



[Ver.2024-03-21]

조명 기술 정보 안내

LIGHTING TECHNICAL INFORMATION

아르코예술극장

ARKO Arts Theater

대극장

Main Hall



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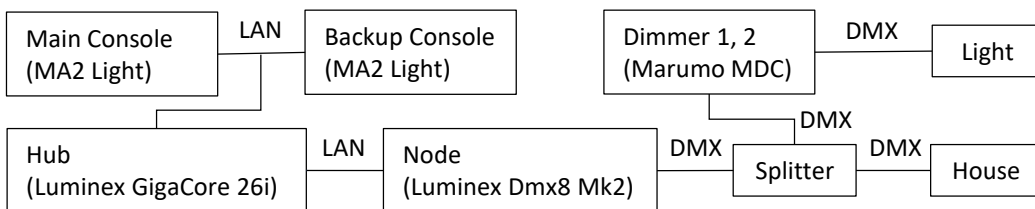
I . 전원 및 제어 시스템 Power & Control System

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 Port – 8ea (XLR5pin)
 - * A Port : General Light (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	Model	Spec	Quantity	Origin	Remark
Main Console	Grand MA2	Light Size	1	MA Lighting	Ver.3.9.60.45
Backup Console			1		

2. 무빙라이트 Moving Light

Item	Model	Spec	Quantity	Origin	Remark
LED Profile	AXCOR	900W	10	CLAYPAKY	Standard 38ch
					Vector 42ch
LED Profile	VLZ	620W	15	VARI	16 Bit 56ch
					16 Bit Enh 61ch
LED Wash	SPIIDER	600W	16	ROBE	Mode1~10 27~123ch
LED Bar	Impression X4	450W	9	GLP	Mode1~7 19~89ch
					Q7
LED Flood	Color Source CYC v1.7	160W	16	ETC	Mode1~4 1~7ch

3. 일반조명기 General Light

Item	Model	Spec	Quantity	Origin	Remark
Plano Convex Spot Light	CSQ-1000	1000W	26	MARUMO	Installed Side Bridge 16ea
	LNC-400	2000W	30		Installed 1CL
	C-201	2000W	7	ADB	
Fresnel Spot Light	LNM2-120S1-T1	1500W	50	MARUMO	Installed 1,2,3 SUS 12ea
	FQH-150S	2000W	9		



Item	Model	Spec	Quantity	Origin	Remark
Par Light	Par64 (CP61/CP62)	1000W	94	KUPO	Installed 1,2,3 SUS 12ea
	Par46	28V/250W	12Set		1Set-8ea
Source Four	Standard Body	750W	90		Total Installed 48ea
	Lens Tube	10°	18		Installed 2CL 12ea
		19°	4		
		26°	13		
		36°	58	ETC	Installed Side Tower 32ea & Tomento 4ea
		50°	32		
	Zoom 15°~30°	750W	55		Installed Side Birdge 16ea & 1CL 6ea & Balcony 6ea
Zoom 25°~50°		59			
Flood Light	QCU-2	500W	20	MARUMO	
Follow Spot Light	SUPER SOL 2009SR/e	2000W	2	USHIO	Installed 2CL

4. 포그머신 Fog Machine

Item	Model	Spec	Quantity	Origin	Remark
Fog Machine	LFA-T2	1500w	2	KAI SHINE Lighting	Haze
	Jem ZR 33	1500w	1	MARTIN	Heavy
Fan			2		



5. 악세서리 Accessory

Item	Model	Spec	Quantity	Origin	Remark
Iris	Source Four	400RS	10	ETC	
Stand	Low	65mm(H)	10	MARUMO	SHB-10
	Middle	985~1,685mm(H)	15		ST2C
Barn Door	Par64		25		1Kw
	LNM2-120S1-T1		20	MARUMO	1.5Kw / Compatible CSQ-1000
	FQH-150S		9		2Kw
	C201		10	ADB	2Kw

6. 공용장비 Common Equipment

Item	Model	Spec	Quantity	Origin	Remark
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

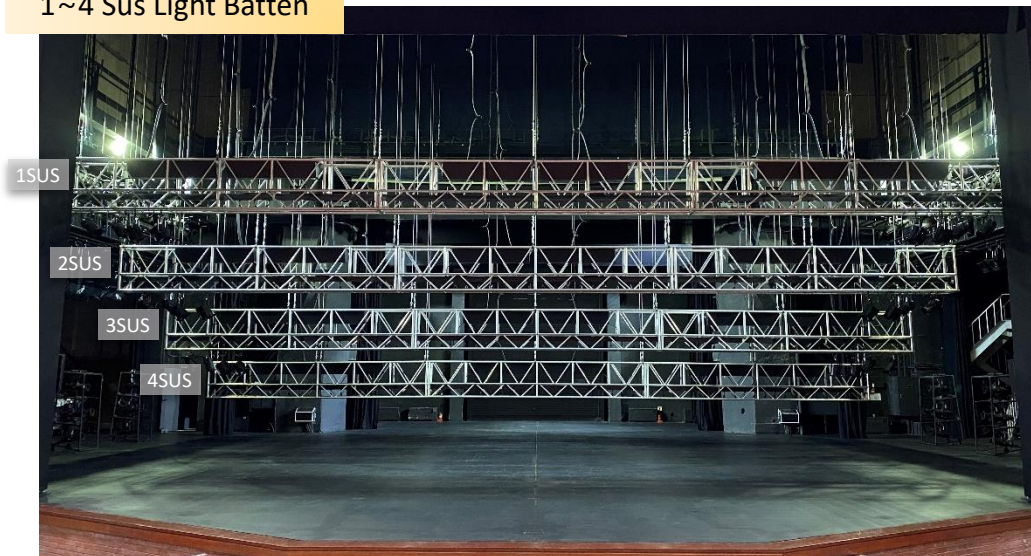


Size(mm)
 14,400(W) x 600(D) x 400(H)
Up Limit 7,800mm
Down Limit 1000mm
Pipe φ 480mm
Weight 1,000kg
Speed(m/min) 0-12



Close-up picture

1~4 Sus Light Batten



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

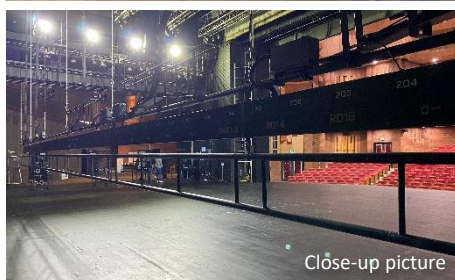
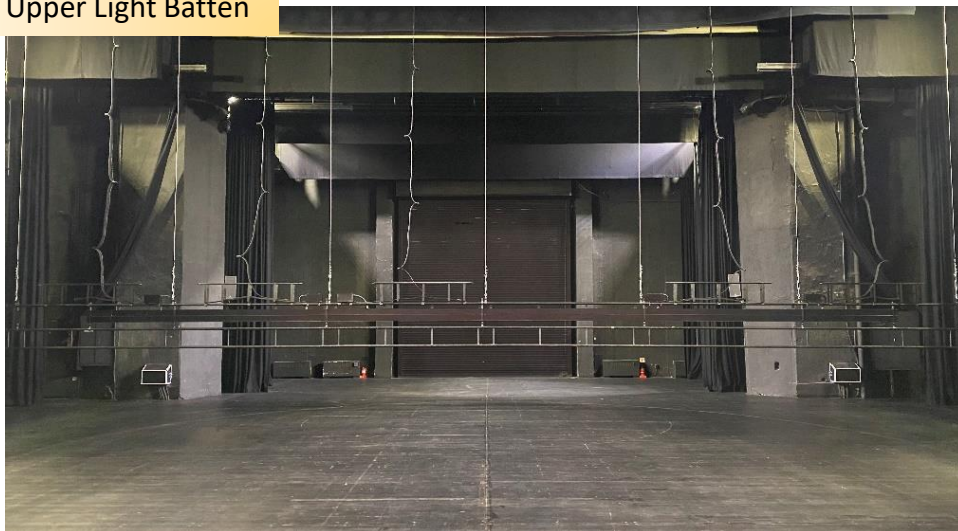
Up Limit 11,000mm
Down Limit 1,000mm

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)

Up Limit 10,000mm

Down Limit 1000mm

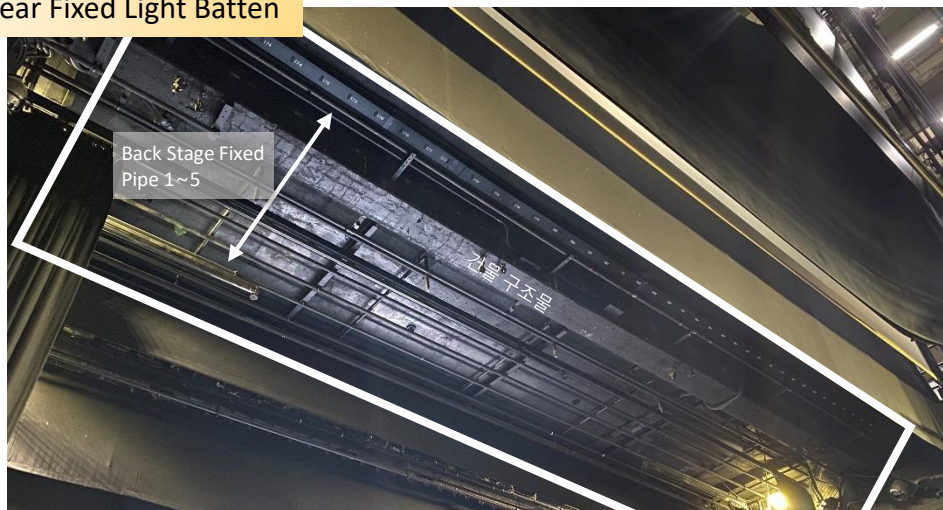
Pipe ϕ 480mm

Weight 700kg

Speed(m/min) 0-12

(2) 후무대 Rear Stage

Rear Fixed Light Batten

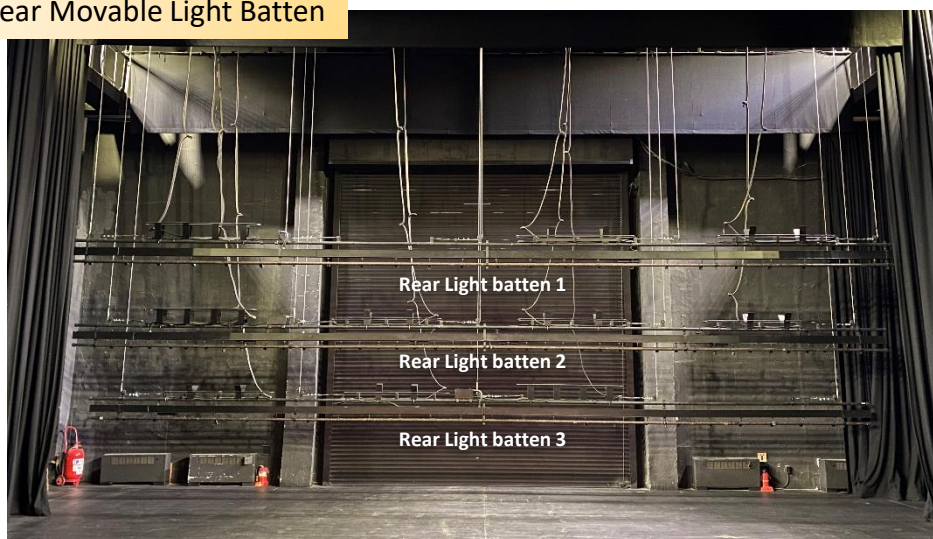


Size(mm) 14,700(W)

UP Limit 7,500(H)

Pipe ϕ 480mm

Rear Movable Light Batten



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

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

Pipe ϕ 480mm
Weight 500kg

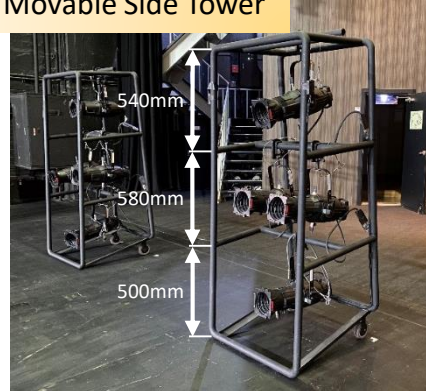
(3) 측무대 Side Stage

Tomento



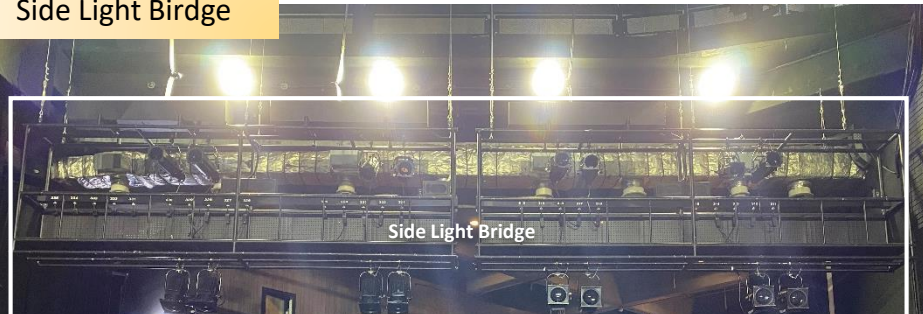
Left & Right same
Size(mm)
 1,900(W) x 900(D) x 8,500(H)
Pipe φ 480mm, 10ea
 At intervals of 800mm
S4 36° 4EA Fixed

Movable Side Tower



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

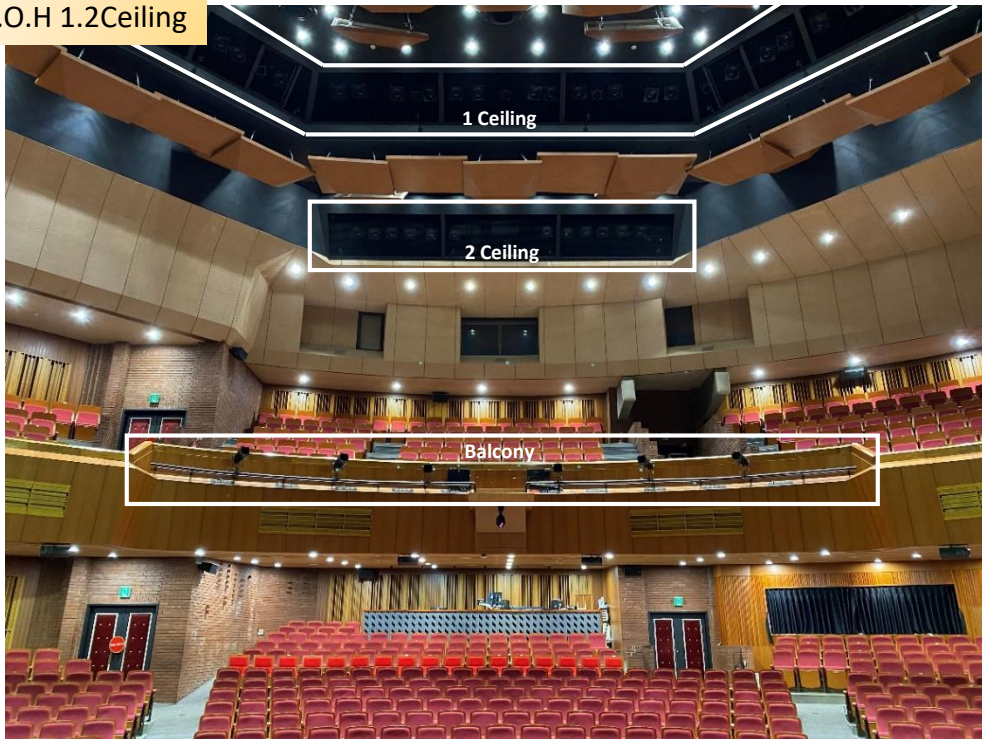
Side Light Birdge



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 1.2 Ceiling



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







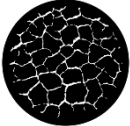



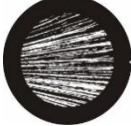
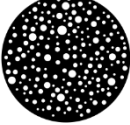


LEE FILTER







<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)

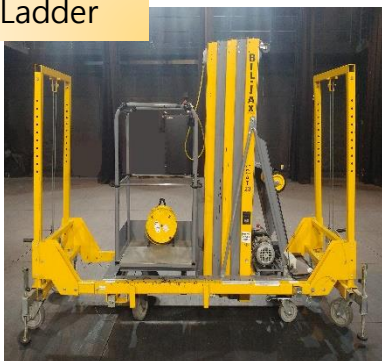


ST2C

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)