



Corona Tourpro

Vintage/Retro Style LED Luminaire combines elegant back light with layers of colour and effects all in one. Complete with 468 x 0.8W RGBWA LEDs and multiple segment control. The Corona achieves endless creativity and big impact on every scale. The vintage style LED Luminaire is both elegant & innovative, classical & modern, making it a unique fixture.

Physical

Size of Unit	494 x 462 x 265mm
Item Weight	8kg
Quantity in Case	2
Size of Unit Cased	770 x 600 x 740mm
Cased Weight	61kg



Electrical

Rated Power	400w 1.6amp
Input Power	100-240v AC 50/60Hz
Power Connection	PowerCON

Mounting Options

Hanging Type	Omega clamp
Freestanding	Yes
Expo LX	No

Optical

Light Source	336 RGB. 87 warm white, 45 warm white + amber led chip 0.8w CREE
Beam Angle	120°
Colour Temperature	6400k
CRI	56
Light Output 2m	523
Light Output 4m	182
Light Output 6m	97

Control

Control Method	DMX
DMX Mode	2, 7, 16, 51, 55, 64 channel
DMX Connection Types	3pin / 5pin DMX

Environmental

IP Rating	20
Cooling	Fan
Max Operating Temperature	40°

Suitability

- Backdrops on stage for eye candy look
- Camera looks
- Light with ring control

Information Links

Manufacturer Link [User Manual](#)

Data Sheet [Specification Sheet](#)

Data Sheet [Photometry Report](#)

Report of Photometry & Chromaticity for Light Source

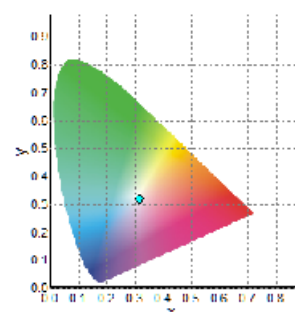


Product Description

Product Name	Corona Retro light	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 16:43:13	
Manufacturer	ShowTools	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		

Photometry and Chromaticity

CIE_x	0.3154	Duv	-0.0030
CIE_y	0.3199	λ_d (nm)	481.2
CIE_u'	0.2032	Purity(%)	7
CIE_v'	0.4637	FWHM(nm)	28
CCT(K)	6423	SP ratio	2.68
Illuminance(lx)	523	PPFD($\mu\text{mol}/\text{m}^2\text{s}$)	9.5
λ_p (nm)	635	CRI(Ra)	56
TLCI(Qa)	37.0	GAI	130.3
GAI B88	134	GAI BB15	130
TM-30 Rf	69	TM-30 Rg	115



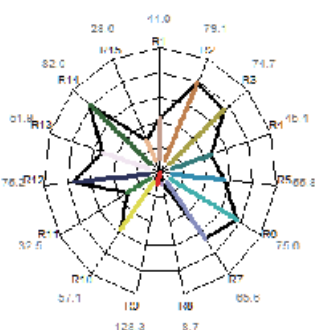
CIE1931 Chromaticity Diagram

CQS-Qa		76	Re(thru R1~R15)	43	
 R1	44.0	 R6	75.6	 R11	32.5
 R2	79.1	 R7	65.6	 R12	75.2
 R3	74.7	 R8	8.7	 R13	51.9
 R4	45.4	 R9	-128.3	 R14	82.0
 R5	55.8	 R10	57.1	 R15	28.6

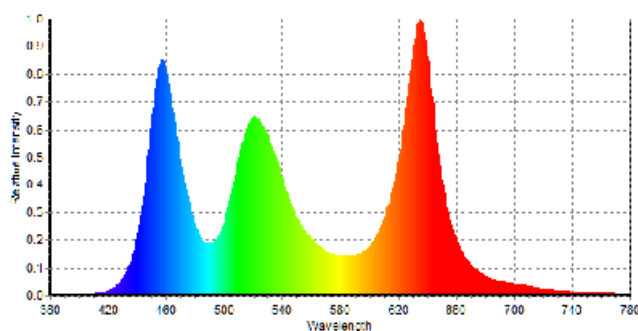
Flicker Frequency(Hz)

Flicker %

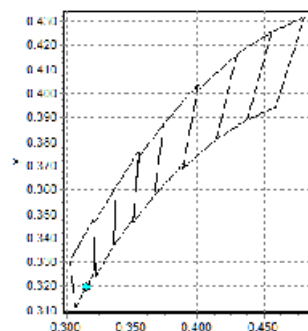
Flicker Index



Radar Diagram of CRI



Spectral Distribution



C78.377-2008