



[Ver.2026-04-03]

조명 기술 정보 안내

LIGHTING TECHNICAL INFORMATION

아르코예술극장

ARKO Arts Theater

대극장

Main Hall



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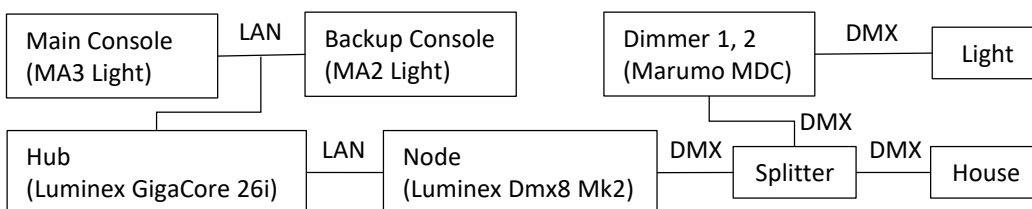
I . 전원 및 제어 시스템 Power & Control System

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 MA3 Light	300VA	33 kg	1	Ver.3.9.61.5
Backup Console		Grand MA2 Light	350VA	37 kg	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
Moving Wash	VARI	VLZ Profile	620w	42kg	8°- 50°	15	16 Bit 56ch
							16 Bit Enh 61ch
Moving Bar	ROBE	SPIIDER	600w	13.3kg	4°- 50°	16	Mode1~10 27~123ch
Flood	GLP	Impression X4	450w	14.5kg	7°- 50°	9	Mode1~7 19~89ch
	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 CP62	1kw	3kg	B 7°-14° F 14°- 26°	88	Installed 1,2,3 SUS 12ea
		B 12°-28° F 21°- 44°						
		Par46	250w	1kg	-	96	1Set-8ea	



Item	Company	Model	Watt	Weight	Angle	Q	Remark
		Body		-	-	90	Total Installed 48ea
		10°		6.8kg	B 8° F 11°	18	Installed 2CL 12ea
		19°			B 15° F 18°	4	-
		26°			B 18° F 25°	13	-
S-4	ETC		750w	6.3kg			
		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	ANTARI	HZ-500	480w	31.5Kg	2	Haze
		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	LNМ2-120S1-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)		17	1,000mm Extension pipe 85EA

*** 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

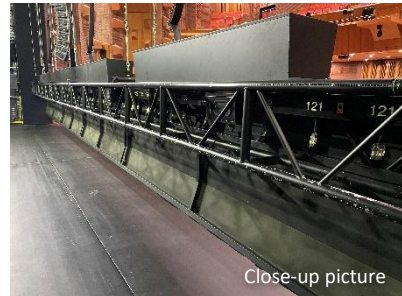
1. 무대 Stage

(1) 주무대 Main Stage

Proscenium Bridge

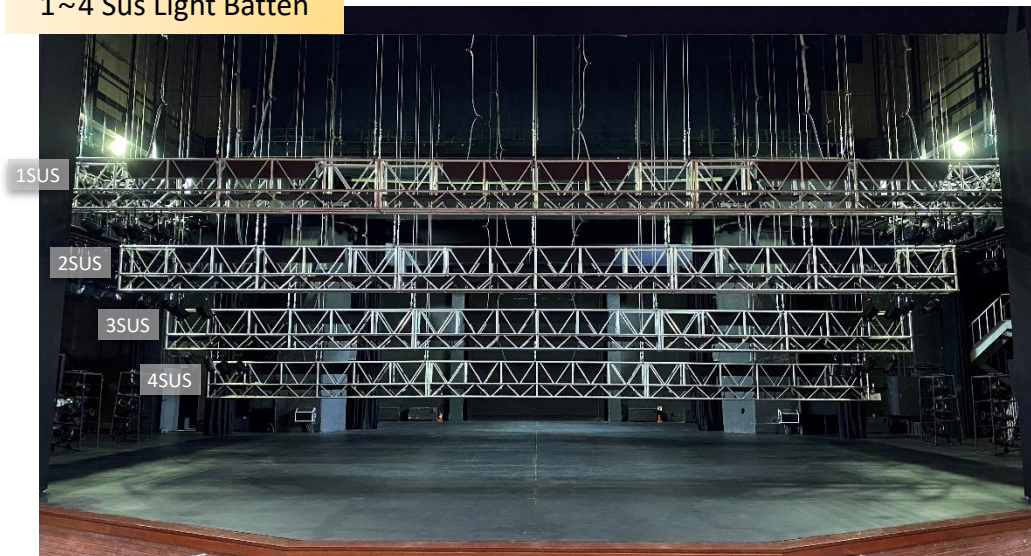


Size(mm)
 14,400(W) x 600(D) x 400(H)
Up Limit 7,800mm
Down Limit 1000mm
Pipe φ 480mm
Weight 1,000kg
Speed(m/min) 0-12



Close-up picture

1~4 Sus Light Batten



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

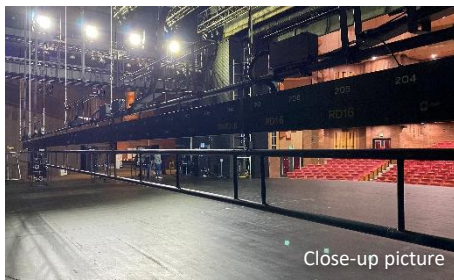
Up Limit 11,000mm
Down Limit 1,000mm

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)

Up Limit 10,000mm

Down Limit 1000mm

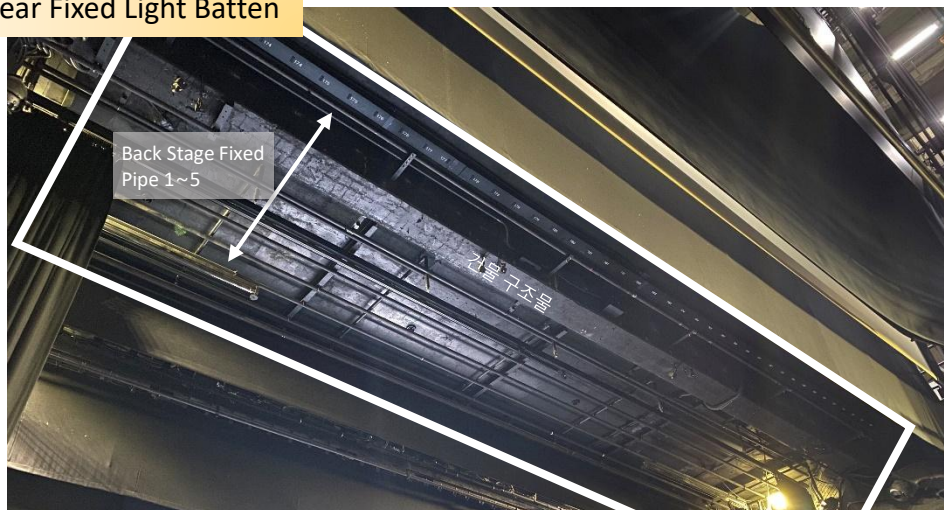
Pipe ϕ 480mm

Weight 700kg

Speed(m/min) 0-12

(2) 후무대 Rear Stage

Rear Fixed Light Batten

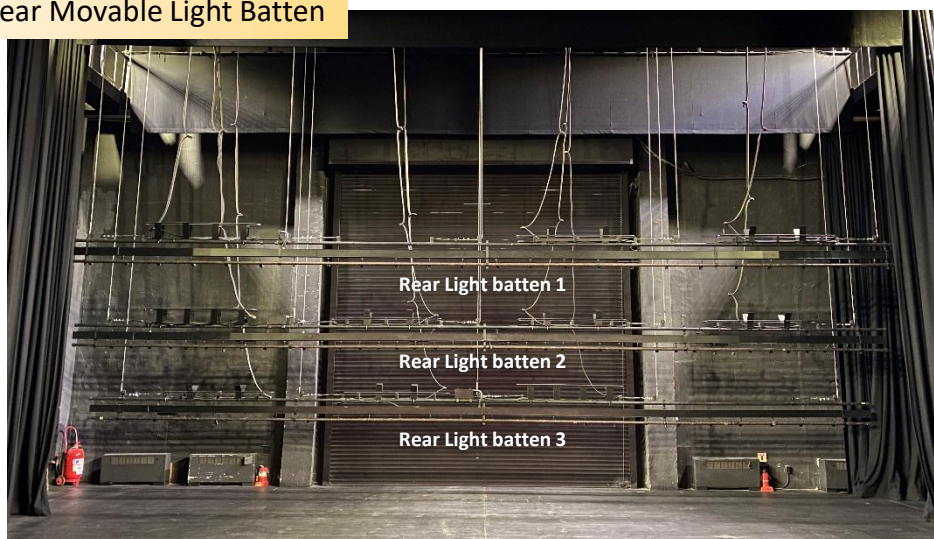


Size(mm) 14,700(W)

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

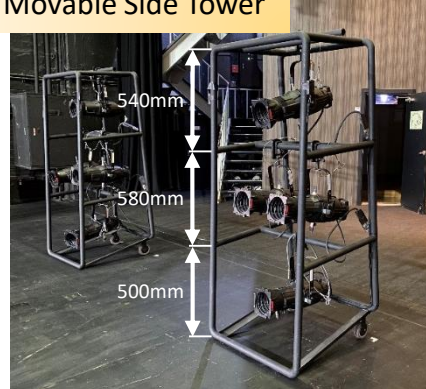
(3) 측무대 Side Stage

Tomento



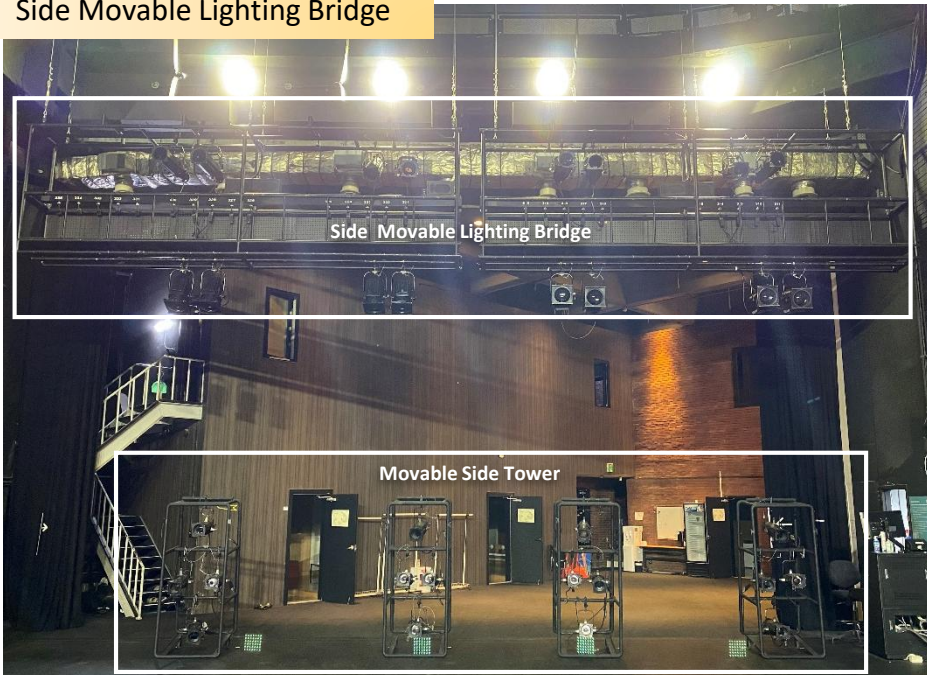
Left & Right same
Size(mm)
 1,900(W) x 900(D) x 8,500(H)
Pipe φ 480mm, 10ea
 At intervals of 800mm
S4 36° 4EA Fixed

Movable Side Tower



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

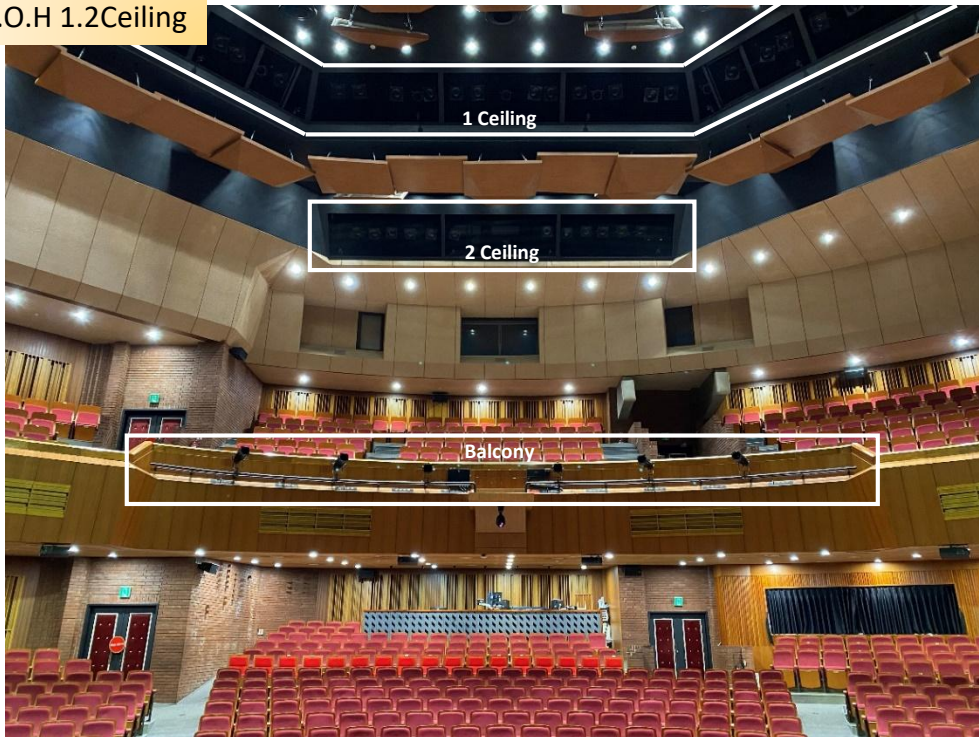
Side Movable Lighting Bridge



Total 4ea
Size(mm)
 5,300(W) x 500(D) x 1,500(H)
Speed(m/min) 0-12
Up Limit 4,800mm
Down Limit 1,000mm
Pipe φ 480mm
Weight 400kg
S4 15°-30° 16EA & CSQ-100 16EA Fixed

2. 객석 Auditorium

F.O.H 1.2Ceiling



1 Ceiling

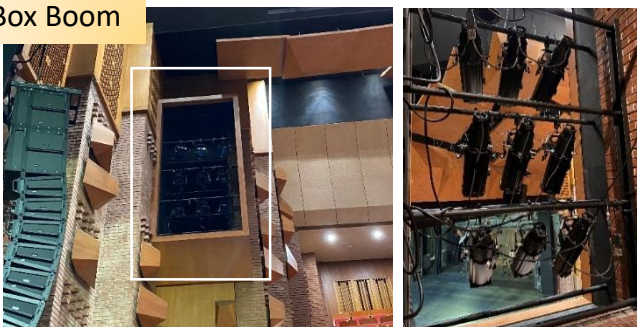
LNC-400 30EA, S4 15°~30° 6EA Fixed

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







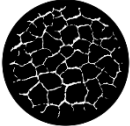



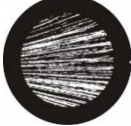
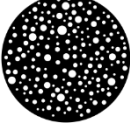


LEE FILTER







<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		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="margin: 0;">AXCOR</h1> <p style="margin: 0;">Rotating Gobo Wheel</p>					
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)