Harry the hirer Productions

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Harry the hirer
70w LED

70w LED Flood Light

- Good for exhibitions, catering, outdoor lighting
- Suitable for trees, gardens, pathways
- Weatherproof fitting
- A low powered, high output flood light largely due to the smart lens concentrating the beam output

Physical

Size of Unit	220 x 250 x 140mm
Item Weight	3.7kg
Quantity in Case	Individual item
Size of Unit Cased	Individual item
Cased Weight	Individual item

Electrical

Rated Power	72w
Input Power	240v
Power Connection	Fixed plug

Mounting Options

Hanging Type	Yoke
Freestanding	No
Expo LX	Yes

Optical

Light Source	70w COB
Beam Angle	60° Conical
Colour Temperature	4200k
CRI	72
Light Output 2m	1813
Light Output 4m	492
Light Output 6m	245

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Control

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

Environmental

IP Rating	IP65
Cooling	Heatsink
Max operating temperature	80°

Compatibility

Good for tree up-lighting
Expo flood lighting (at lower trim height)

Information Links

Manufacturer Link Harry the hirer

Data Sheet Photometry Report

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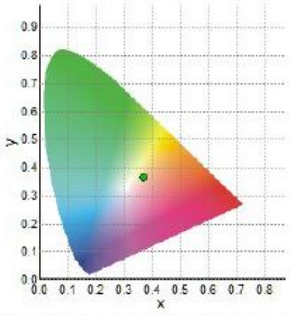
Report of Photometry & Chromaticity for Light Source

Product Description

Product Name	70W LED Flood dimmable		
Sample Number			
Date(YYYY/MM/DD)	2020/5/7 16:17:20		
Manufacturer	HTH		
Tester	HTH		
Temperature(°C)	20	Re. Humidity(%)	
Reviewer			

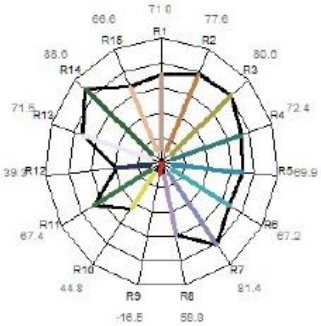


CIE1931 Chromaticity Diagram

Photometry and Chromaticity

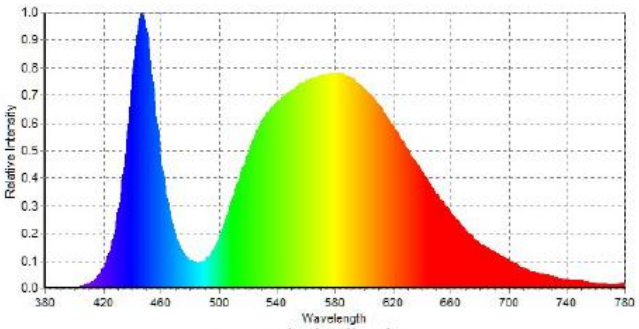
CIE_x	0.3676	Duv	-0.0017
CIE_y	0.3649	λd(nm)	579.1
CIE_u'	0.2214	Purity(%)	20
CIE_v'	0.4943	FWHM(nm)	25
CCT(K)	4290	SP ratio	1.57
Illuminance(lx)	2838	PPFD(μmol/m² s)	39.6
λp(nm)	447	CRI(Ra)	72
TLCI(Qa)	45.7	GAI	77.8
GAI BB8	93	GAI BB15	99
TM-30 Rf	69	TM-30 Rg	96

CQS-Qa	71	Re(thru R1~R15)	63		
R1	71.0	R6	67.2	R11	67.4
R2	77.6	R7	81.4	R12	39.3
R3	80.6	R8	58.8	R13	71.5
R4	72.4	R9	-16.5	R14	88.6
R5	69.9	R10	44.8	R15	66.6

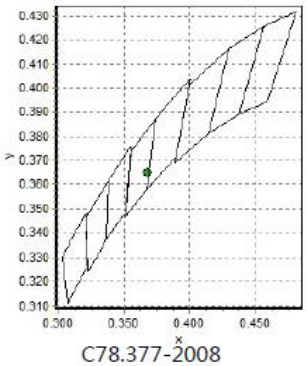


Radar Diagram of CRI

Flicker Frequency(Hz)	Flicker %
Flicker Index	



Spectral Distribution



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