standard 38ch
							Vector 42ch
	VARI	VLZ Profile	620w	42kg	8°- 50°	15	16 Bit 56ch
							16 Bit Enh 61ch
Moving Wash	ROBE	SPIIDER	600w	13.3kg	4°- 50°	16	Mode1~10 27~123ch
Moving Bar	GLP	Impression X4	450w	14.5kg	7°- 50°	9	Mode1~7 19~89ch
Flood	SGM	Q7	465w	8.1kg	110°	2	Mode1~7 3~10ch
	ETC	Color Source CYC v1.7	160w	4.7kg	No beam angle range	16	Mode1~4 1~7ch

3. 일반조명기 General Light

Item	Company	Model	Watt	Weight	Angle	Q	Remark	
P • C	MARUMO	CSQ-1000	1kw	10.2kg	B 4°-B35° F 8°-70°	26	Installed Side Bridge 16ea	
		LNC-400	1kw	16.2kg	B 3°-20° F 4°-25°	30	Installed 1CL	
	ADB	C-201	2kw	12.6kg	B 5°-54° F 8°-58°	7		
Fresnel	MARUMO	LNM2-120S1-T2	1.5kw	7.4kg	B 9°-47° F 14°-55°	50	Installed 1,2,3 SUS 12ea	
		FQH-150S	2kw	7.8kg	B 13° F 64°	10		
PAR	KUPO	Par 64	CP61	1kw	3kg	B 7°-14° F 14°- 26°	88	Installed 1,2,3 SUS 12ea
		CP62	B 12°-28° F 21°- 44°					
		Par46	250w	1kg	-	96	1Set-8ea	



Item	Company	Model	Watt	Weight	Angle	Q	Remark
S-4	ETC	Body	750w	-	-	90	Total Installed 48ea
		10°		6.8kg	B 8° F 11°	18	Installed 2CL 12ea
		19°		6.3kg	B 15° F 18°	4	-
		26°			B 18° F 25°	13	-
		36°			B 27° F 34°	58	Installed Side Tower 32ea & Tomento 4ea
		50°			B 36° F 50°	32	-
		Zoom 15-30		9.5kg	B 11° F 16° B 21° F 31°	55	Installed Side Bridge 16ea & 1CL 6ea & Balcony 6ea
		Zoom 25-50		7.6kg	B 17° F 25° B 33° F 50°	59	-
Flood	MARUMO	QCU-2	500w	2.5kg	-	20	-
Follow Spot	USHIO	SUPERSOL 2009SR/e	2kw	51 kg	10° - 45°	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-3000 III	2,500 w	19.1 kg	1	Heavy
Fan	-			-	2	-



5. 악세서리 Accessory

Item	Company	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

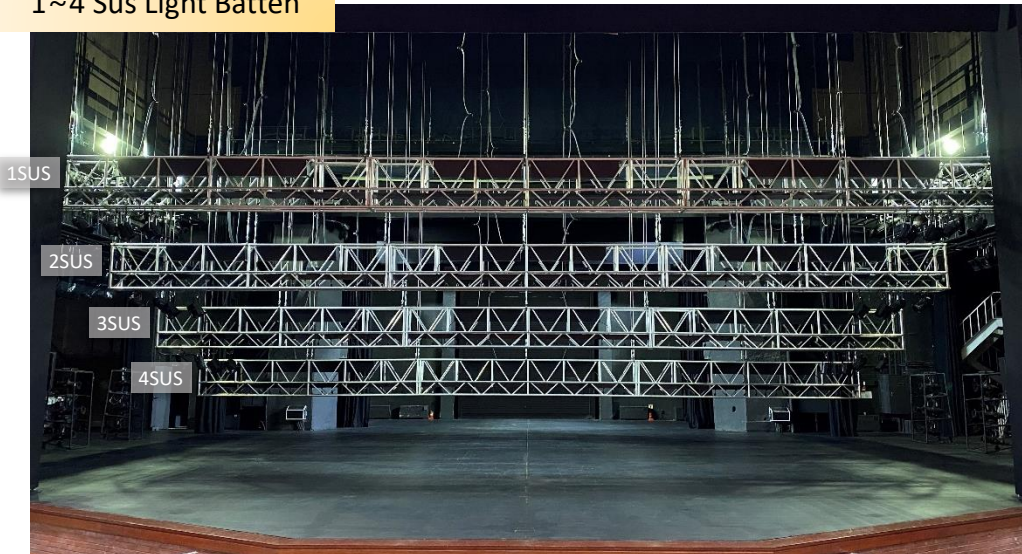
Proscenium Bridge



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



1~4 Sus Light Batten

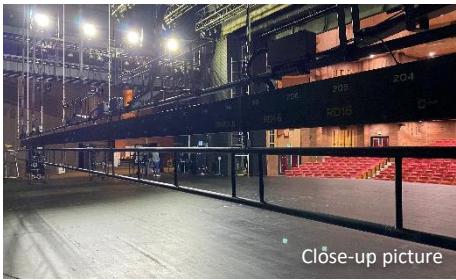


Size(mm) Up Limit 11,000mm Pipe ϕ 480mm
18,400(W) x 600(D) x 450(H) Down Limit 1,000mm Weight 1,000kg
Speed(m/min) 0-12

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



Upper Light Batten

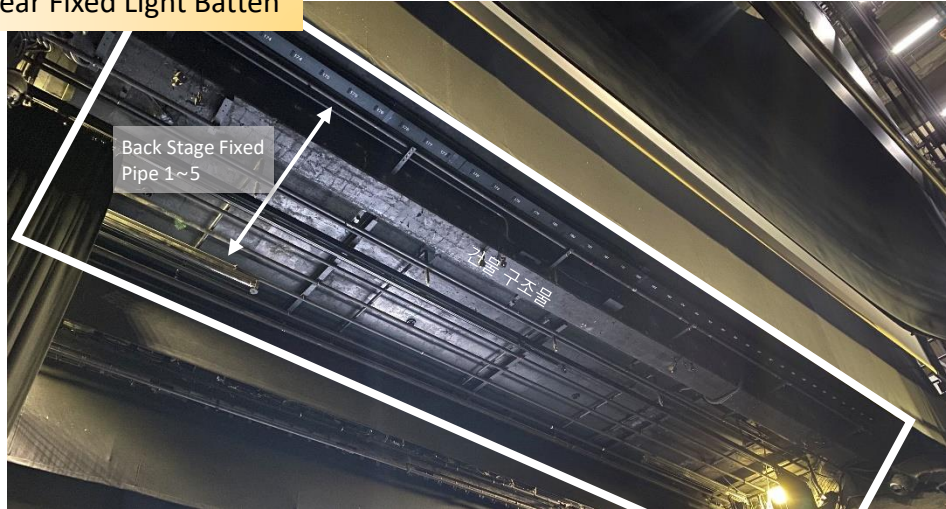


Size(mm)
18,400(W)
Up Limit 10,000mm
Down Limit 1000mm

Pipe ϕ 480mm
Weight 700kg
Speed(m/min) 0-12

(2) 후무대 Rear Stage

Rear Fixed Light Batten

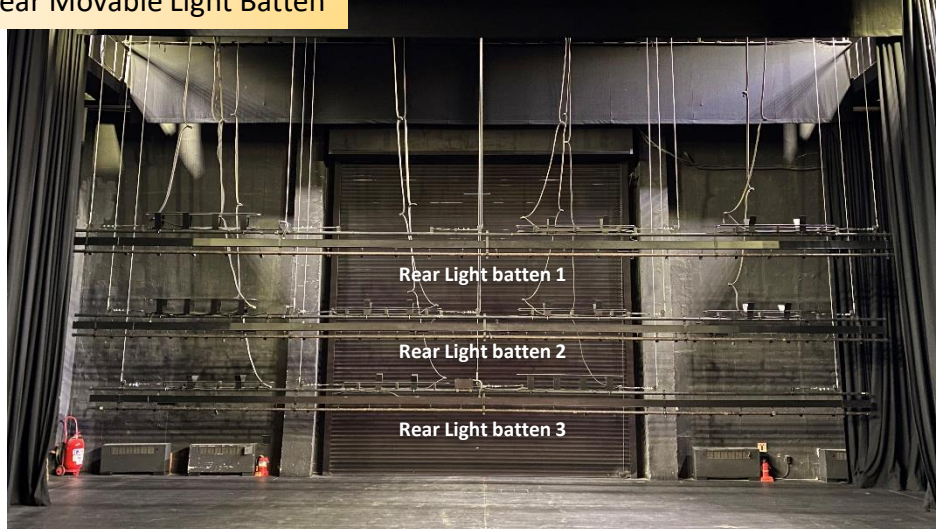


Size(mm) 14,700(W)

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

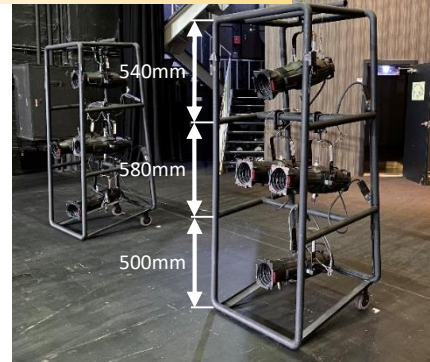
(3) 측무대 Side Stage

Tomento



Left & Right same
Size(mm)
1,900(W) x 900(D) x 8,500(H)
Pipe ϕ 480mm, 10ea
At intervals of 800mm
S4 36° 4EA Fixed

Movable Side Tower



Total 10EA
Size(mm)
720(W) x (D) x 1,710(H)
Pipe 480mm Step 3
S4 36° 4EA Fixed

Side Movable Lighting Bridge

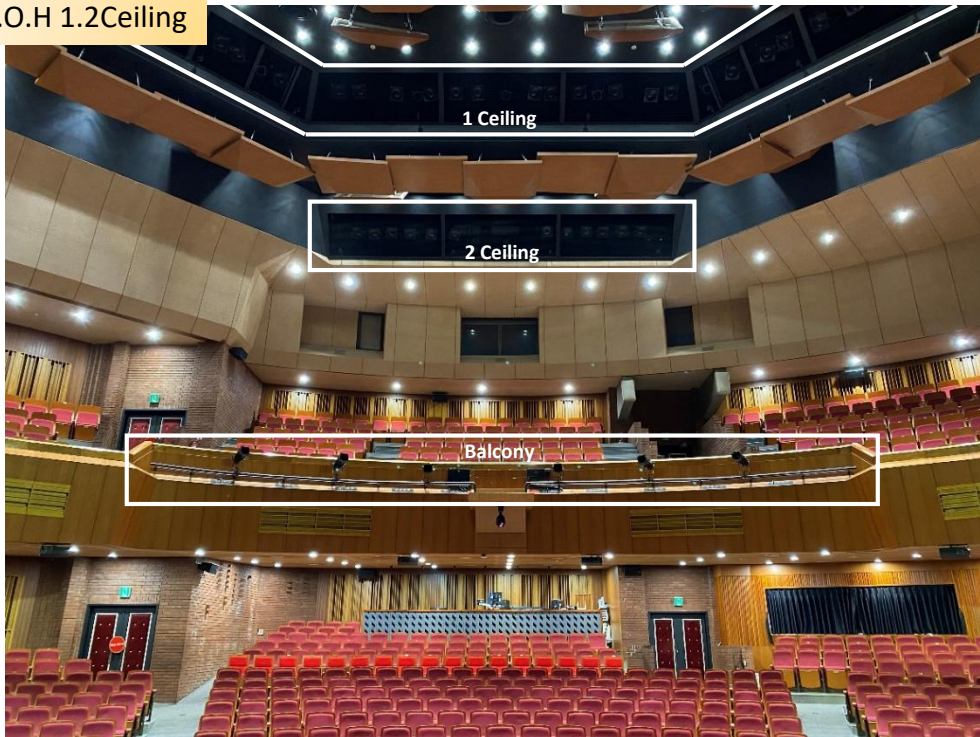


Total 4ea
Size(mm)
5,300(W) x 500(D) x 1,500(H)
Speed(m/min) 0-12
S4 15°-30° 16EA & CSQ-100 16EA Fixed

Up Limit 4,800mm	Pipe ϕ 480mm
Down Limit 1,000mm	Weight 400kg

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

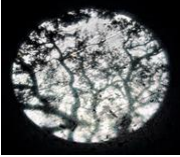
<u>025</u>	SUNSET RED	<u>124</u>	DARK GREEN	<u>180</u>	DARK LAVENDER
<u>052</u>	LIGHT LAVENDER	<u>132</u>	MIDIUM BLUE	<u>181</u>	CONGO BLUE
<u>101</u>	YELLOW	<u>135</u>	DEEP GOLDEN AMBER	<u>197</u>	ALICE BLUE
<u>105</u>	ORANGE	<u>136</u>	PALE LAVENDER	<u>200</u>	DOUBLE C.T. BLUE
<u>106</u>	PRIMARY RED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

ROSCO FILTER

<u>083</u>	MEDIUM BLUE	<u>085</u>	DEEP BLUE		
<u>114</u>	HAMBURG FROST	<u>119</u>	LIGHT HAMBURG FROST	<u>132</u>	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		Latice	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			

AXCOR					
Rotating Gobo Wheel					
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)