



LED Show Spot 310w

310w showspot is an ultra bright expo light. It is dimmable, DMX compatible, has barndoors and can have gel frame installed.



Physical

Size of Unit	270r x 440mm long
Item Weight	9kg
Quantity in Case	6
Size of Unit Cased	1130 x 600 x 890mm
Cased Weight	105kg

Electrical

Rated Power	260watt
Input Power	100-240v AC 50/60hz
Power Connection	Powercon connector

Mounting Options

Hanging Type	Yoke
Freestanding	No
Expo LX	Yes

Optical

Light Source	COB LED White Chip
Beam Angle	25° conical
Colour Temperature	6400k
CRI	69
Light Output 2m	28195
Light Output 4m	7366
Light Output 6m	3396

Control

Control Method	Stand alone / DMX
DMX Mode	2ch
DMX Channel List	-
DMX Connection Types	3pin DMX

Environmental

IP Rating	IP45
Cooling	Fan
Max Operating Temperature	50°

Compatibility

Good for Expo lighting, is very bright, picks up metallic paint very well, dimmable via DMX or stand alone

Information Links

Manufacture Link [Harry the hirer](#)

Data Sheet [Photometry Report](#)

Report of Photometry & Chromaticity for Light Source

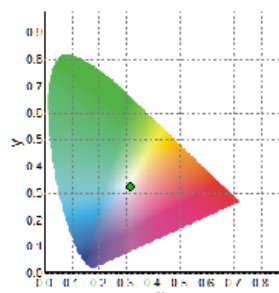


Product Description

Product Name	LED Show Spot 310w	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 10:12:07	
Manufacturer		
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		

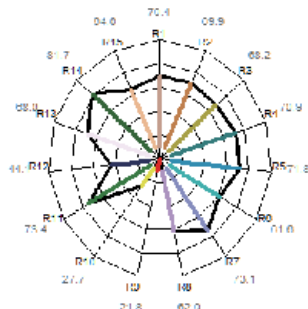
Photometry and Chromaticity

CIE_x	0.3151	Duv	-0.0008
CIE_y	0.3236	λ_d (nm)	484.5
CIE_u'	0.2016	Purity(%)	7
CIE_v'	0.4657	FWHM(nm)	26
CCT(K)	6415	SP ratio	1.91
Illuminance(lx)	28195	PPFD($\mu\text{mol}/\text{m}^2\text{s}$)	410.1
λ_p (nm)	439	CRI(Ra)	69
TLCI(Qa)	43.8	GAI	90.6
GAI BB8	93	GAI BB15	95
TM-30 Rf	63	TM-30 Rg	97



CIE1931 Chromaticity Diagram

CQS-Qa	69	Re(thru R1~R15)	59
R1	70.4	R6	61.6
R2	69.9	R7	73.1
R3	68.2	R8	62.0
R4	70.9	R9	-21.8
R5	71.8	R10	27.7
		R11	73.4
		R12	44.1
		R13	68.0
		R14	81.7
		R15	64.0

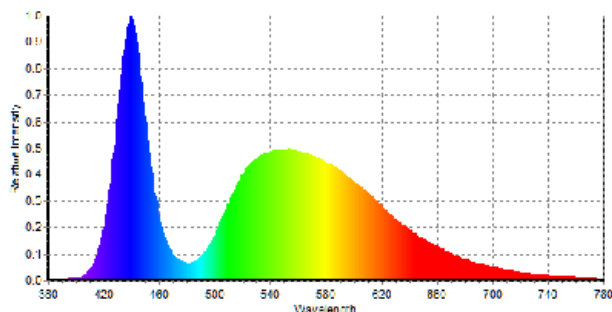


Radar Diagram of CRI

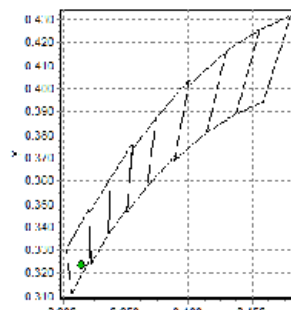
Flicker Frequency(Hz)

Flicker %

Flicker Index



Spectral Distribution



C78.377-2008