



# 10w LED Flood

- Small, compact, waterproof
- A good option for a MR16 replacement filling
- Dimmable fitting, 0-100% no flicker



## Physical

Size of Unit	80 x 100 x 70mm
Item Weight	0.4kg
Quantity in Case	10
Size of Unit Cased	700H x 300W x 310mmD
Cased Weight	20kg

## Electrical

Rated Power	10w
Input Power	100-240v 50/60Hz
Power Connection	Fixed cable piggyback plug

## Mounting Options

Hanging Type	Yoke
Freestanding	No
Expo LX	Yes

## Optical

Light Source	10w LED
Beam Angle	10° Conical
Colour Temperature	4200k
CRI	74
Light Output 2m	461
Light Output 4m	111
Light Output 6m	59

## Environmental

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IP Rating	IP65
Cooling	Heatsink
Max operating temperature	80°

## Suitability

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The Atrium marquee – on the legs or gable ends  
Small Up-lighting  
Hedge Lighting  
Lightweight and can be cable tied in place

## Information Links

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Manufacturer Link [Harry the hirer](#)

Data Sheet [Photometry Report](#)

## Report of Photometry & Chromaticity for Light Source

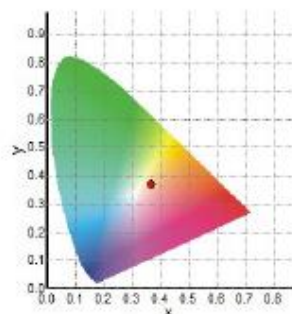


### Product Description

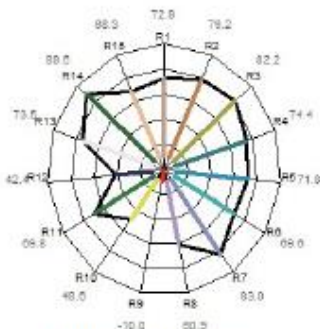
Product Name	10w Flood dimmable	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 10:02:56	
Manufacturer	HTH	
Tester	HTH	
Temperature( °C)	20	Re. Humidity(%)
Reviewer		

### Photometry and Chromaticity

CIE_x	0.3706	Duv	-0.0005
CIE_y	0.3693	$\lambda_d$ (nm)	578.5
CIE_u'	0.2215	Purity(%)	22
CIE_v'	0.4968	FWHM(nm)	26
CCT(K)	4230	SP ratio	1.58
Illuminance(lx)	461	PPFD( $\mu\text{mol}/\text{m}^2 \text{ s}$ )	6.5
$\lambda_p$ (nm)	448	CRI(Ra)	74
TLCI(Qa)	50.2	GAI	76.6
GAI BB8	93	GAI BB15	98
TM-30 Rf	72	TM-30 Rg	96



CIE1931 Chromaticity Diagram



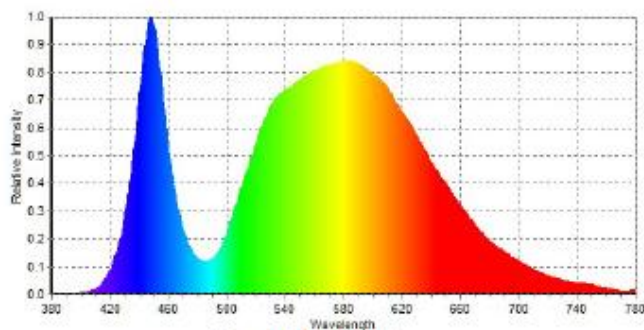
Radar Diagram of CRI

CQS-Qa	73	Re(thru R1~R15)	65
R1	72.9	R6	69.6
R2	79.2	R7	83.0
R3	82.2	R8	60.9
R4	74.4	R9	-10.0
R5	71.8	R10	48.6
		R11	69.8
		R12	42.4
		R13	73.5
		R14	89.5
		R15	68.3

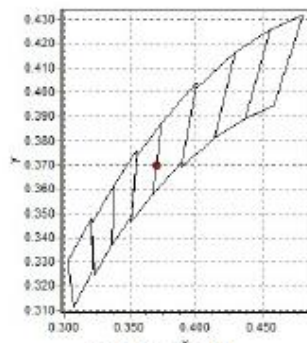
Flicker Frequency(Hz)

Flicker %

Flicker Index



Spectral Distribution



C78.377-2008