Harry the hirer Productions

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Harry the hirer
150w LED ShowFlood

150w LED Show Flood

A very warm coloured (4000k) wide flood light suitable for lighting large areas at low heights.

Physical

Size of Unit	430R x 200mm deep
Item Weight	8kgs
Quantity in Case	8
Size of Unit Cased	1340 x 110 x 940mm
Cased Weight	166kgs

Electrical

Rated Power	160w
Input Power	100v-240v 50/60Hz
Power Connection	Fixed piggyback plug

Mounting Options

Hanging Type	Clamp or eyebolt
Freestanding	No
Expo LX	Yes

Optical

Light Source	150w COB
Beam Angle	160°
Colour Temperature	3900k
CRI	84
Light Output 2m	1667
Light Output 4m	497
Light Output 6m	259

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Control

Control Method	Non Dimmable
DMX Mode	No
DNX Channel List	No
DMX Connection Types	No

Environmental

IP Rating	IP65
Cooling	Heatsink
Max operating temperature	-

Suitability

Softer warmer white than the 150w LED Honeycomb

Information Links

Manufacturer Link Harry the hirer

Data Sheet Photometry Report

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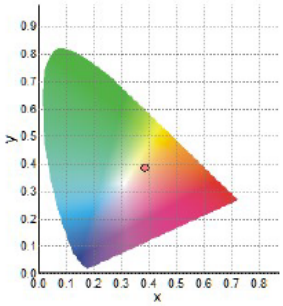
Report of Photometry & Chromaticity for Light Source

Product Description

Product Name	150w Show Flood non dim warm white		
Sample Number			
Date(YYYY/MM/DD)	2020/5/6 10:30:50		
Manufacturer	HTH		
Tester	HTH		
Temperature(°C)	20	Re. Humidity(%)	
Reviewer			



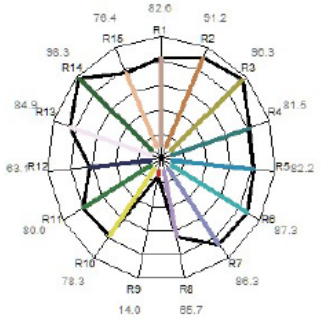
CIE1931 Chromaticity Diagram

Photometry and Chromaticity

CIE_x	0.3859	Duv	0.0016
CIE_y	0.3835	λd(nm)	578.6
CIE_u'	0.2260	Purity(%)	31
CIE_v'	0.5053	FWHM(nm)	152
CCT(K)	3905	SP ratio	1.69
Illuminance(lx)	1667	PPFD(μmol/m² s)	24.3
λp(nm)	594	CRI(Ra)	84
TLCI(Qa)	71.8	GAI	69.5
GAI BB8	90	GAI BB15	95
TM-30 Rf	83	TM-30 Rg	94

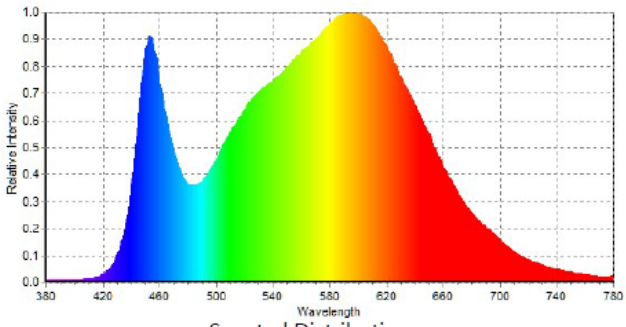
CQS-Qa	84	Re(thru R1~R15)	78

R1	82.6	R6	87.3	R11	80.0
R2	91.2	R7	86.3	R12	63.1
R3	96.3	R8	65.7	R13	84.9
R4	81.5	R9	14.0	R14	98.3
R5	82.2	R10	78.3	R15	76.4

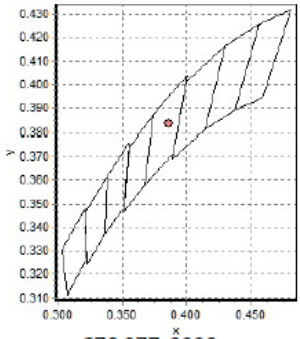


Radar Diagram of CRI

Flicker Frequency(Hz)	Flicker %
Flicker Index	



Spectral Distribution



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