



MagicBlok

- Square LED wash light
- Pixel mappable bright
- RGBW colour
- Adjustable white temperature
- Lightweight

Physical

Size of Unit	500 x 395 x 570mm
Item Weight	20kg
Quantity in Case	2
Cased Weight	108kg
Size of Unit Cased	990 x 600 x 920mm



Electrical

Rated Power	600w
Input Power	100-240v AC 50/60Hz
Power Connection	PowerCON

Mounting Options

Hanging Type	Omega brackets w/trigger clamps
Freestanding	Yes – base of unit
Expo LX	Yes

Optical

Light Source	36 x 15w high powered LEDs
Beam Angle	7°
Colour Temperature	6799k
CRI	75>
Light Output 2m	46747
Light Output 4m	15484
Light Output 6m	5762

Control

Control Method	DMX
DMX Mode	18ch / 20ch / 160ch
DMX Channel List	See manual
DMX Connection Types	3pin / 5pin DMX / Artnet / Sound mode / Master / Slave

Environmental

IP Rating	IP20
Cooling	Fan cooling
Max Operating Temperature	40°

Compatibility

- Good wash light
- Zoomable Leds
- Can be pixel mapped to create letters or images
- Good for backdrops and eye candy looks

Accessories Included

2 x omega clamps w/trigger clamps
1 x Safety chain
1 x Power cable

GOBO

None on this unit

Colour

RGB colour mixing

Information Links

Manual [MagicBlok](#)

Data Sheet [Photometry Report](#)

Report of Photometry & Chromaticity for Light Source

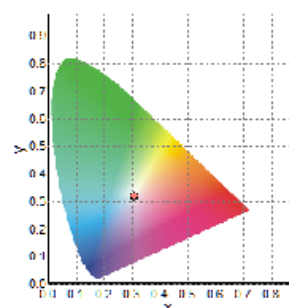


Product Description

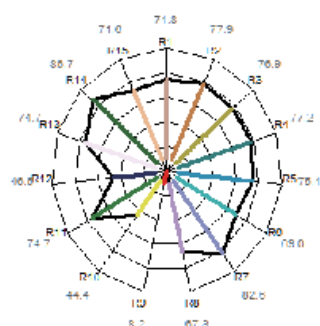
Product Name	Magicblok	
Sample Number		
Date(YYYY/MM/DD)	2020/5/7 13:47:35	
Manufacturer	HTH	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		

Photometry and Chromaticity

CIE_x	0.3093	Duv	-0.0008
CIE_y	0.3180	λ_d (nm)	483.0
CIE_u'	0.1997	Purity(%)	9
CIE_v'	0.4618	FWHM(nm)	28
CCT(K)	6800	SP ratio	2.09
Illuminance(lx)	46747	PPFD($\mu\text{mol}/\text{m}^2 \text{ s}$)	686.3
λ_p (nm)	449	CRI(Ra)	75
TLCl(Qa)	53.5	GAI	90.5
GAI BB8	91	GAI BB15	95
TM-30 Rf	71	TM-30 Rg	96



CIE1931 Chromaticity Diagram



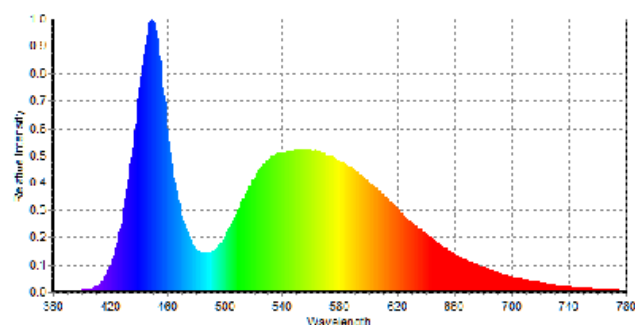
Radial Diagram of CRI

CQS-Qa		72	Re(thru R1~R15)		66
 R1	74.8	 R6	69.0	 R11	74.7
 R2	77.9	 R7	82.6	 R12	46.6
 R3	76.9	 R8	67.3	 R13	74.7
 R4	77.2	 R9	-8.2	 R14	86.7
 R5	75.4	 R10	44.4	 R15	71.6

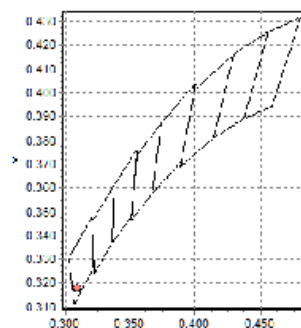
Flicker Frequency(Hz)

Flicker %

Flicker Index



Spectral Distribution



C78.377-2008