

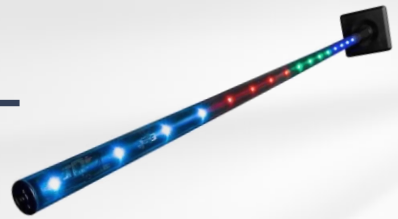


# Freedom Stick

- Unique and versatile free-standing LED array that adds pizzazz to any event: a centerpiece, truss warmer, room separator, aisle marker
- Battery-powered and built-in D-Fi receiver so can be placed anywhere
- Each LED can be pixel-mapped for show and programming creativity
- Detachable metal base allows for truss mounting
- Control auto and sound programs via DMX, wireless master/slave or the included IRC-6 remote

## Physical

Size of Unit	161 x 161 x 1500mm
Item Weight	7.5kg
Quantity in Case	Individual item
Cased Weight	Individual item



## Electrical

Rated Power	35w
Input Power	100v-240v AC, 50/60Hz
Power Connection	15 VDC, 800mA External power supply

## Mounting Options

Hanging Type	Eyelet
Freestanding	Floor stand
Expo LX	Yes

## Optical

Light Source	32 SMD LED's Tri colour
Beam Angle	360°
Colour Temperature	18500k
CRI	49
Light Output 2m	3
Light Output 4m	0
Light Output 6m	0

## Control

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Control Method	Static, Auto, Macro, Sound activated
DMX Channel List	3, 8, 48, 50 channel
DMX Connection Types	Wireless only

## Environmental

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IP Rating	45
Cooling	Convection
Max Operating Temperature	50°

## Compatibility

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DF-I Compatible box  
Has built in effects to work without box  
Won't work on DMX without Freedom Stick Wireless Transmitter

## Accessories Included

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Base plate  
Eye bolt

## Information Links

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Manufacturer Link [Chauvet DJ Freedom Stick](#)

User Manual [Freedom Stick User Manual](#)

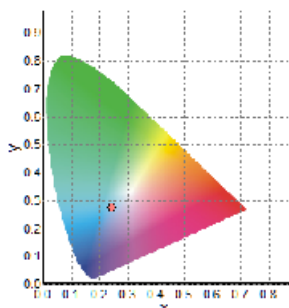
Data Sheet [Photometry Report](#)

# Report of Photometry & Chromaticity for Light Source



## Product Description

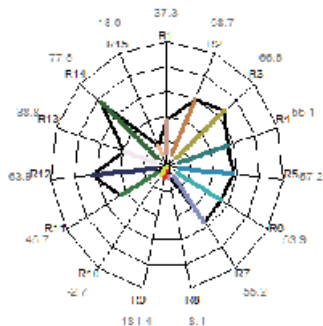
Product Name	Freedom Stick 1500cm Pixal Bar RGB	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 15:04:41	
Manufacturer	Chauvet	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		



CIE1931 Chromaticity Diagram

## Photometry and Chromaticity

CIE_x	0.2444	Duv	0.0167
CIE_y	0.2745	$\lambda_d$ (nm)	482.6
CIE_u'	0.1684	Purity(%)	35
CIE_v'	0.4256	FWHM(nm)	26
CCT(K)	18546	SP ratio	4.10
Illuminance(lx)	3	PPFD( $\mu\text{mol}/\text{m}^2/\text{s}$ )	0.1
$\lambda_p$ (nm)	463	CRI(Ra)	49
TLCI(Qa)	15.7	GAI	133.2
GAI BB8	123	GAI BB15	120
TM-30 Rf	49	TM-30 Rg	98



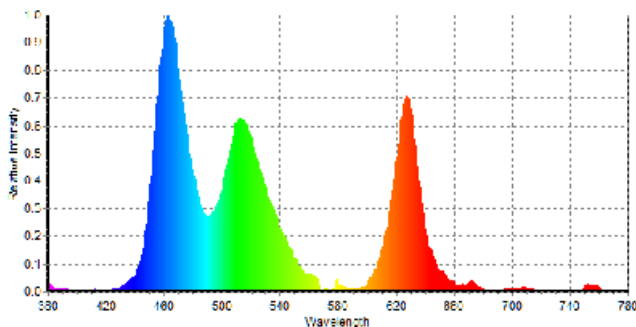
Radar Diagram of CRI

CQS-Qa	52	Re(thru R1~R15)	30
R1	37.3	R6	53.9
R2	58.7	R7	55.2
R3	66.6	R8	8.1
R4	55.1	R9	-181.4
R5	57.2	R10	-2.7
R11	45.7		
R12	63.9		
R13	38.8		
R14	77.5		
R15	18.0		

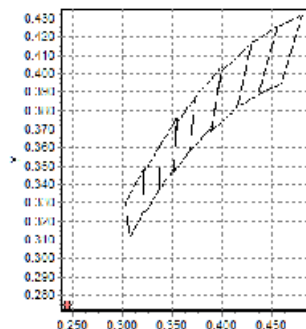
Flicker Frequency(Hz)

Flicker %

Flicker Index



Spectral Distribution



C78.377-2008