



4" RETROFIT GIMBAL DIMMABLE RECESSED LED DOWNLIGHT, 120V 13W 2700K (SOFT WHITE)

Specifications



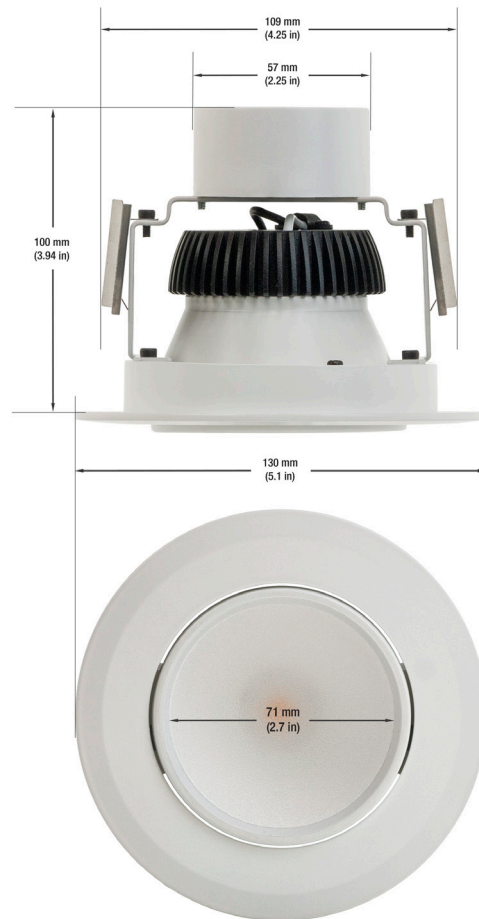
Model No.:	LT-US-D413WC279E-11
Input Voltage:	120V DC
Wattage:	13W
Color Temperature:	2700K (Soft White)
Brightness:	810Lm
Beam Angle:	45°
Body Color:	White
Rendering Index:	CRI>90
Material:	Aluminum
Dimmable:	Yes
IP Rating:	IP20 (Dry locations)
Dimensions:	Ø 128mm (5") Depth: 104.8mm (4.1")
Certification:	UL



SKU: 666561407018

Features

- Highly efficient lighting fixture suitable for residential and commercial use.
- Voltage rating of 120V AC and wattage of 13.
- Color temperature of 2700K (Soft White) for a warm and cozy glow.
- Designed to fit perfectly into a 4-inch housing can with an outer diameter of more than 7".
- Includes an E-26 screw-in type connector for easy installation.
- Adjustable towards any object with a maximum beam angle of 50 degrees.
- Brightness of 810 lumens and dimmable for flexibility in adjusting light.
- High rendering index of CRI>90 for accurate color rendering.
- White body color suitable for a wide range of interior design styles.
- Dimensions of 128mm (5") in overall diameter and 104.8mm (4.1") in depth.
- IP20 rating for dry locations only.
- Lifespan of 50,000 hours and dissipates very little heat for safety.
- Eco-friendly and free from mercury and UV radiation.



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

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Light efficiency:

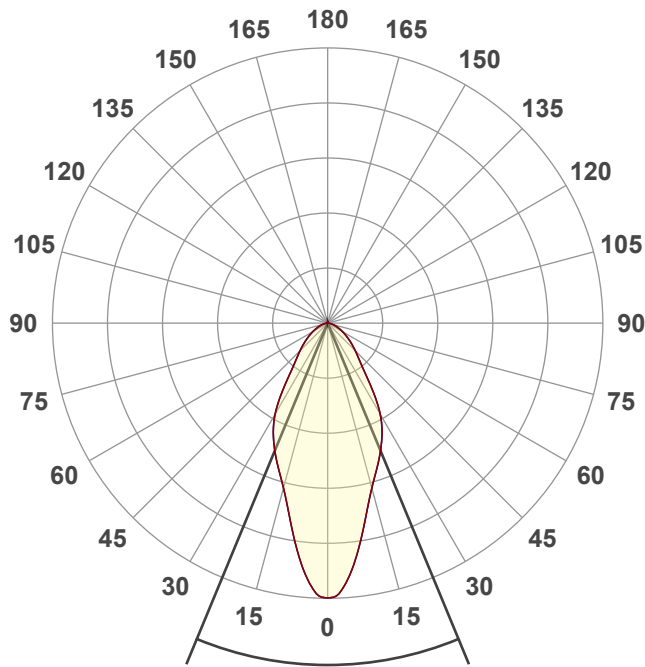
61 Lumen/Watt

Light quality:

CRI: 95.6

Color temperature:

2700 K



Beam angle

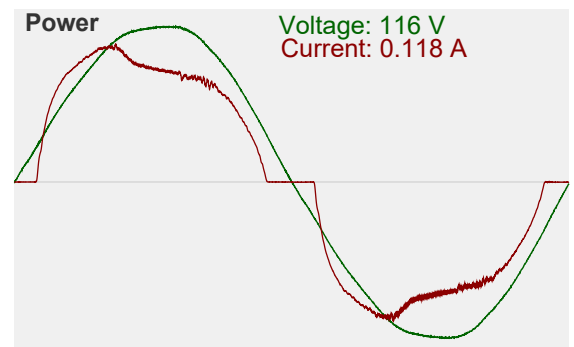
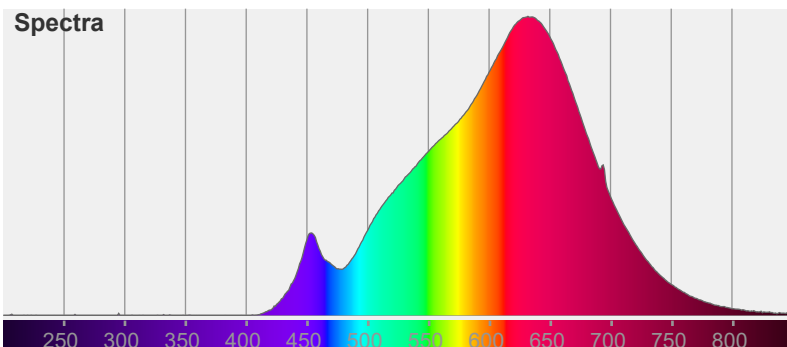
45°

Color

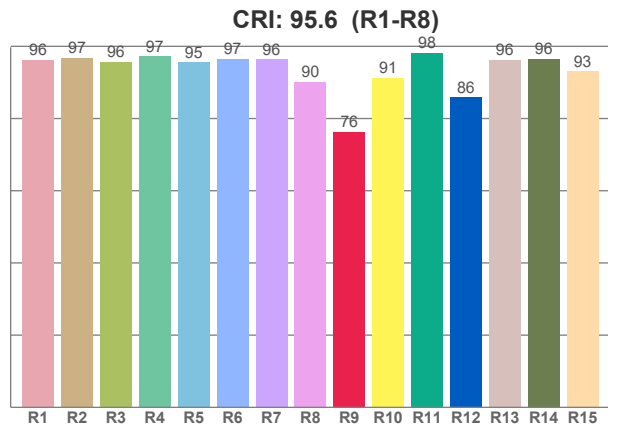
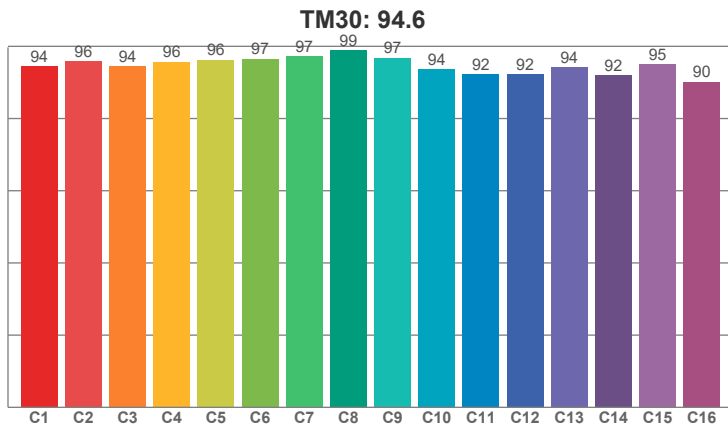
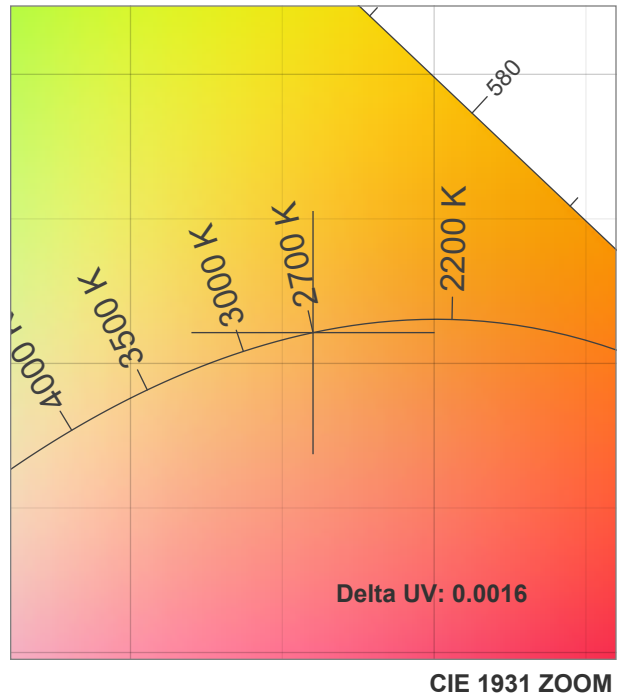
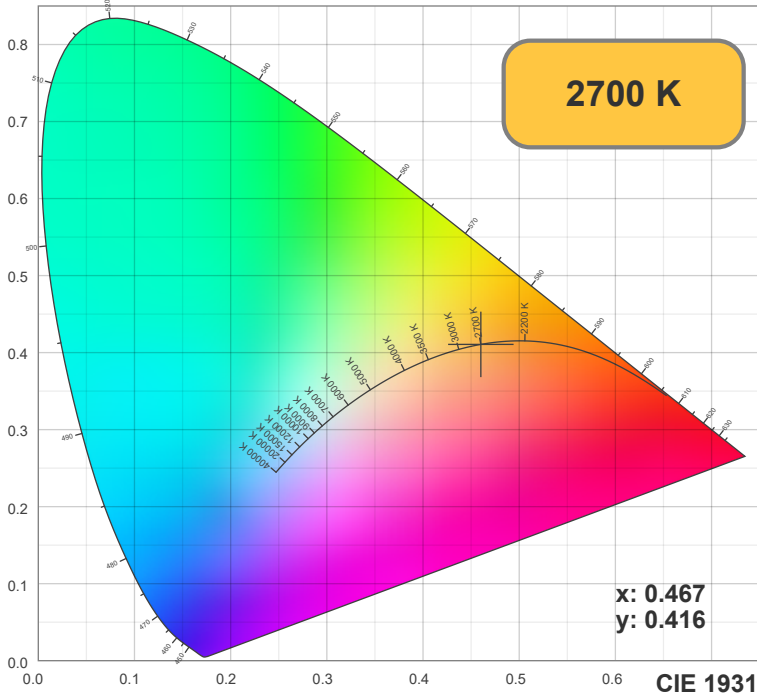


CIE1931
x: 0.467
y: 0.416

Spectra



Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com



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

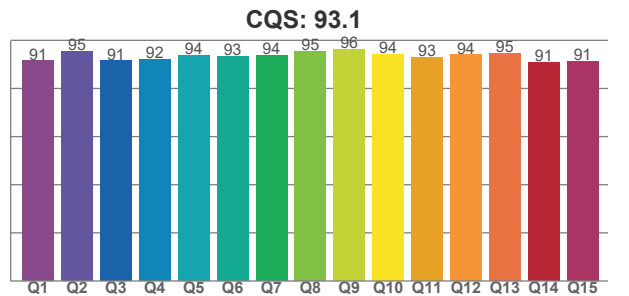
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.20	96.83	95.64	97.23	95.49	96.54	96.41	90.13	76.28	91.23	98.15	85.86	96.29	96.49	93.12

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
94.41	95.85	94.47	95.70	96.21	96.57	97.17	98.91	96.77	93.63	92.30	92.32	94.17	91.95	95.03	90.14

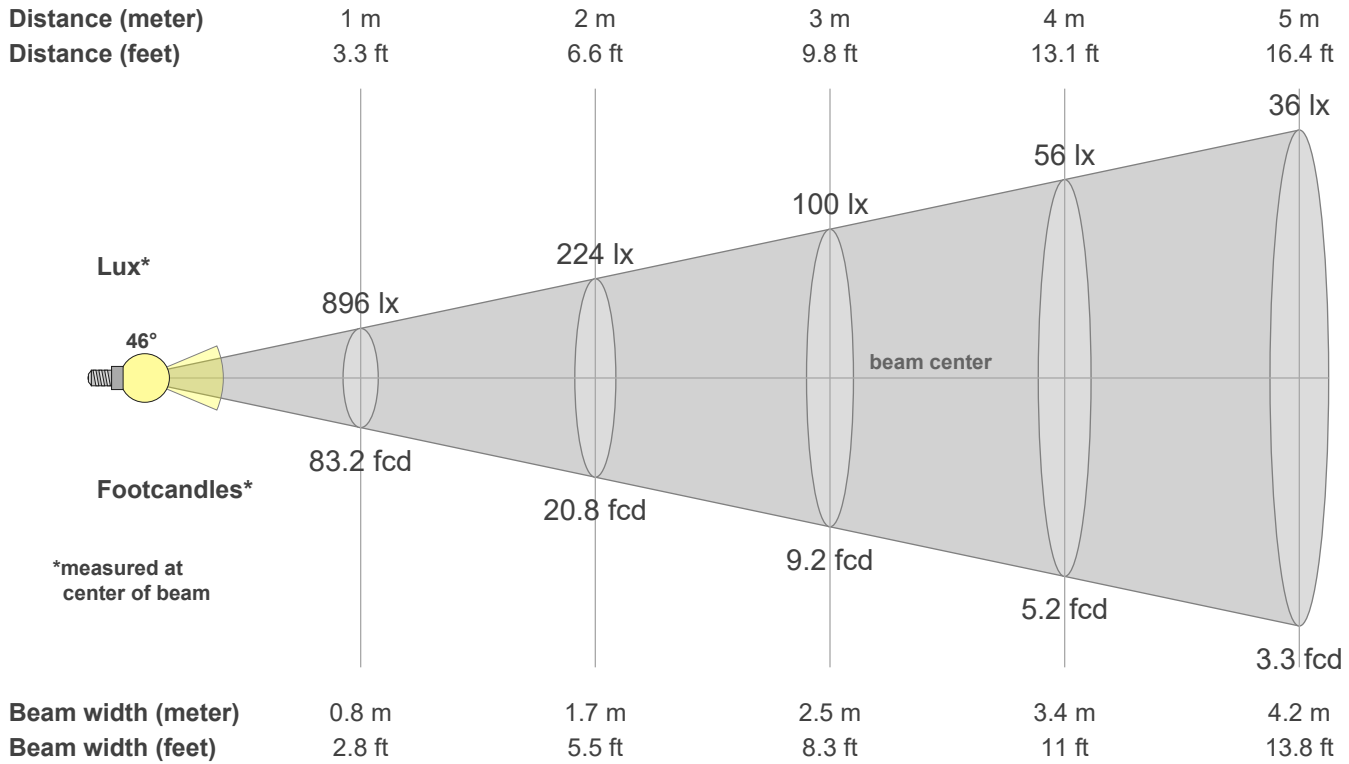
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.49	95.38	91.49	92.08	93.68	93.49	93.83	95.50	96.16	94.18	93.07	93.98	94.68	90.82	91.15



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2700 K	95.6	76.3	94.6	99.6	93.1	0.5	0.4	0.3	0.4	0.0016



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°
896	827	679	560	485	419	343	239	166	128	99	76	56	41	28	18	10	3	0	0
100%	92%	76%	63%	54%	47%	38%	27%	18%	14%	11%	8%	6%	5%	3%	2%	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°
896	827	679	560	485	419	343	239	166	128	99	76	56	41	28	18	10	3	0	0
100%	92%	76%	63%	54%	47%	38%	27%	18%	14%	11%	8%	6%	5%	3%	2%	1%	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°
896	827	679	560	485	419	343	239	166	128	99	76	56	41	28	18	10	3	0	0
100%	92%	76%	63%	54%	47%	38%	27%	18%	14%	11%	8%	6%	5%	3%	2%	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°
896	827	679	560	485	419	343	239	166	128	99	76	56	41	28	18	10	3	0	0
100%	92%	76%	63%	54%	47%	38%	27%	18%	14%	11%	8%	6%	5%	3%	2%	1%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45.7°	103.9°	145.2°	91.6%	77.6%