



## PW LED Flood

- Outdoor LED wash fitting
- Self supporting base
- Adjustable lens for focusing
- Full RGBW colour mixing
- DMX compatible

### Physical

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Size of Unit	340 x 490 x 200mm
Item Weight	11.8kg
Quantity in Case	3
Cased Weight	59kg
Size of unit cased	710 x 580 x 510mm



### Electrical

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Rated Power	160watt
Input Power	100-240v AC 50hz
Power Connection	Fixed lead with plugtop

### Mounting Options

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Hanging Type	2 x Omega Clamps
Freestanding	Yes base
Expo LX	-

### Optical

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Light Source	24 x RGBW quad LED
Beam Angle	90 x 45°
Colour Temperature	7250k
CRI	80
Light Output 2m	4952
Light Output 4m	1348
Light Output 6m	593

## Control

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Control Method	DMX / Auto / Stand alone
DMX Mode	4ch
DMX Channel List	-
DMX Connection Types	3pin DMX in/out

## Environmental

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IP Rating	IP65
Cooling	Heatsink
Max Operating Temperature	50°

## Compatibility

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- Ideal for up-lighting trees, gardens as can get wet

## Colour

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Full RBGW mixing

## Information Links

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Manufacture Link [Harry the hirer](#)

Photometry Report [Report](#)

## Report of Photometry & Chromaticity for Light Source

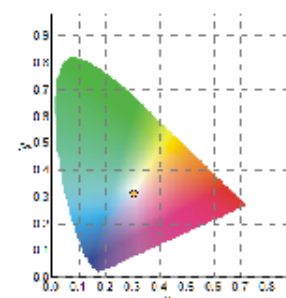


### Product Description

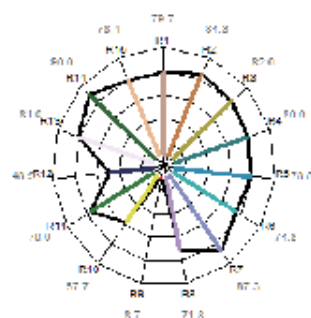
Product Name	PW Led Flood RGBW	
Sample Number		
Date(YYYY/MM/DD)	2020/6/10 15:17:10	
Manufacturer	hth	
Tester		
Temperature(°C)	21	Re. Humidity(%)
Reviewer		

### Photometry and Chromaticity

CIE <sub>x</sub>	0.3041	Duv	-0.0025
CIE <sub>y</sub>	0.3096	λ <sub>d</sub> (nm)	480.2
CIE <sub>u'</sub>	0.1992	Purity(%)	12
CIE <sub>v'</sub>	0.4563	FWHM(nm)	28
CCT(K)	7251	SP ratio	2.24
Illuminance(lx)	4952	PPFD(μmol/m <sup>2</sup> s)	74.7
λ <sub>p</sub> (nm)	452	CRI(Ra)	80
TLCI(Qa)	57.4	GAI	92.1
GAI BB8	92	GAI BB15	96
TM-30 Rf	75	TM-30 Rg	94
CQS-Qa	74	Re(thru R1~R15)	72



CIE1931 Chromaticity Diagram



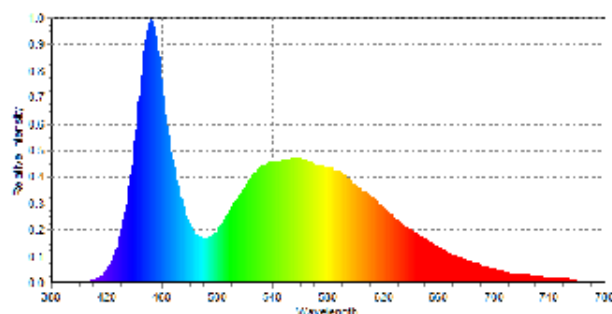
Radar Diagram of CRI

R1	79.7	R6	74.8	R11	76.0
R2	84.3	R7	87.3	R12	48.9
R3	82.6	R8	71.8	R13	81.0
R4	80.0	R9	8.7	R14	90.0
R5	78.8	R10	57.7	R15	78.4

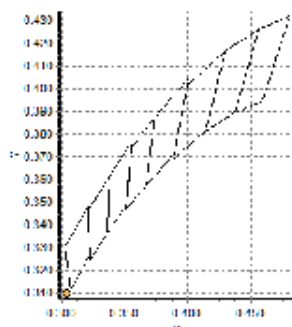
Flicker Frequency(Hz)

Flicker %

Flicker Index



Spectral Distribution



C78.377-2008