



# SINGLE GANG LED STEP LIGHT 100-240V, 2W, 3000K (WARM WHITE)

## Specifications



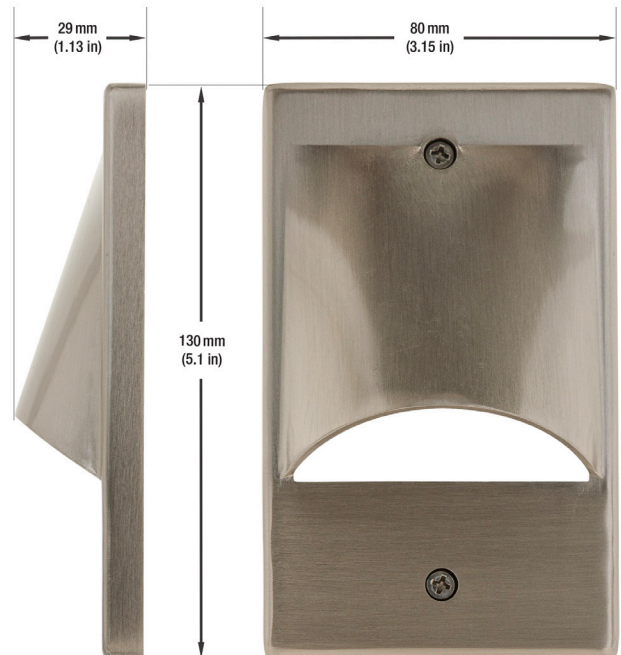
<b>Model:</b>	RT05HV
<b>Voltage:</b>	100-240V AC
<b>Wattage:</b>	2W
<b>Color Temperature:</b>	3000K (Warm White)
<b>Beam Angle:</b>	80°
<b>Cover Color:</b>	Brushed Nickel
<b>Dimmable:</b>	No
<b>Rendering Index:</b>	CRI>80
<b>IP Rating:</b>	IP67 (Outdoor rated)
<b>Dimensions (Gang Box):</b>	<b>Length:</b> 72mm (2.8") <b>Width:</b> 47.6mm (1.87") <b>Depth:</b> 37.68mm (1.48")
<b>Dimensions (Cover):</b>	<b>Length:</b> 130mm (5.1") <b>Width:</b> 80mm (3.15") <b>Depth:</b> 29mm (1.13")
<b>Certification:</b>	ETL



**SKU#: 666561413101**

## Features

- Outdoor-rated lighting solution designed to illuminate pathways and steps.
- Power consumption of 2W and emits a warm white light with a color temperature of 3000K.
- Brushed nickel color with a vertical scoop trim that helps direct the light beam.
- High color rendering index (CRI) of over 80, ensuring natural and vibrant colors of illuminated objects.
- Housing made of polycarbonate (PC) material for resistance against environmental factors.
- IP67 rated, making it suitable for use in wet locations without any risk of water damage.
- Certified by ETL, ensuring safety and performance standards are met.



## Disclaimer

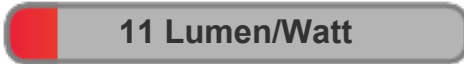
The data and information contained in this specification sheet are subject to change without notice; the ratings supplied are provided based on the product manufacturer. The information contained in this specification sheet should not be considered a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. In no event shall LED Lights and Parts be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.



# LED Lights and Parts

WORLD OF LED LIGHTS

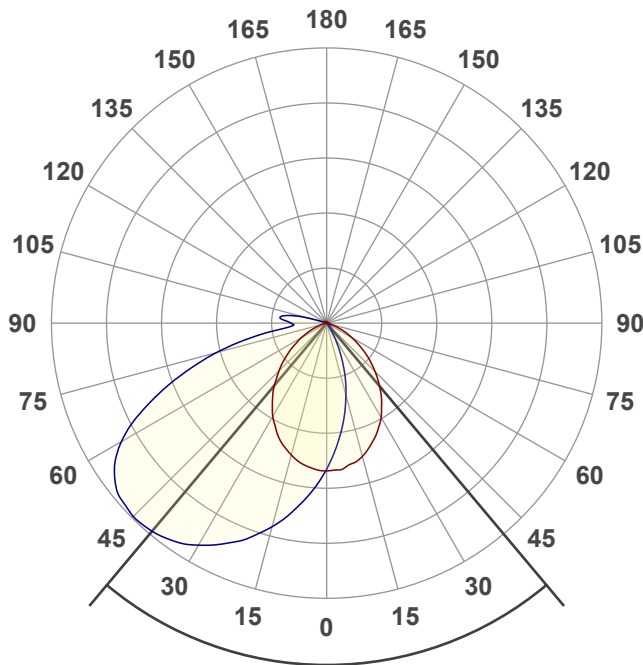
Light efficiency:



Light quality:



Color temperature:



Beam angle

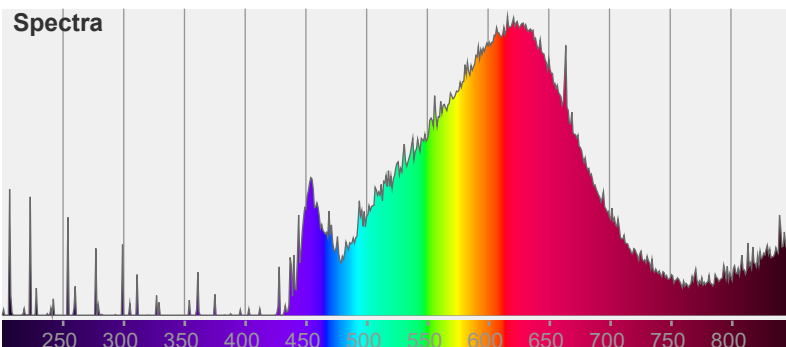
80°

Color



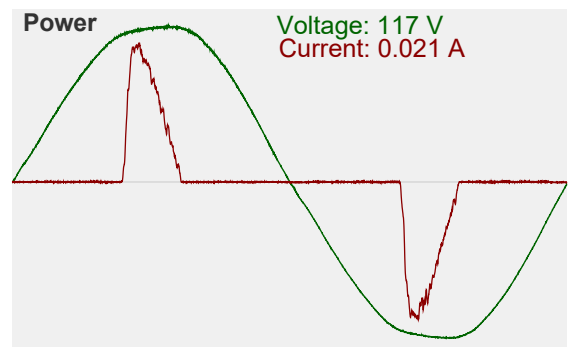
CIE1931  
x: 0.448  
y: 0.413

Spectra

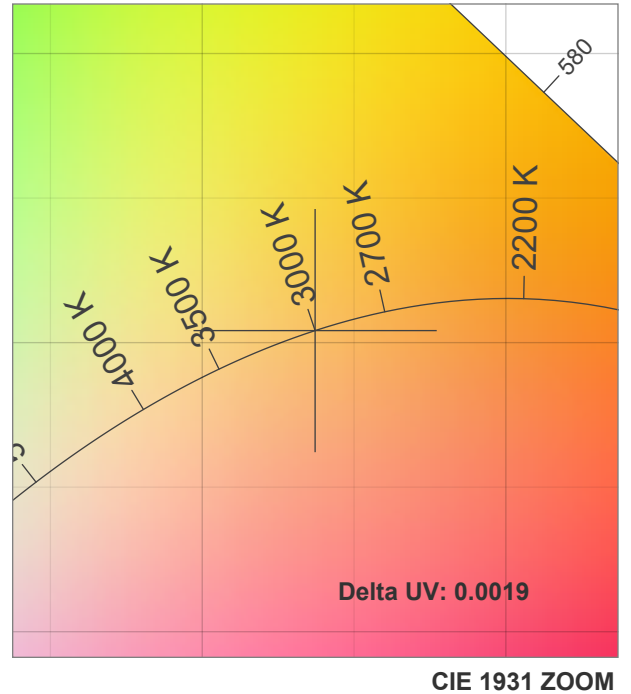
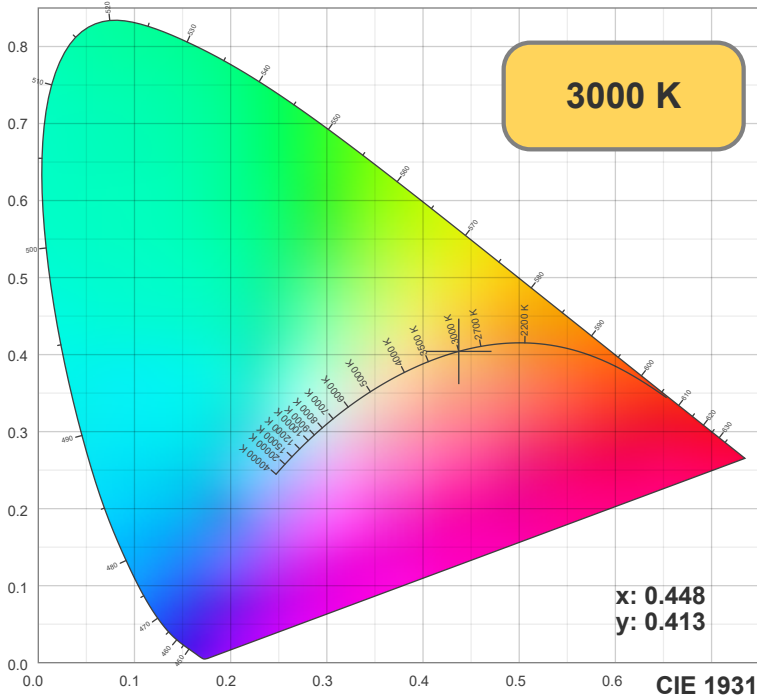


Power

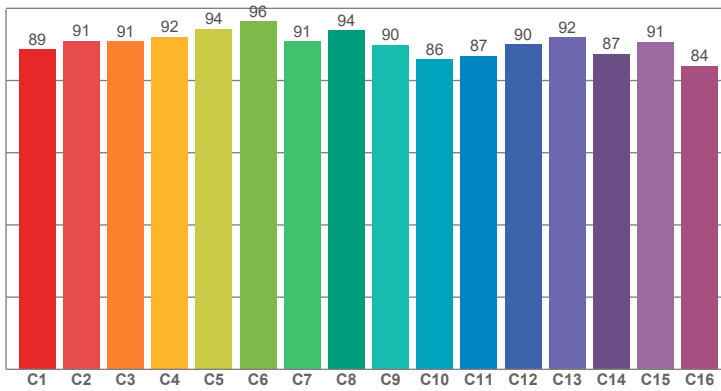
Voltage: 117 V  
Current: 0.021 A



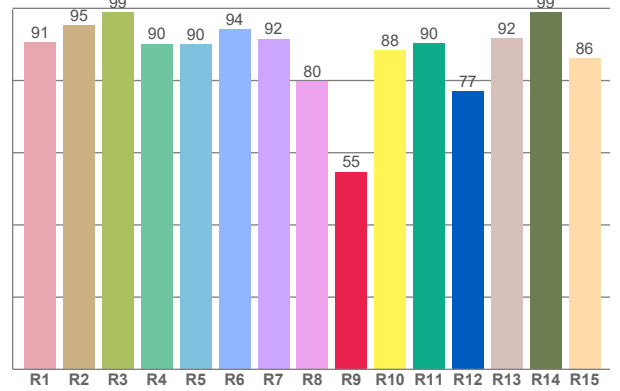
Light measurement was created using the Viso Systems - Light Inspector. [www.visosystems.com](http://www.visosystems.com)



**TM30: 90.2**



**CRI: 91.3 (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
90.61	95.28	98.81	90.15	89.95	94.20	91.57	79.73	54.66	88.38	90.23	76.98	91.70	98.85	86.15

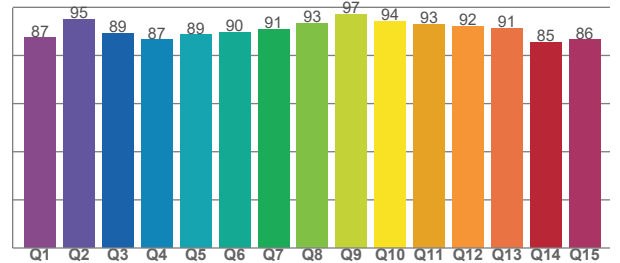
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
88.68	91.02	90.86	92.15	94.33	96.34	90.83	93.98	89.92	85.81	86.84	90.08	91.88	87.34	90.74	84.07

CQS Q values

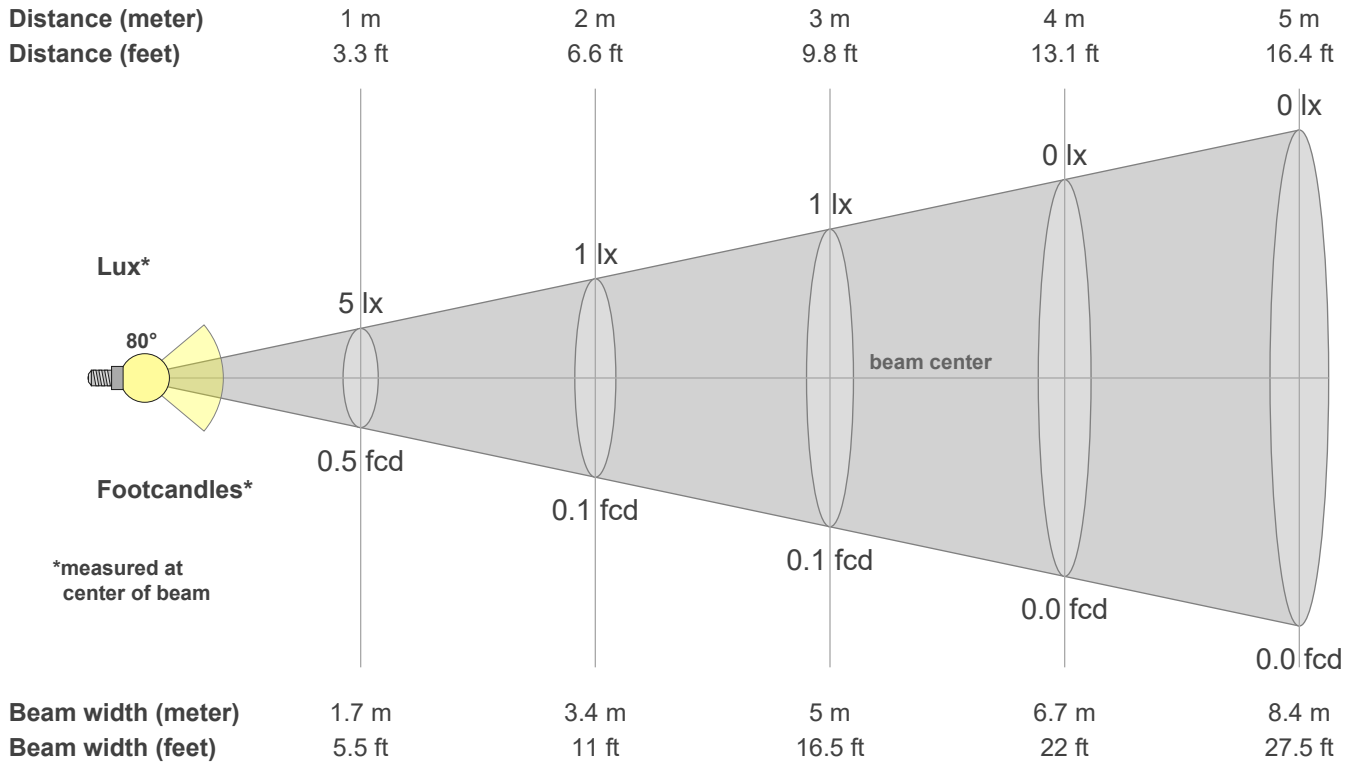
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.34	95.09	89.15	86.51	88.56	89.60	90.85	93.39	96.96	94.31	92.85	92.06	91.35	85.36	86.45

**CQS: 89.9**



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	91.3	54.7	90.2	96.5	89.9	0.4	0.4	0.3	0.3	0.0019



### Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4.95	4.96	4.82	4.65	4.36	4.04	3.67	3.23	2.77	2.31	1.85	1.39	0.99	0.64	0.33	0.15	0.05	0.02	0.02	0.02
100%	100%	97%	94%	88%	82%	74%	65%	56%	47%	37%	28%	20%	13%	7%	3%	1%	0%	0%	0%

### Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4.95	4.10	3.31	2.50	1.76	1.04	0.45	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
100%	83%	67%	51%	36%	21%	9%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4.95	4.93	4.81	4.60	4.34	4.01	3.64	3.19	2.74	2.27	1.81	1.38	1.00	0.64	0.35	0.17	0.06	0.02	0.02	0.01
100%	100%	97%	93%	88%	81%	73%	64%	55%	46%	37%	28%	20%	13%	7%	3%	1%	1%	0%	0%

### Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4.95	5.69	6.42	7.10	7.71	8.20	8.64	8.96	9.15	9.21	9.10	8.72	7.98	6.76	5.31	3.85	2.33	1.24	1.21	1.52
100%	115%	130%	143%	156%	166%	175%	181%	185%	186%	184%	176%	161%	137%	107%	78%	47%	25%	24%	31%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
79.9°	132.1°	146.6°	73.2%	48.2%