2 YEARS WARRANTY

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

Specifications

Model:	RT05HV
Voltage:	100-240V AC
Wattage:	2W
Color Temperature:	3000K (Warm White)
Beam Angle:	80º
Cover Color:	Black
Available Cover Color:	Black - Brushed Nickel
Dimmable:	No
Rendering Index:	CRI>80
IP Rating:	IP67 (Outdoor rated)
Dimensions (Gang Box):	**Length:** 72mm (2.8") **Width:** 47.6mm (1.87") **Depth:** 37.68mm (1.48")
Dimensions (Cover):	**Length:** 133mm (5.22") **Width:** 84mm (3.3") **Depth:** 11mm (0.43")
Certification:	ETL

ETL Intertek

SKU#: 666561418298

Features

- The product can easily be installed in a single gang box, following a 120V connection.
- The engine of this light also is compatible with both Horizontal Louver Trims (Black/Brushed Nickel).
- The lights can be directly connected to the line without the need for any transformer having voltage 100-240V AC.
- This product can be used in wet locations with IP67 code.
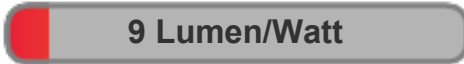- Contact us for assistance with any of our quality products if required.

11 mm (0.43 in)
84 mm (3.3 in)
133 mm (5.22 in)

Disclaimer

Light efficiency:

9 Lumen/Watt

Light quality:

CRI: 91.9

Color temperature:

3000 K

Beam angle

80°

Color

**CIE1931
x: 0.443
y: 0.410**

Spectra

250 300 350 400 450 500 550 600 650 700 750 800

Power

Voltage: 116 V
Current: 0.022 A
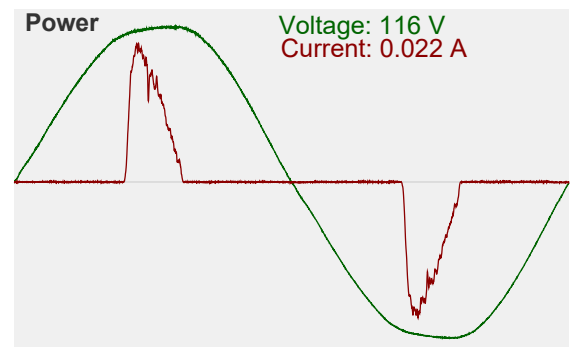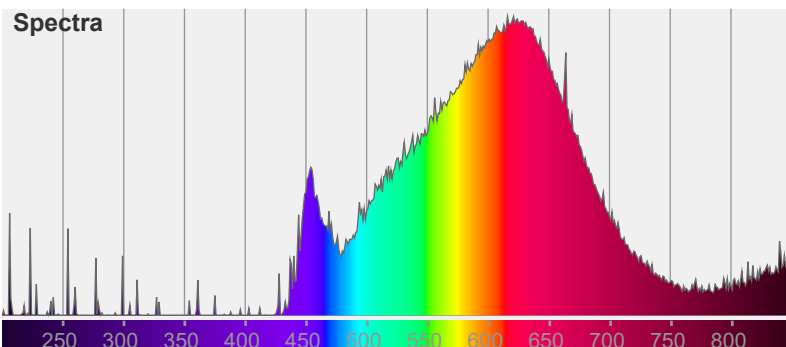
Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com

3000 K

x: 0.443
y: 0.410

CIE 1931

Delta UV: 0.0013

CIE 1931 ZOOM

TM30: 90.6

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89	92	91	92	95	97	91	95	91	86	87	90	92	88	91	84

CRI: 91.9 (R1-R8)

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92	96	99	91	91	95	92	81	57	89	91	78	93	99	87
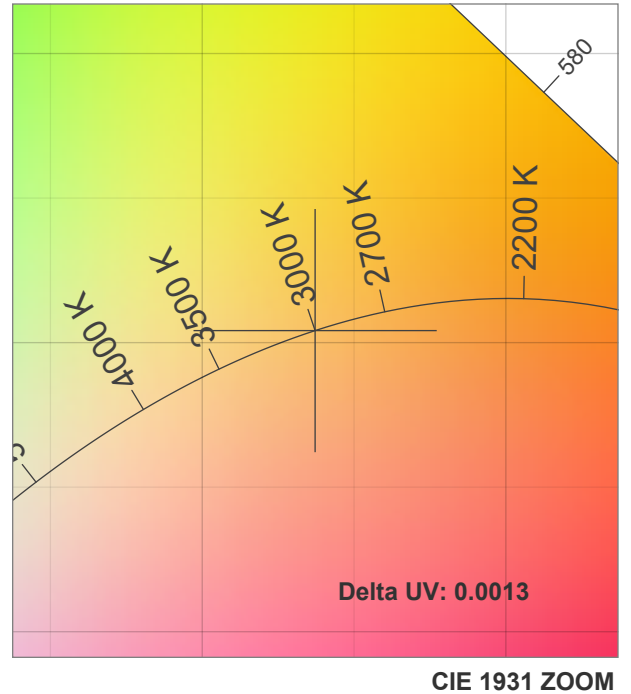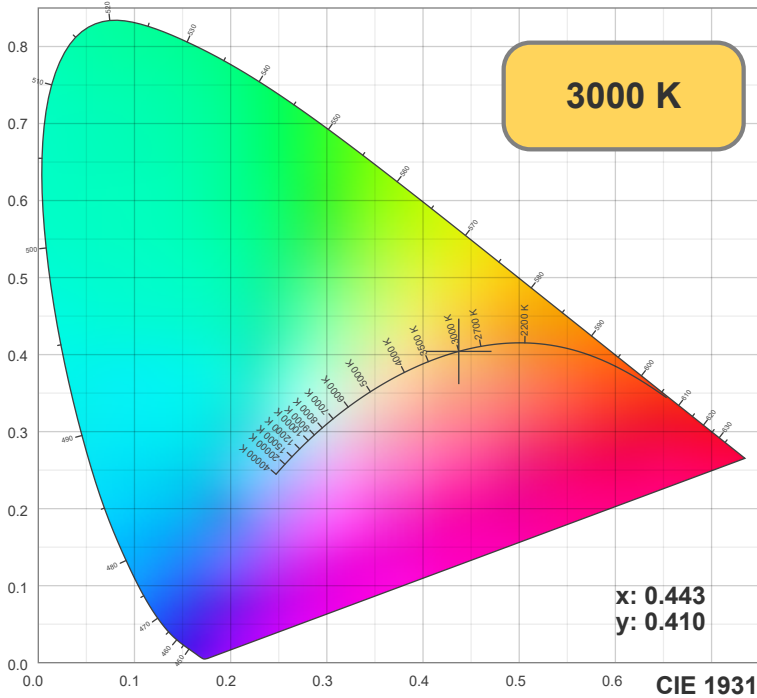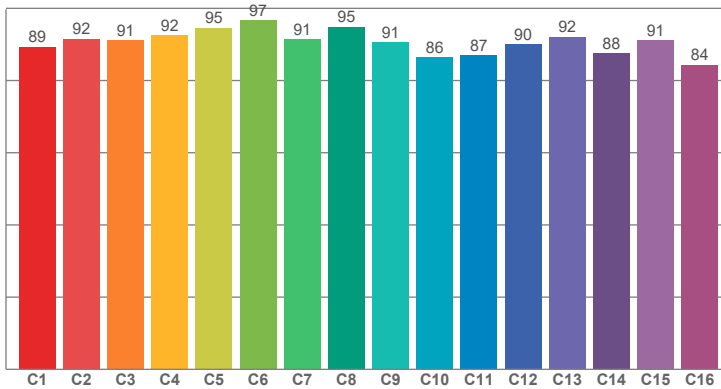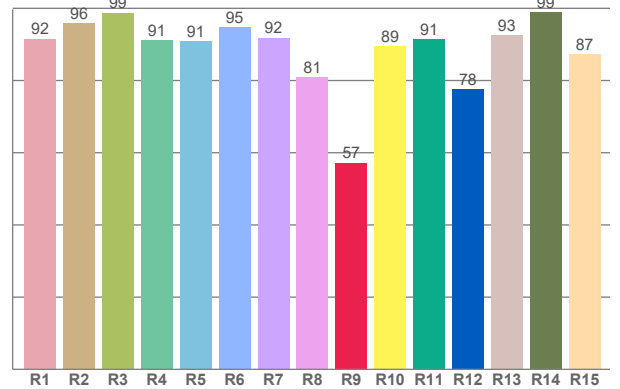
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
91.51	95.80	98.77	91.08	90.92	94.74	91.87	80.88	57.15	89.49	91.45	77.63	92.59	98.86	87.23

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
89.31	91.53	91.15	92.50	94.54	96.71	91.44	94.81	90.57	86.39	87.04	90.09	92.06	87.55	91.14	84.32

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.92	95.34	89.09	86.86	89.25	90.52	91.61	93.33	97.27	94.89	93.43	92.54	91.85	86.20	87.09

CQS: 90.4

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88	95	89	87	89	91	92	93	97	95	93	93	92	86	87
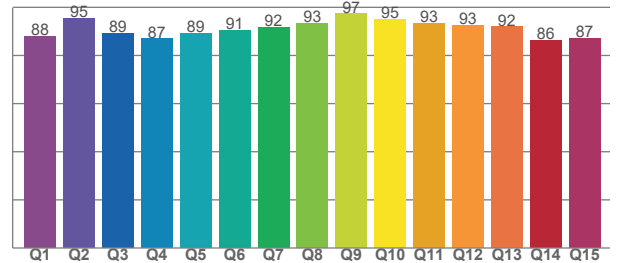
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	91.9	57.2	90.6	97.1	90.4	0.4	0.4	0.3	0.3	0.0013

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

78°

Lux*

4 lx   1 lx   0 lx   0 lx   0 lx

beam center

Footcandles*

0.4 fcd   0.1 fcd   0.0 fcd   0.0 fcd   0.0 fcd

***measured at center of beam**

Beam width (meter)	1.6 m	3.2 m	4.9 m	6.5 m	8.1 m
Beam width (feet)	5.3 ft	10.6 ft	16 ft	21.3 ft	26.6 ft
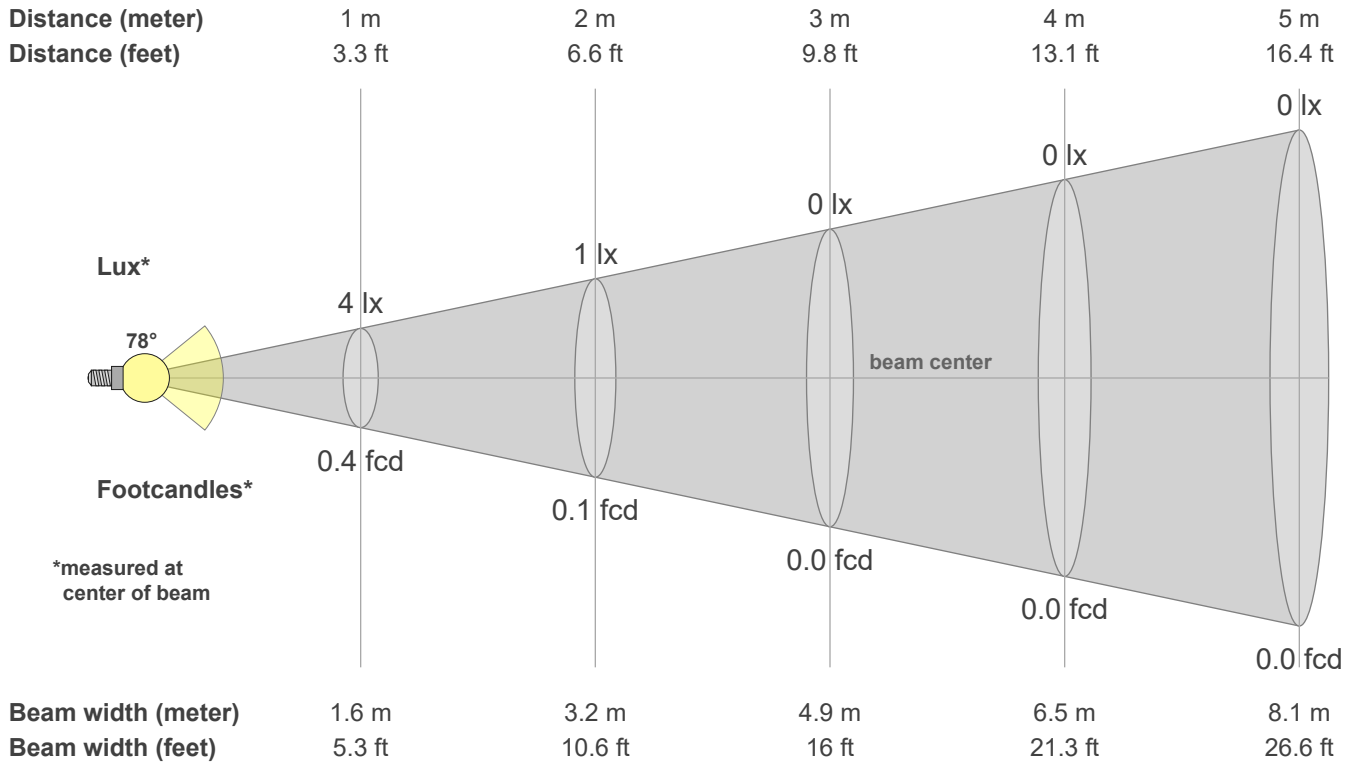
Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4.5	4.6	4.5	4.3	4.2	4.0	3.7	3.5	3.1	2.8	2.4	2.0	1.7	1.2	0.8	0.4	0.1	0.0	0.0	0.0
100%	101%	100%	97%	93%	88%	83%	77%	70%	63%	54%	46%	37%	27%	18%	9%	2%	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°
4.5	3.3	2.2	1.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100%	73%	49%	25%	5%	3%	2%	1%	1%	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°
4.5	4.5	4.4	4.3	4.1	3.9	3.7	3.4	3.1	2.7	2.4	2.0	1.6	1.1	0.7	0.3	0.1	0.0	0.0	0.0
100%	101%	99%	96%	92%	87%	82%	75%	68%	61%	53%	44%	35%	25%	16%	7%	1%	0%	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°
4.5	5.5	6.5	7.4	8.4	9.2	9.8	10.3	10.4	10.0	8.4	6.2	4.0	1.9	0.6	0.3	0.1	0.0	0.0	0.0
100%	122%	144%	166%	186%	204%	219%	229%	233%	223%	186%	138%	88%	42%	13%	7%	3%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
78.1°	114.8°	127.0°	88.5%	59.8%