



[Ver.2026-07-24]

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

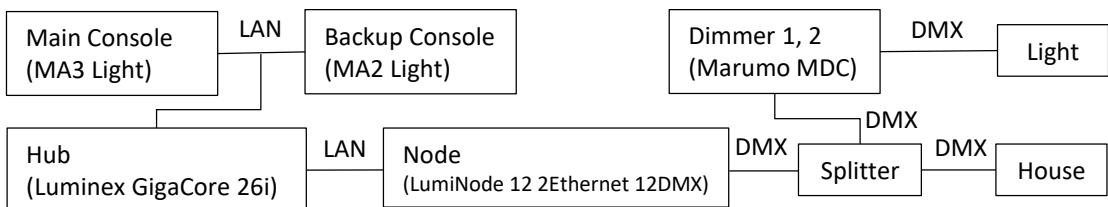
I . 전원 및 제어 시스템 Power & Control System

1. 전원 시스템 Power System

- Dimmer System : **MARUMO MDC (504ea)** 220V/60Hz 5Kw
- Remote Direct : **Switch (40ea)** 220V/60Hz 5Kw
- 4kw 이상 조명기 사용 시 사전 문의 바랍니다.
- Please contact us in advance if you plan to use lighting fixtures rated at 4Kw or higher.

2. 제어 시스템 Control System

- Signal System : DMX Universe – 12ea (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	AYRTON	KHAMSIN-S	1,150w	39.8kg	7° - 58°	13	Standard 42ch
							Basic 40ch
							Extend 64ch
	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	8°-70°	26	Installed Side Bridge 16ea
		LNC-400	2kw	16.2kg	4°-25°	30	Installed 1CL
	ADB	C-201	2kw	12.6kg	8°-58°	7	
Fresnel	MARUMO	LNM2- 120S1-T2	1.5kw	7.4kg	13°-55°	50	Installed 1,2,3 SUS 12ea
		FQH- 2000WS1	2kw	7.8kg	12°-64	10	
PAR	KUPO	Par 64 CP61	1kw	3kg	26°	91	Installed 1,2,3 SUS 12ea
		CP62			44°		
		Par46	250w	1kg	-	96	1Set-8ea



Item	Company	Model	Watt	Weight	Angle	Q	Remark
S-4	ETC	Body		-	-	90	Total Installed 48ea
		10°		6.8kg		18	Installed 2CL 12ea
		19°				4	-
		26°				13	-
		36°	750w	6.3kg		58	Installed Side Tower 32ea & Tomento 4ea & Slot 4ea
		50°				32	-
		Zoom 15-30		9.5kg		55	Installed Side Bridge 16ea & 1CL 6ea & Balcony 6ea & Box Boom 18ea
		Zoom 25-50		7.6kg		60	-
Flood	MARUMO	QCU-2	500w	2.5kg	-	20	-
Follow Spot	USHIO	SUPER SOL 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
Low Fog Machine	Base FX	WS-3000	3,000w	43kg	2	10M Tube
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-2000W	-	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	2set (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	아르코 예술극장 10ea 대학로 예술극장 7ea	1,000mm Extension pipe 85EA

- 공용 기자재는 공연장 대관 시작일 기준으로 1개월 전부터 협의 가능합니다.
- Shared equipment can be coordinated starting one month prior to the venue rental start date.

- 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

Circuits : 20



Size(mm)

14,400(W) x 550(D) x 450(H)

Up Limit 7,800mm

Down Limit 1000mm

Pipe ϕ 480mm

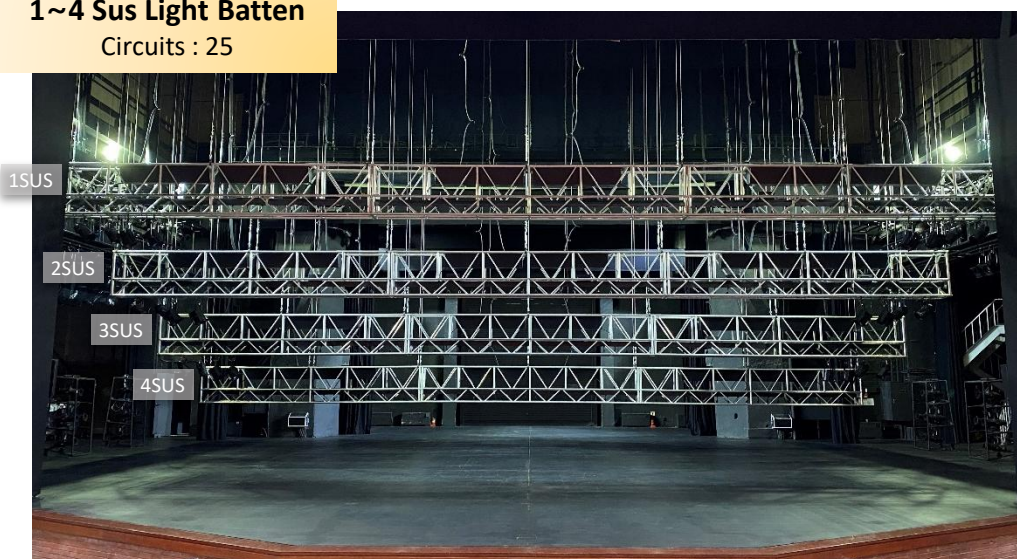
Weight 1,000kg

Speed(m/min) 1-12



1~4 Sus Light Batten

Circuits : 25



Size(mm)

18,000(W) x 500(D) x 1000(H)

Up Limit 11,000mm

Down Limit 1,000mm

Pipe ϕ 480mm

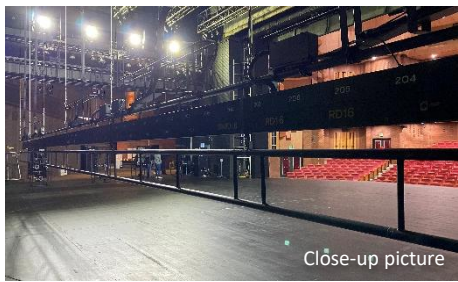
Weight 1,000kg

Speed(m/min) 1-12

1,2,3Sus batten LNM2-120S1-T1(1.5kw Fresnel) 12EA, Par64(CP61) 12EA Fixed



Upper Light Batten
Circuits : 18



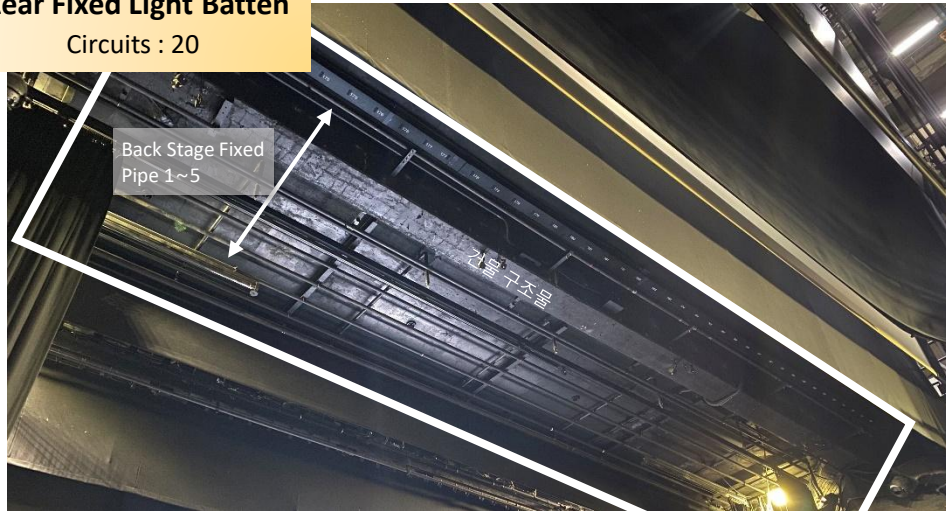
Size(mm)
18,400(W)
Up Limit 10,000mm
Down Limit 1000mm

Pipe ϕ 480mm
Weight 700kg
Speed(m/min) 1-12

(2) 후무대 Rear Stage

Rear Fixed Light Batten

Circuits : 20

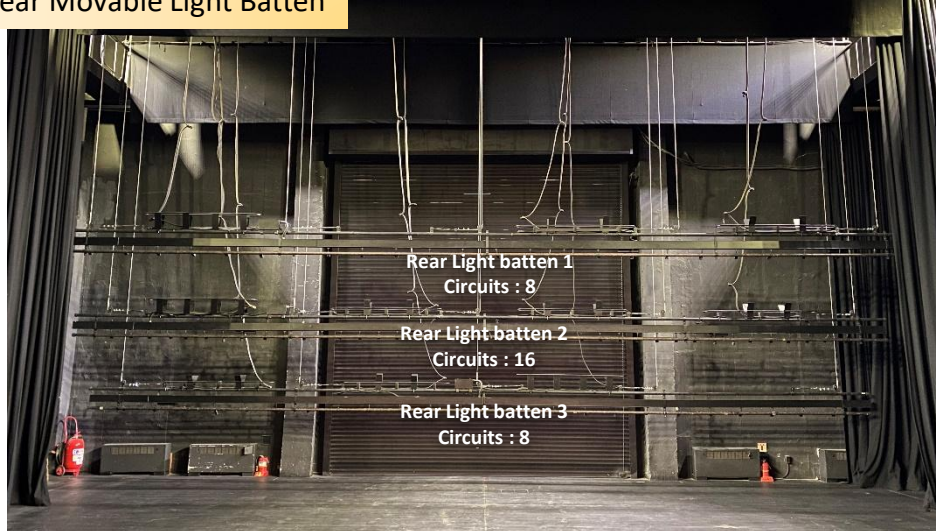


Size(mm) 14,700(W)

UP Limit 7,500(H)

Pipe ϕ 480mm

Rear Movable Light Batten



Size(mm) 13,000(W)

Speed(m/min) 1-8

Up Limit 7,600mm

Down Limit 1,000mm

Pipe ϕ 480mm

Weight 300kg

(3) 측무대 Side Stage

Tomento

Circuits : 16



Left & Right same

Size(mm)

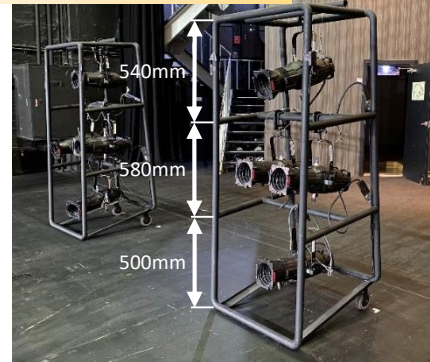
1,900(W) x 900(D) x 8,500(H)

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



Side Movable Lighting Bridge

No. 1&3 Side Lighting Bridge Circuits : 10

No. 2&4 Side Lighting Bridge Circuits : 15



Movable Side Tower

Total 4ea

Size(mm)

5,350(W) x 600(D) x 1,640(H)

Up Limit 4,800mm

Down Limit 1,000mm

Pipe ϕ 480mm

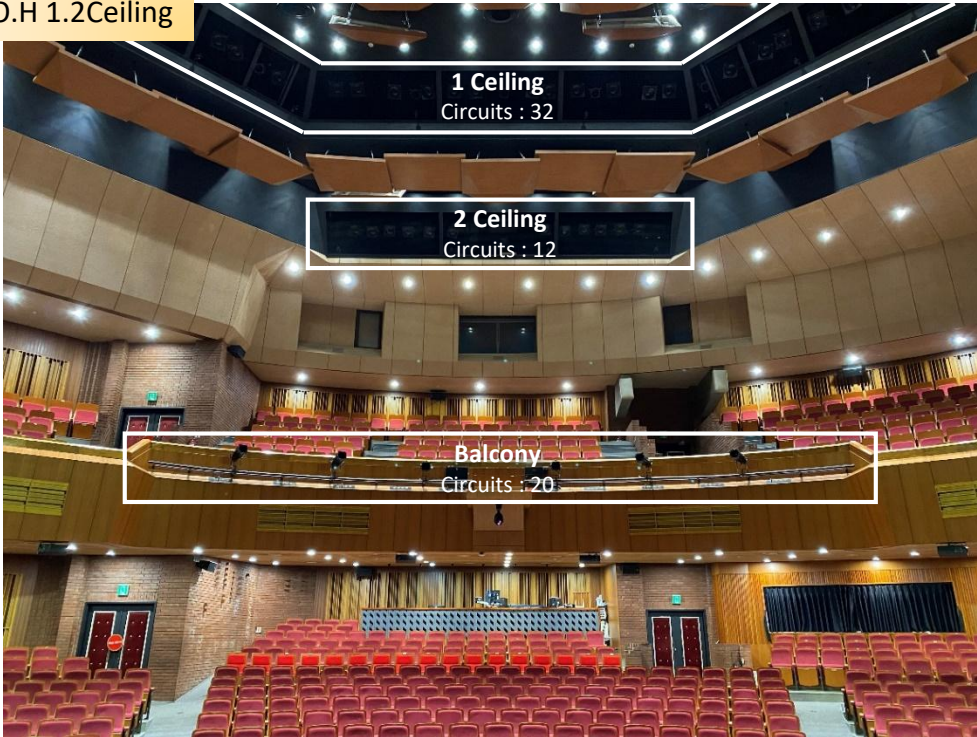
Weight 400kg

Speed(m/min) 1-12

S4 Zoom 15-30 16EA & CSQ-1000(1kw P·C) 16EA Fixed

2. 객석 Auditorium

F.O.H 1.2Ceiling



1 Ceiling
Circuits : 32

2 Ceiling
Circuits : 12

Balcony
Circuits : 20

1 Ceiling

LNC-400(2kw P-C) 30EA, S4 Zoom 15-30 6EA Fixed

Balcony S4 Zoom 15-30 6EA Fixed

2 Ceiling

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

Box Boom

Circuits : 12



Left & Right same

S4 Zoom15-30 18EA Fixed

Slot

Circuits : 5



Pipe 3ea

Left & Right same

S4 36° 4EA Fixed



IV. 기타사항 Etc.

1. 컬러 필터 리스트 Color Filter List

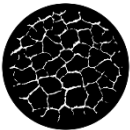
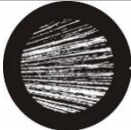
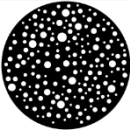
LEE FILTER

<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

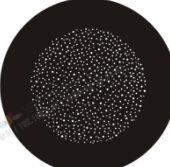
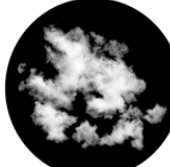
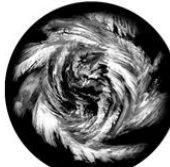
ROSCO FILTER

<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			

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 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)