



[Ver.2026-08-12]

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. Spot 라이트 고보 리스트 Spot Light Gobo List
3. 기타 참고 사진 Other Reference Photo

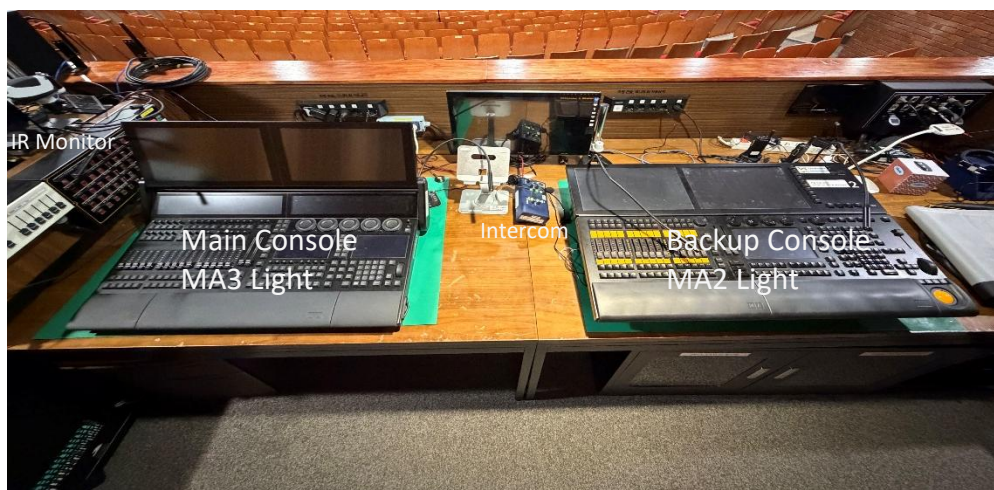
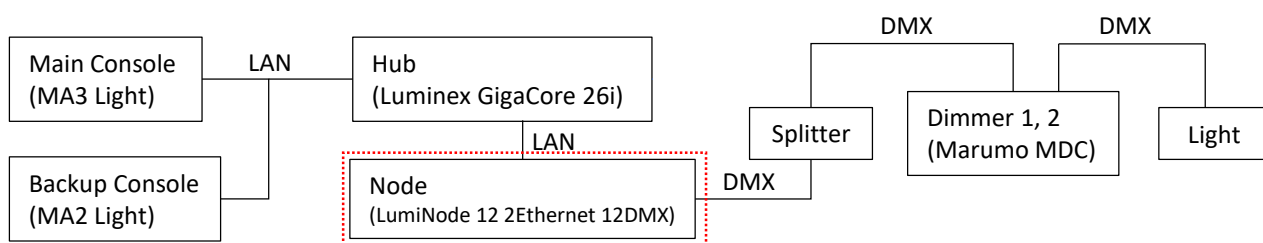
I . 전원 및 제어 시스템 Power & Control System

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 : Ethernet 12DMX (sACN / Parameters : 4096)
- * 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	Quantity	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		16	Mode1~4 1~7ch

3. 일반조명기 General Light

Item	Company	Model	Watt	Weight	Angle	Quantity	Remark
PC	MARUMO	CSQ-1000	1kw	10.2kg	8°-70°	26	Installed - Side Bridge 16ea
		LNC-400	2kw	16.2kg	4°-25°	30	Installed - 1CL 30ea
	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 CP62	1kw	3kg		91	Installed - 1,2,3 SUS 12ea
		Par46	250w	1kg	-	96	1Set-8ea



Item	Company	Model	Watt	Weight	Angle	Quantity	Remark
S-4	ETC	Body		-	-	90	Total Installed 52ea
		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	SUPERSOL 2009SR/e	2kw	51 kg	10° - 45°	2	Installed - 2CL 2ea

4. 포그 머신 Fog Machine

Item	Company	Model	Watt	Weight	Quantity	Remark
Haze	ANTARI	HZ-500	480w	31.5Kg	2	
Heavy Fog		Z-3000 III	2,500 w	19.1 kg	1	
Low Fog	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	Fresnel / PC	-	20	1.5Kw / 1Kw
		Fresnel	-	9	2Kw
	ADB	PC	-	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

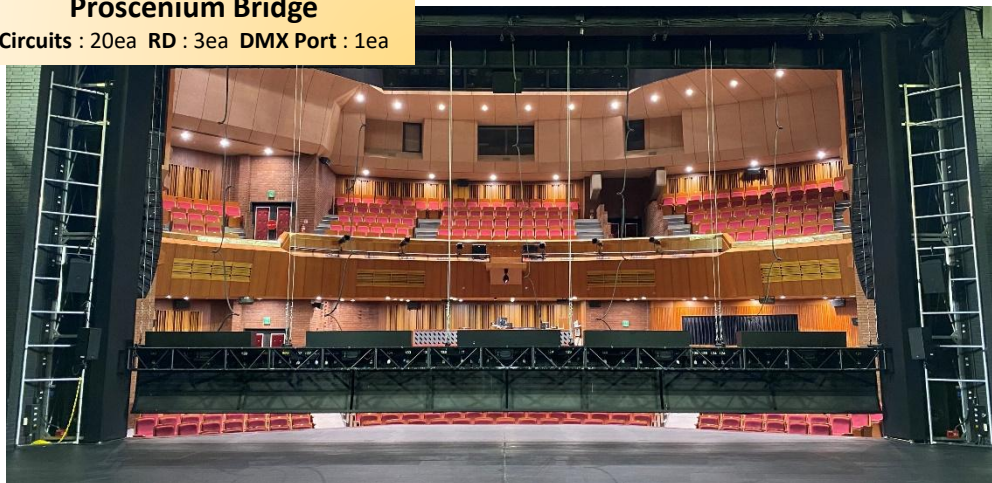
Ⅲ. 조명 설치 장소 Lighting Hanging Position

1. 무대 Stage

(1) 주무대 Main Stage

Proscenium Bridge

Circuits : 20ea RD : 3ea DMX Port : 1ea



Size(mm)

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

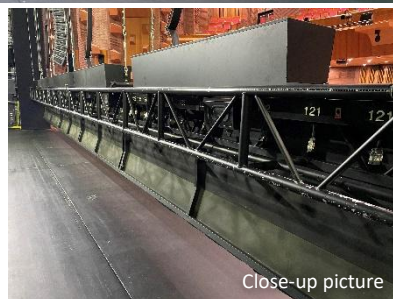
Up Limit 7,800mm

Down Limit 1000mm

Pipe 51φ

Weight 1,000kg

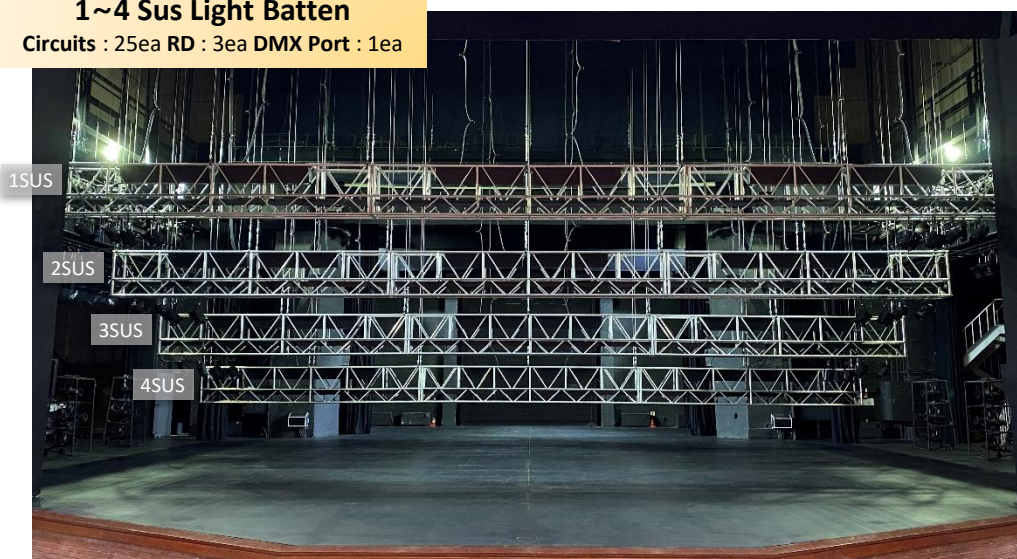
Speed(m/min) 1-12



Close-up picture

1~4 Sus Light Batten

Circuits : 25ea RD : 3ea DMX Port : 1ea



Size(mm)

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

Up Limit 11,000mm

Down Limit 1,000mm

Pipe 51φ

Weight 1,000kg

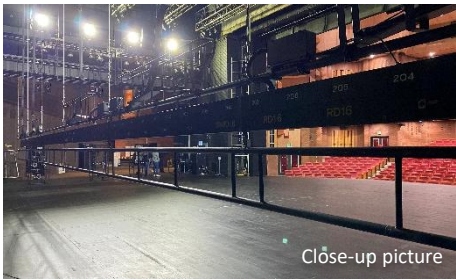
Speed(m/min) 1-12

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



Upper Light Batten

Circuits : 18ea RD : 3ea DMX port : 1ea



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

Pipe 48φ
Weight 700kg
Speed(m/min) 1-12

(2) 후무대 Rear Stage

Rear Fixed Light Batten

Circuits : 20ea RD : 1ea DMX port : 1ea

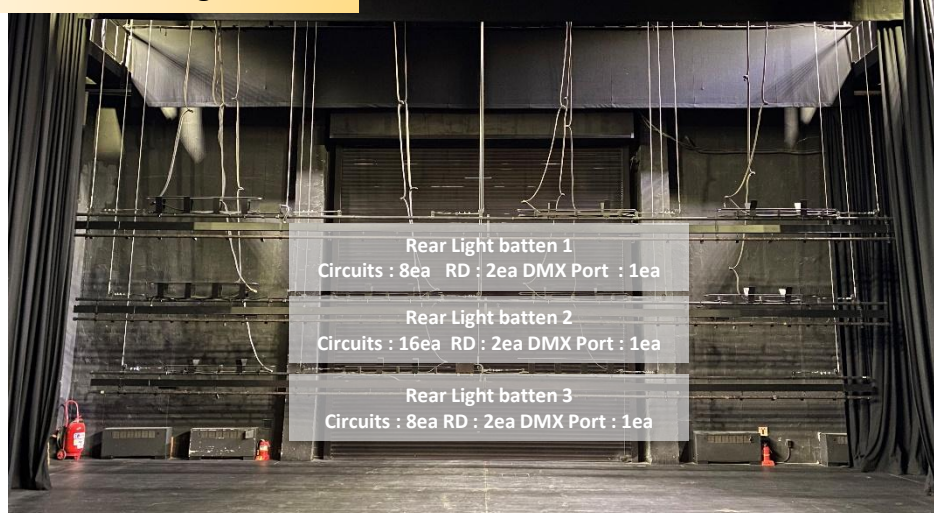


Size(mm) 14,700(W)

UP Limit 7,500(H)

Pipe 48φ

Rear Movable Light Batten



Rear Light batten 1
Circuits : 8ea RD : 2ea DMX Port : 1ea

Rear Light batten 2
Circuits : 16ea RD : 2ea DMX Port : 1ea

Rear Light batten 3
Circuits : 8ea RD : 2ea DMX Port : 1ea

Size(mm) 13,000(W)

Speed(m/min) 1-8

Up Limit 7,600mm

Down Limit 1,000mm

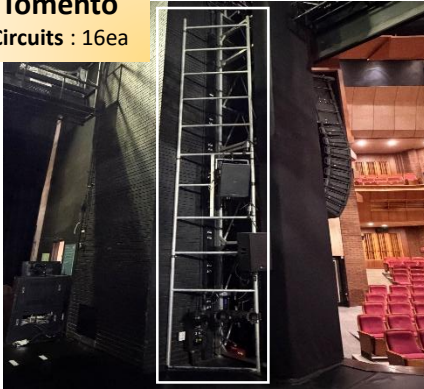
Pipe 48φ

Weight 300kg

(3) 측무대 Side Stage

Tomento

Circuits : 16ea



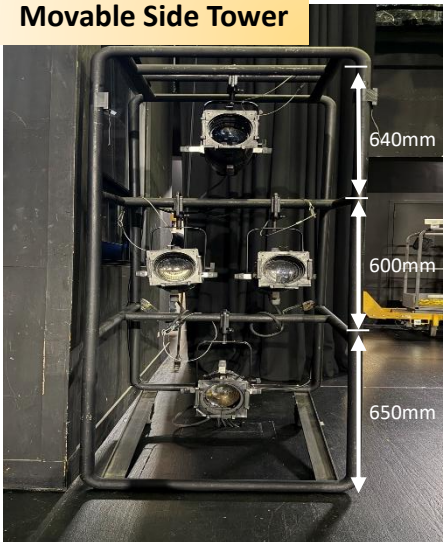
Left & Right same
Size(mm)

990(W) x (D) x 6,500(H)

Pipe 45φ, 10ea

S4 36° 2EA Installed

Movable Side Tower



Total 8EA

Size(mm)

790(W) x 760 (D) x 1,930(H)

Pipe 42.7 φ Step 3

S4 36° 4EA Installed

Spare Movable Side Tower



Total 1EA

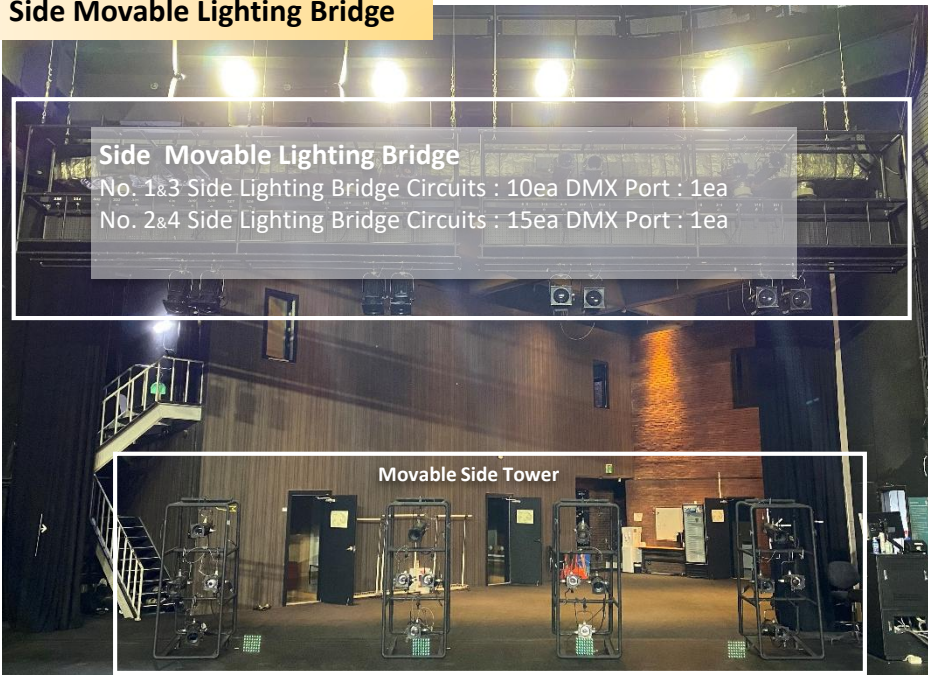
Size(mm)

795(W) x 760 (D) x 1,850(H)

Pipe 42.7 φ Step 3

(3) 측무대 Side Stage

Side Movable Lighting Bridge



Total 4ea

Size(mm)

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

Speed(m/min) 1-12

Up Limit 4,800mm

Down Limit 1,000mm

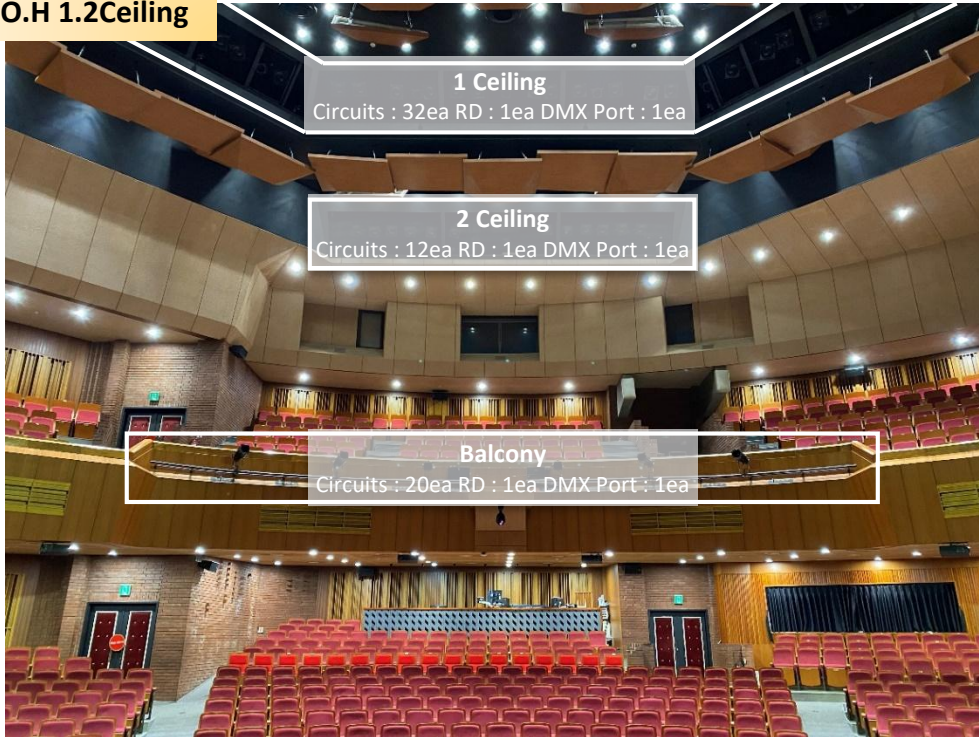
Pipe 51φ

Weight 400kg

S4 Zoom 15-30 16EA & CSQ-1000(1kw PC) 16EA Installed

2. 객석 Auditorium

F.O.H 1.2Ceiling



1 Ceiling

Circuits : 32ea RD : 1ea DMX Port : 1ea

2 Ceiling

Circuits : 12ea RD : 1ea DMX Port : 1ea

Balcony

Circuits : 20ea RD : 1ea DMX Port : 1ea

1 Ceiling

LNC-400(2kw PC) 30EA, S4 Zoom 15-30 6EA Installed

Balcony S4 Zoom 15-30 6EA Installed

2 Ceiling

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

Box Boom

Circuits : 12ea
RD : 1ea
DMX Port : 1ea



Left & Right same

S4 Zoom15-30 18EA Installed

Slot

Circuits : 5ea



Pipe 3ea

Left & Right same

S4 36° 2EA Installed



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. Spot 라이트 고보 리스트 Spot 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. Spot 라이트 고보 리스트 Spot 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)

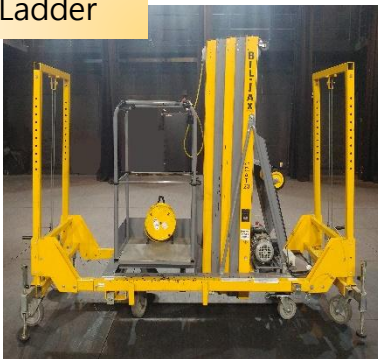


ST2C

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)

