

Chauvet Ovation Profile 14 deg



- Full Colour LED (RGBAL) ERS-style lighting fixture for theatre, film and production.
- Ultra smooth 16-bit dimming of master dimmer and individual colours.
- Flat, even field of light with superior colour mixing.
- Virtual colour wheel with color matched to popular gel colors.
- Virtually silent operation for use in studio and theatre applications.
- Works perfectly with industry standard lens tubes and accessories.



Physical

Size of Unit	730 x 285 x 487mm
Item Weight	10.15kg
Quantity in Case	4
Size of Unit Cased	600 x 600 x 980mm
Cased Weight	89.6kg

Electrical

Rated Power	234w
Input Power	100-240v AC, 50/60Hz
Power Connection	PowerCON Connector

Mounting Options

Hanging Type	Yoke
Freestanding	No
Expo LX	No

Optical

Light Source	91 x 3watt LEDs / 18 Red, 18 green, 19 blue, 18 amber, 18 lime
Beam Angle	14°
Colour Temperature	2800k-6500k
CRI	77 @ 3500k
Light Output 2m	18328
Light Output 4m	5177
Light Output 6m	2353

Control

Control Method	DMX / RDM / Standalone
DMX Channel List	3, 5, 7, 10, 12, 13, 15 or HSV
DMX Connection Types	3pin / 5pin DMX

Environmental

IP Rating	IP20
Cooling	Fan
Max Operating Temperature	45°

Suitability

Highlighting features
Lectern spot

GOBO

Gobo holder available

Information Links

Manufacturer Link [Chauvet Ovation](#)

User Manual [Chauvet Ovation](#)

Reference Guide [Ovation Quick Reference Guide](#)

Photometry Report [Ovation Written Photometry Report](#)

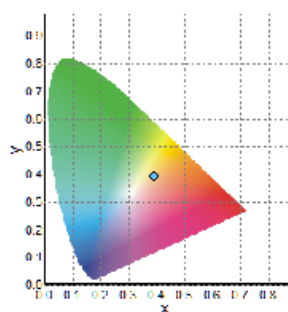
Data Sheet [Photometry Visual Report](#)

Report of Photometry & Chromaticity for Light Source

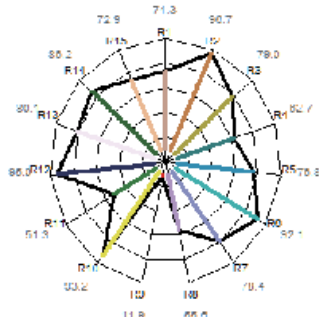


Product Description

Product Name	ovation 14 degree	
Sample Number		
Date(YYYY/MM/DD)	2020/5/20 16:52:53	
Manufacturer	Chauvet	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		



CIE1931 Chromaticity Diagram



Radar Diagram of CRI

Photometry and Chromaticity

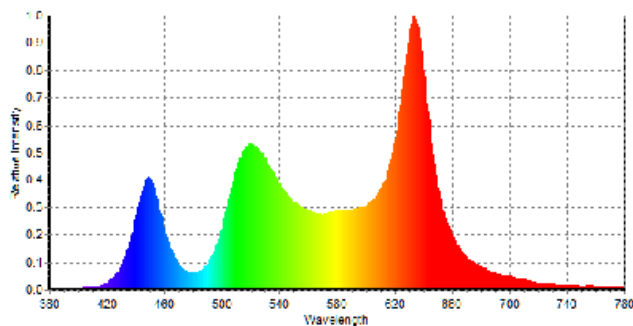
CIE_x	0.3944	Duv	0.0023
CIE_y	0.3901	λ_d (nm)	579.0
CIE_u'	0.2289	Purity(%)	35
CIE_v'	0.5094	FWHM(nm)	29
CCT(K)	3744	SP ratio	1.80
Illuminance(lx)	18328	PPFD($\mu\text{mol}/\text{m}^2\text{s}$)	291.4
λ_p (nm)	634	CRI(Ra)	77
TLCl(Qa)	61.3	GAI	85.0
GAI BB8	114	GAI BB15	112
TM-30 Rf	83	TM-30 Rg	113

CQS-Qa	86	Re(thru R1~R15)	74
R1	74.3	R6	92.1
R2	96.7	R7	78.4
R3	79.0	R8	55.6
R4	62.7	R9	11.9
R5	76.8	R10	93.2
		R11	51.3
		R12	95.0
		R13	80.1
		R14	86.2
		R15	72.9

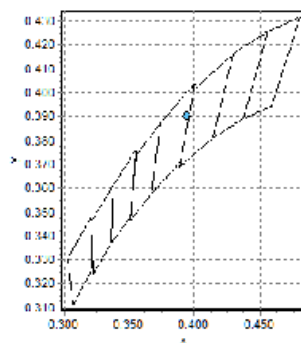
Flicker Frequency(Hz)

Flicker %

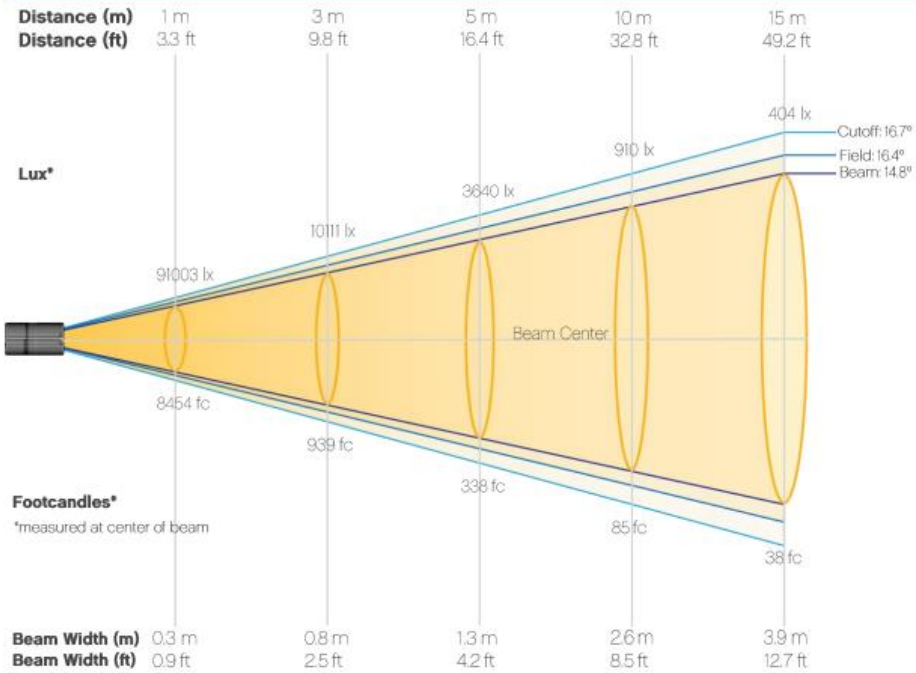
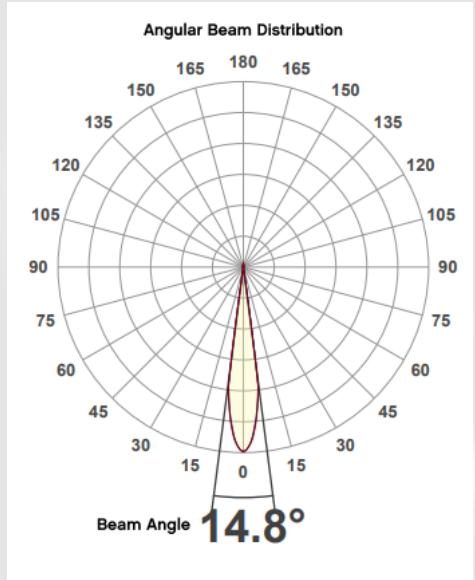
Flicker Index



Spectral Distribution



C78.377-2008



Beam illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	91003	22751	10111	5688	3640	2528	1857	1422	1123	910
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	752	632	538	464	404	355	315	281	252	228
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8454	2114	939	528	338	235	173	132	104	85
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	70	59	50	43	38	33	29	26	23	21