Harry the hirer Productions

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Niklite LED Flood

Harry the hirer
LED Niklite

Outdoor LED wash fitting self supporting base adjustable lens for focusing full RGBW color mixing, DMX compatible.

Physical

Size of Unit	427 x 196 x 190mm
Item Weight	13.5kg
Quantity in Case	4
Cased Weight	83kg
Size of Case	600 x 600 x 800mm

Electrical

Rated Power	200watt
Input Power	100-240v AC 50/60hz
Power Connection	PowerCON TRUE1 TOP

Mounting Options

Hanging Type	Omega Bracket and Clamp
Freestanding	Yes base
Expo LX	-

Optical

Light Source	24 x 8w high power RGBW LEDs
Beam Angle	25° conical
Colour Temperature	6300k
CRI	68
Light Output 2m	5567
Light Output 4m	1480
Light Output 6m	726

Control

Control Method	DMX / Auto / Stand alone / Inbuilt Macro
DMX Mode	3 / 4 / 5 / 6 / 11 channel
DMX Channel List	-
DMX Connection Types	3pin DMX

Environmental

IP Rating	IP67
Cooling	Heatsink
Max Operating Temperature	40°

Compatibility

- Ideal for uplighting trees, gardens as can get wet
- Sits on its own base
- Adjustable for focusing

Information Links

Manufacture Link Harry the hirer

Data Sheet Photometry Report

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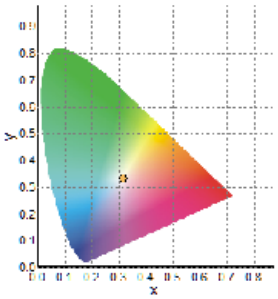
Report of Photometry & Chromaticity for Light Source

Product Description

Product Name	Niklite LED Flood RGBW weatherproof		
Sample Number			
Date(YYYY/MM/DD)	2020/5/7 13:06:49		
Manufacturer	HTH		
Tester	HTH		
Temperature(°C)	20	Re. Humidity(%)	
Reviewer			

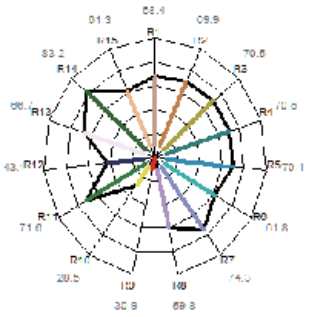


CIE1931 Chromaticity Diagram

Photometry and Chromaticity

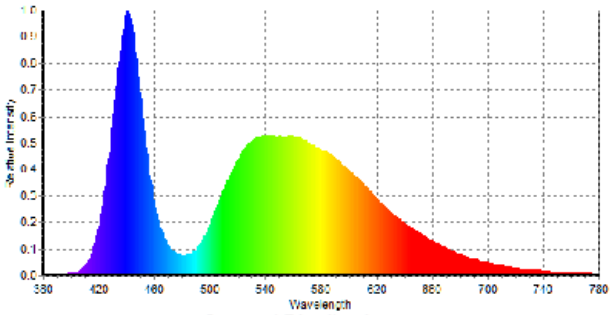
CIE_x	0.3157	Duv	0.0026
CIE_y	0.3308	λd(nm)	489.9
CIE_u'	0.1993	Purity(%)	6
CIE_v'	0.4697	FWHM(nm)	26
CCT(K)	6331	SP ratio	1.92
Illuminance(lx)	5567	PPFD(μmol/m² s)	78.9
λp(nm)	441	CRI(Ra)	68
TLCI(Qa)	44.3	GAI	87.4
GAI BB8	90	GAI BB15	93
TM-30 Rf	64	TM-30 Rg	96

CQS-Qa	69	Re(thru R1~R15)	58		
R1	68.4	R6	61.8	R11	71.6
R2	69.9	R7	74.3	R12	43.1
R3	70.5	R8	59.8	R13	66.7
R4	70.5	R9	-30.9	R14	83.2
R5	70.1	R10	28.5	R15	61.3

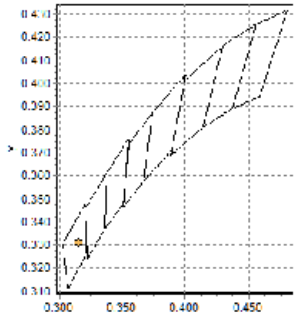


Radar Diagram of CRI

Flicker Frequency(Hz)	Flicker %
Flicker Index	



Spectral Distribution



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