

7" Retaining Wall/Step Lights 12V AC/DC 2W (3000K & RGBW)

SPECIFICATIONS

3000K (2700K with Lens)



Model No.	HSC2-2W-FLT-30K
Voltage	12V AC/DC
Wattage	2W
Color Temperature	3000K (2700K with lens)
Brightness	180 Lumens
Light Source	6 SMD
Wire Gauge	5ft of AWG22
Beam Angle	45°
Dimmable	No
Dimensions	175mm x 75mm (6.875" x 2.95")
IP Rating	IP67 (Outdoor rated)
Certification	cUL/ETL

SKU: 666561418182

FEATURES

- Widely Used:** Powered by 12V AC/DC voltage. This light can illuminate landscape steps, retaining walls, decks, flowerbeds, and masonry walls.
- High Lumen Lighting:** Emitting 180Lm of 3000K (2700 with lens) soft white light, this LED hardscape light only needs 2W to match the output of a 1W halogen light. The 45° downward beam angle eliminates glare, while the CRI of 90 displays the true colors of objects.
- Quality Assurance:** HSC2-2W-FLT-30K hardscape light's high quality and safe use are assured. It has a long 40,000hrs lifespan and comes with a two years warranty.
- Tips:** This product only contains lights and does not contain a low-voltage power supply. The power supply needs to be purchased separately. But our landscape lights can work with a 12V AC/DC system. May you can use it in your existing power supply.

SPECIFICATIONS

RGBW

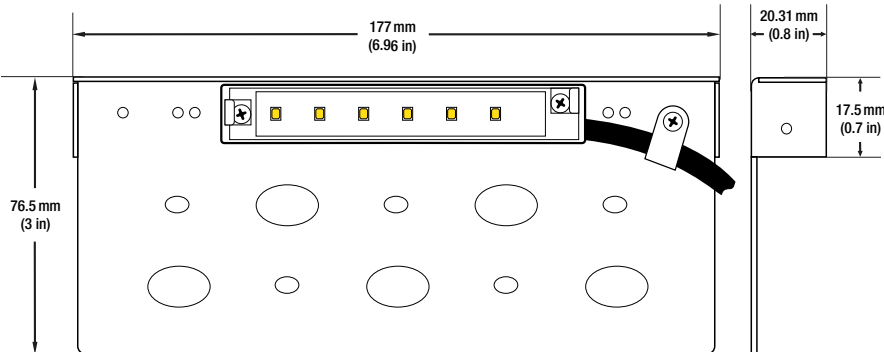


Model No.	HSC2-2W-RGBW
Voltage	12V AC/DC
Wattage	2W
Color Temperature	RGBW (Multi-color)
Light Source	6 SMD
Wire Gauge	5ft of AWG22
Beam Angle	45°
Dimmable	Yes
Dimensions	175mm x 75mm (6.875" x 2.95")
IP Rating	IP67 (Outdoor rated)
Certification	cUL/ETL

SKU: 666561418199

FEATURES

- Widely Used:** Powered by 12V AC/DC voltage. This light can illuminate landscape steps, retaining walls, decks, flowerbeds, and masonry walls.
- High Lumen Lighting:** Emitting 180Lm of Red, Blue, Green, and White and any color in between. The 45° downward beam angle eliminates glare.
- Quality Assurance:** HSC2-2W-RGBW hardscape light's high quality and safe use are assured. It has a long 40,000hrs lifespan and comes with a two years warranty.
- Tips:** This product only contains lights and does not contain a controller or low-voltage power supply. The controller and power supply need to be purchased separately. But our landscape lights can work with a 12V AC/DC system. May you can use it in your existing power supply.



Job Name: _____

Distributor: _____

Type: _____



CONTROLLERS (Sold Separately)



Model: RC03RFB-RGBWCCT
SKU: 666561435110



Model: RC05RFB-RGBWCCT-8Z
SKU: 666561435127



Model: VBD-MI-4Z-B3
SKU: 666561412913

COMPATIBLE RECEIVER (Sold Separately)



Model: VBD-WCON4CL-12A-RGBW
SKU: 666561435073

Scan the QR code with your smartphone to view the complete selection of controllers and remote controls.



Disclaimer:

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ACCESSORIES (Sold Separately)

Face Trims

Brushed Nickel
HSC2-2W-FLT-30K-BN
SKU: 666561425234

Matte Black
HSC2-2W-FLT-30K-BK
SKU: 666561425210



3 Way PC Waterproof
Junction Box
(Sold separately)

Model: 3W-JB-M686
SKU: 666561434182



3 Way Outdoor Screw Type
Connector 2 Contact
(Sold separately)

Model: 3W-2C-SC
SKU: 666561406288



2 Way Outdoor Screw Type
Connector 2 Contact
(Sold separately)

Model: 2W-2C-SC
SKU: 666561406295

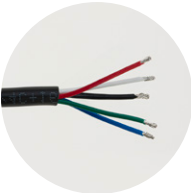


ACCESSORIES (Sold Separately)

Face Trims

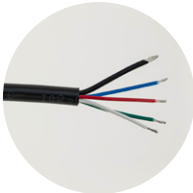
Brushed Nickel
HSC2-2W-FLT-30K-BN
SKU: 666561425234

Matte Black
HSC2-2W-FLT-30K-BK
SKU: 666561425210



RGBW Cable
(Sold separately)

Model:
VBD-1-18AWG-C-RGBW
SKU: 666561434175



RGBW Cable
(Sold separately)

Model:
VBD-1-20AWG-C-RGBW
SKU: 666561434168



3 Way PC Waterproof
Junction Box
(Sold separately)

Model: 3W-JB-M686
SKU: 666561434182



3 Way Outdoor Screw Type
Connector 5 Contact (RGBW)
(Sold separately)

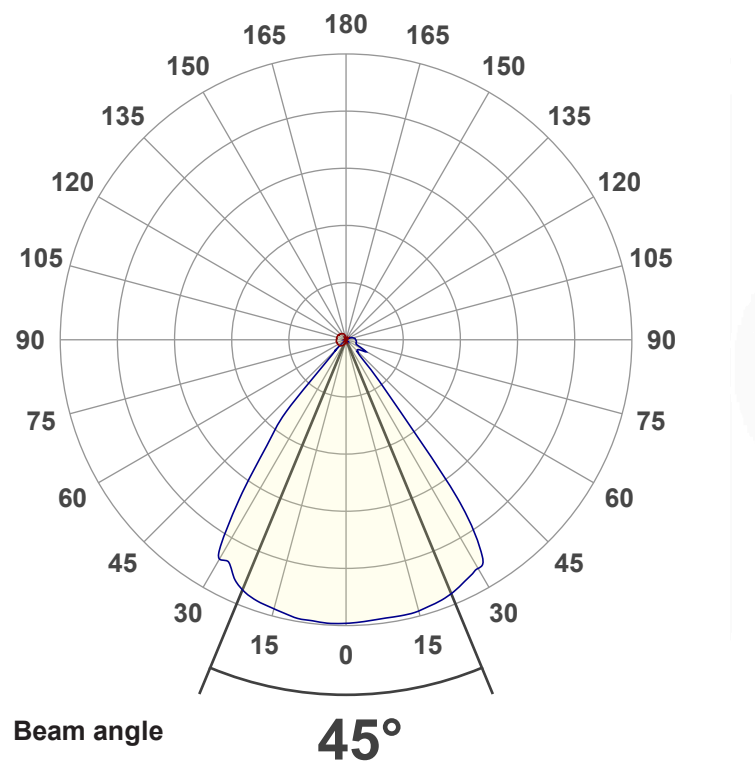
Model: 3W-YC-RGBW-M685
SKU: 666561434205



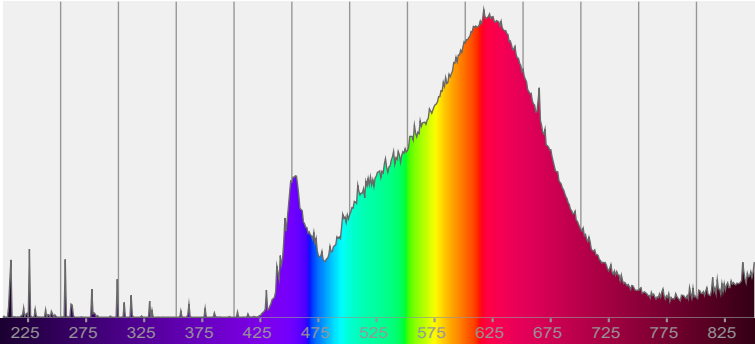
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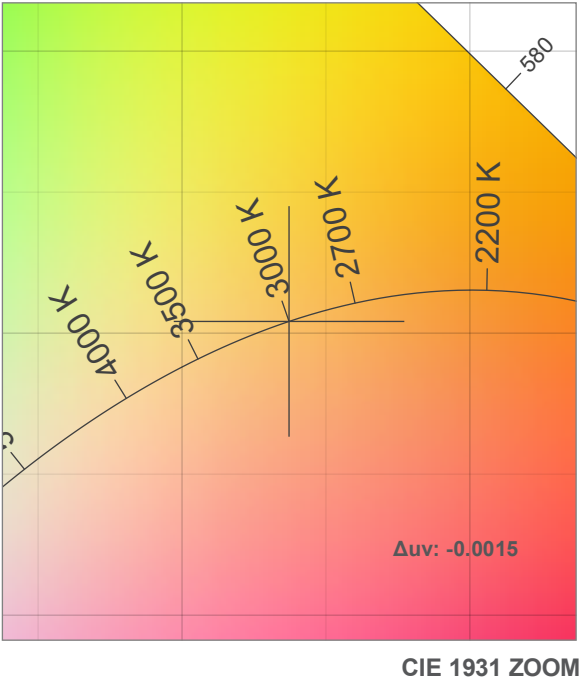
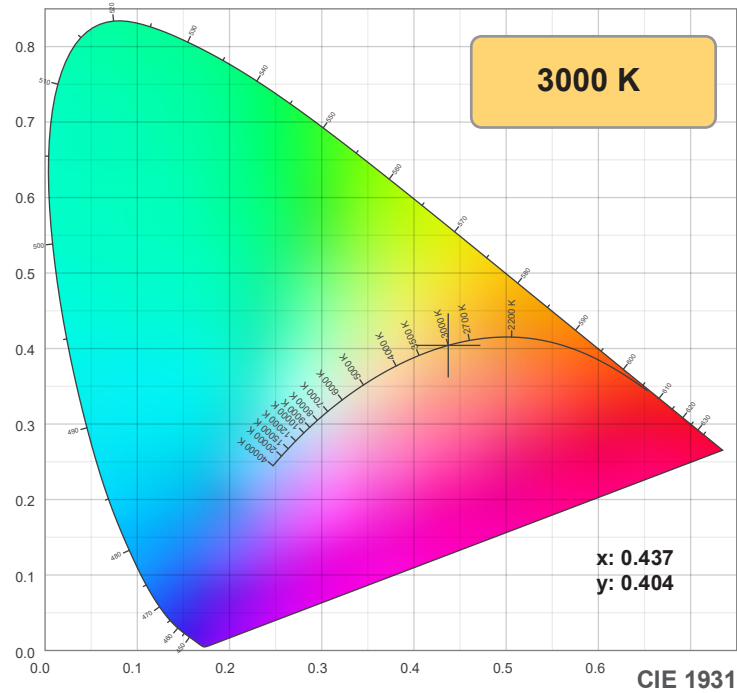
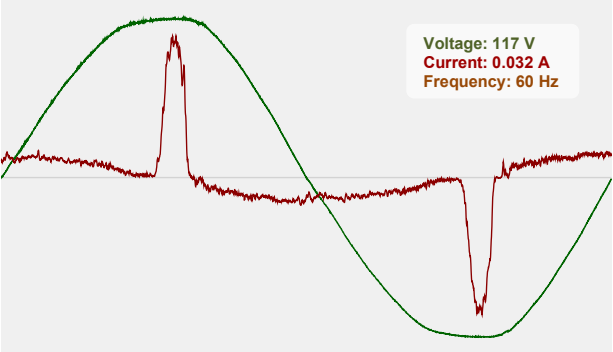
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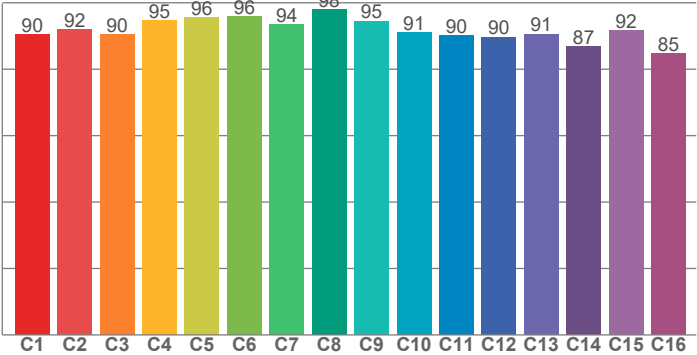
Spectra



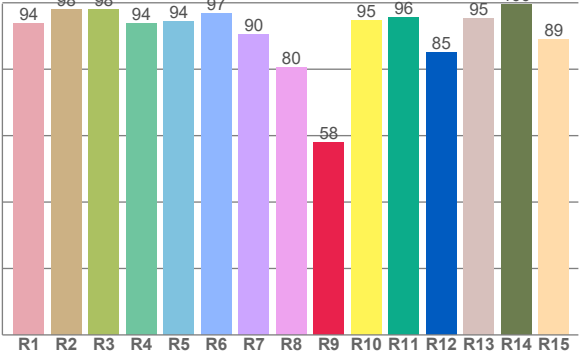
Power



TM-30: 91.9



CRI: 93.2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

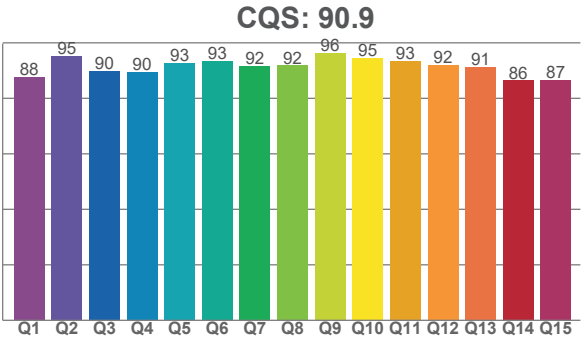
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	97.9	98.1	93.7	94.2	96.7	90.4	80.4	58.1	94.7	95.6	85.2	95.3	99.6	89.1

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.5	92.0	90.5	94.6	95.5	95.9	93.5	98.0	94.5	91.1	90.1	89.7	90.6	86.8	91.7	84.8

CQS Q values

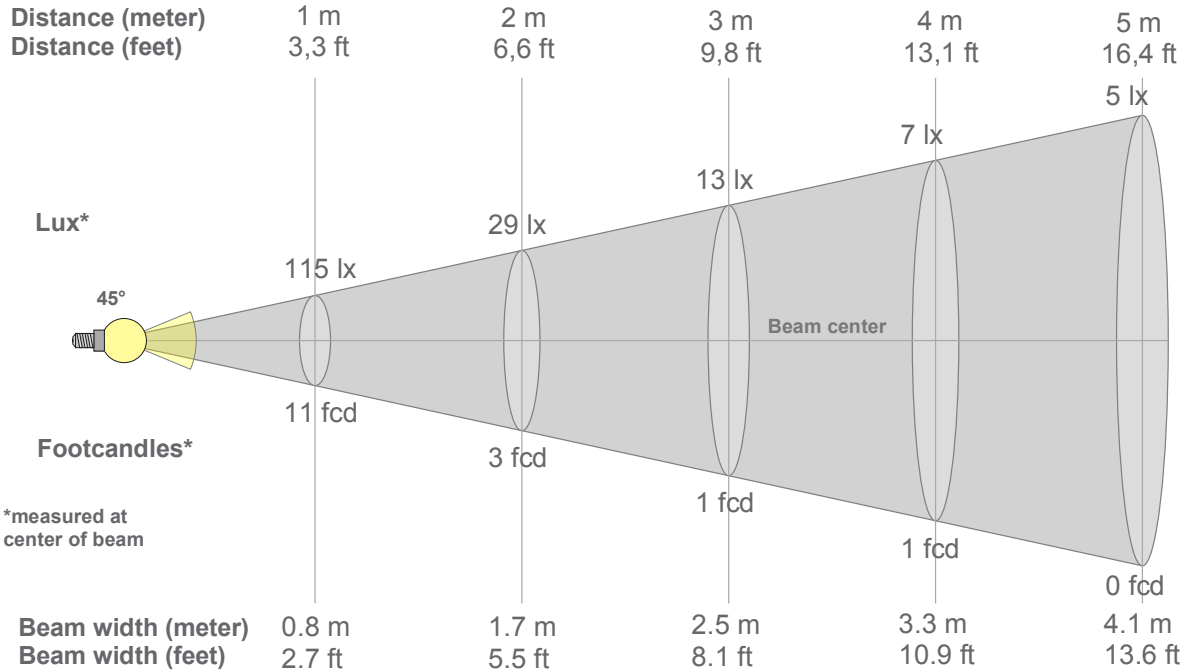
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.7	95.2	89.9	89.6	92.7	93.5	91.7	91.9	96.3	94.6	93.4	91.9	91.3	86.4	86.7



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	93.2	58.1	91.9	99.4	90.9	0.437	0.404	0.251	0.348	-0.0015

Beam details



Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
115lx	29lx	13lx	7lx	5lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx
10.7fcd	2.7fcd	1.2fcd	0.7fcd	0.4fcd	0.3fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%

Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
115	228	226	217	126	13	14	13	9	8	8	7	5	3	2	1	1	1	1	1
100%	198%	196%	189%	109%	12%	12%	11%	7%	7%	7%	6%	5%	3%	1%	1%	1%	1%	1%	1%

Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
115	2	3	5	6	7	7	8	8	8	8	7	8	7	7	7	6	5	4	3
100%	2%	3%	4%	5%	6%	6%	7%	7%	7%	7%	6%	7%	6%	6%	6%	5%	5%	4%	2%

Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
115	229	224	207	120	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100%	199%	195%	180%	104%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45°	221.5°	257.1°	83.2%	78.8%