



3.75" ROUND ADJUSTABLE BEAM DIRECTION IN-GROUND LIGHT, 24V 2.6W 3000K (WARM WHITE)

Specifications



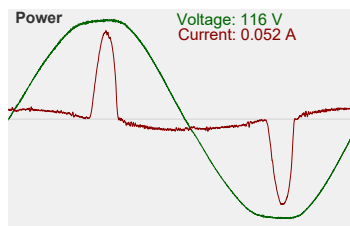
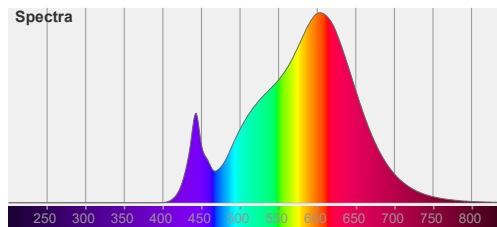
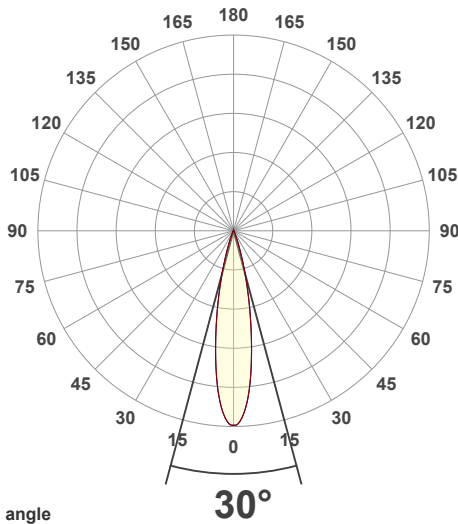
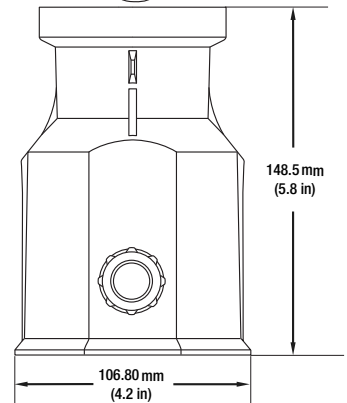
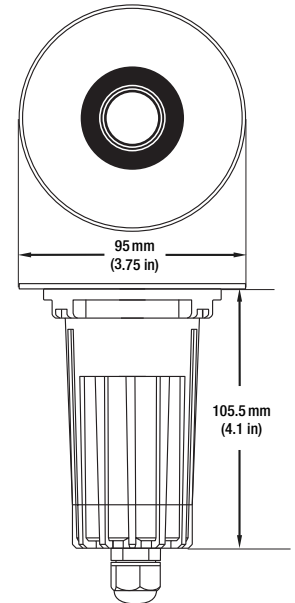
Model No.:	B2WDR0157A
Input Voltage:	24V DC
Wattage:	2.5W
Color Temperatures:	3000K (Warm White)
Lens Type:	Clear
Housing Material:	Die-cast Aluminum body
Cap Color Finish:	Stainless Steel
Beam Angle:	30° (Adjustable beam direction)
IP Rating:	IP67 (Outdoor rated)
Dimmable:	No
Dimensions without Housing (Engine):	Diameter: 95mm (3.75in) Height: 105mm(4.1in)
Dimensions with Housing:	Base Diameter: 106.80mm (4.2in) Diameter: 95mm (3.75in) Height: 148.5mm (5.8in)
Cable Size	Length: 50cm (19.6in) Diameter: 7mm (0.27in)
Certification:	CE



SKU#: 666561414900

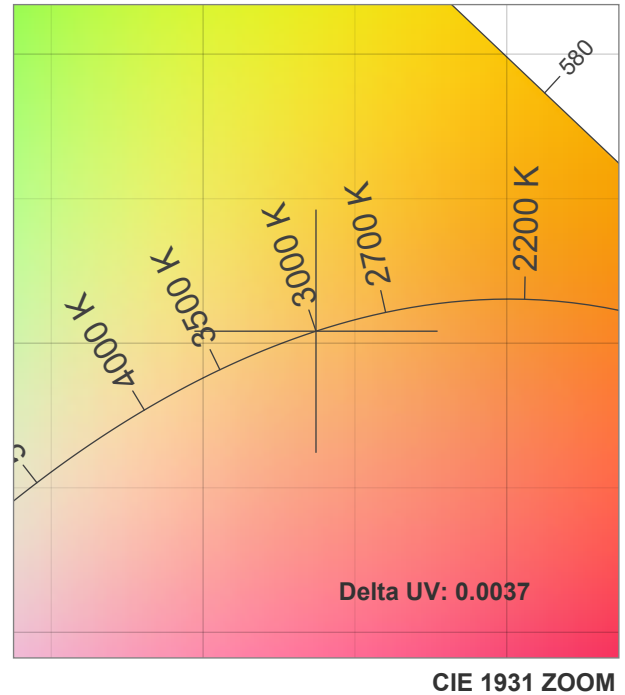
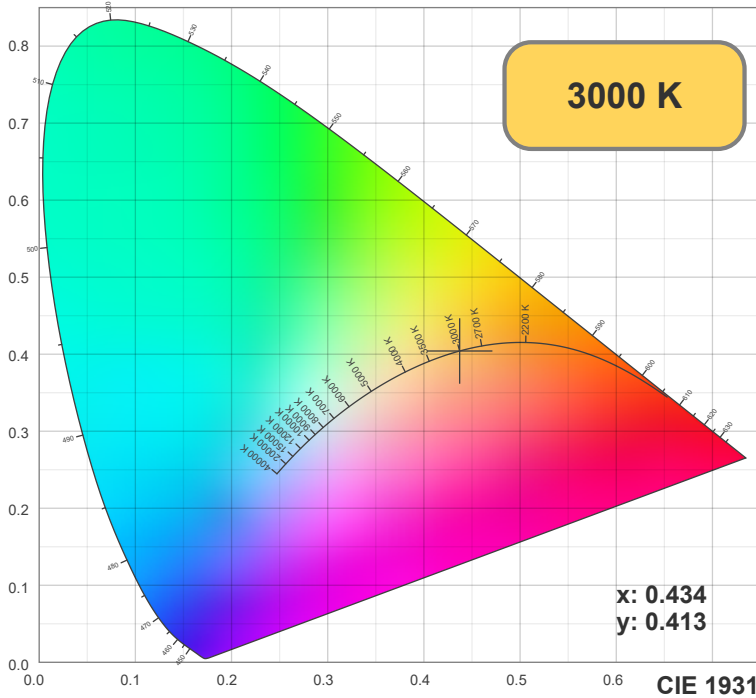
Features

- 3.75 inches round adjustable beam direction up-light, designed for outdoor applications.
- Operates on 24 V DC with a total power consumption of 2.5W, powered by a single 2W LED.
- Integrated COB LED with a warm white color temperature of 3000K and clear lens type.
- Die-cast aluminum body with a cap color finish of 316 stainless steel.
- Adjustable beam angle up to $\pm 30^\circ$ for precise direction of light.
- Rated IP67 and IK09 for resilience to all weather conditions and being stepped upon.
- Non-dimmable with a 50cm (19.6in) cable size.

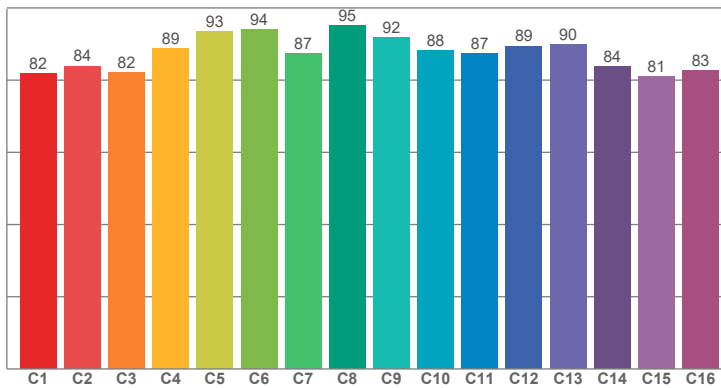


Disclaimer

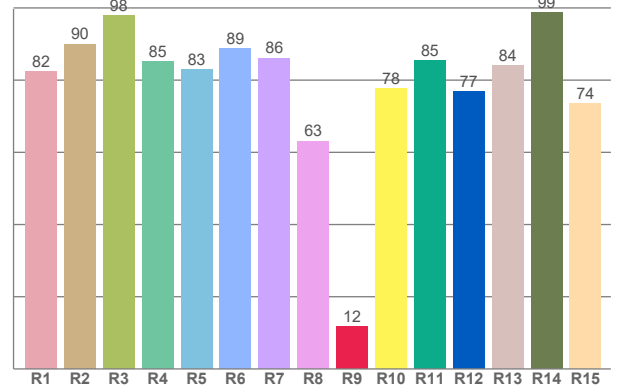
The data and information contained in this specification sheet are subject to change without notice; the ratings supplied are provided based on the product manufacturer. The information contained in this specification sheet should not be considered a warranty, expressed or implied, including, but not 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.



TM30: 87.5



CRI: 84.6 (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
82.46	90.03	97.91	85.15	82.86	88.84	86.14	63.16	11.79	77.68	85.47	76.76	84.05	98.68	73.56

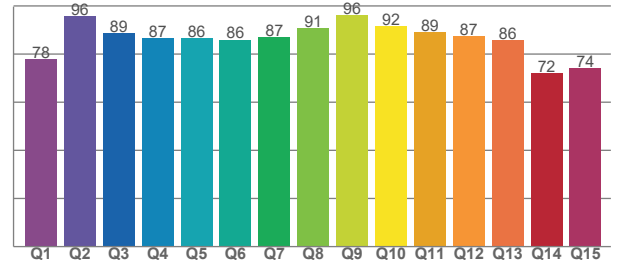
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81.91	83.92	82.14	88.72	93.47	93.97	87.28	95.21	91.78	88.09	87.33	89.47	89.80	83.83	80.97	82.76

CQS Q values

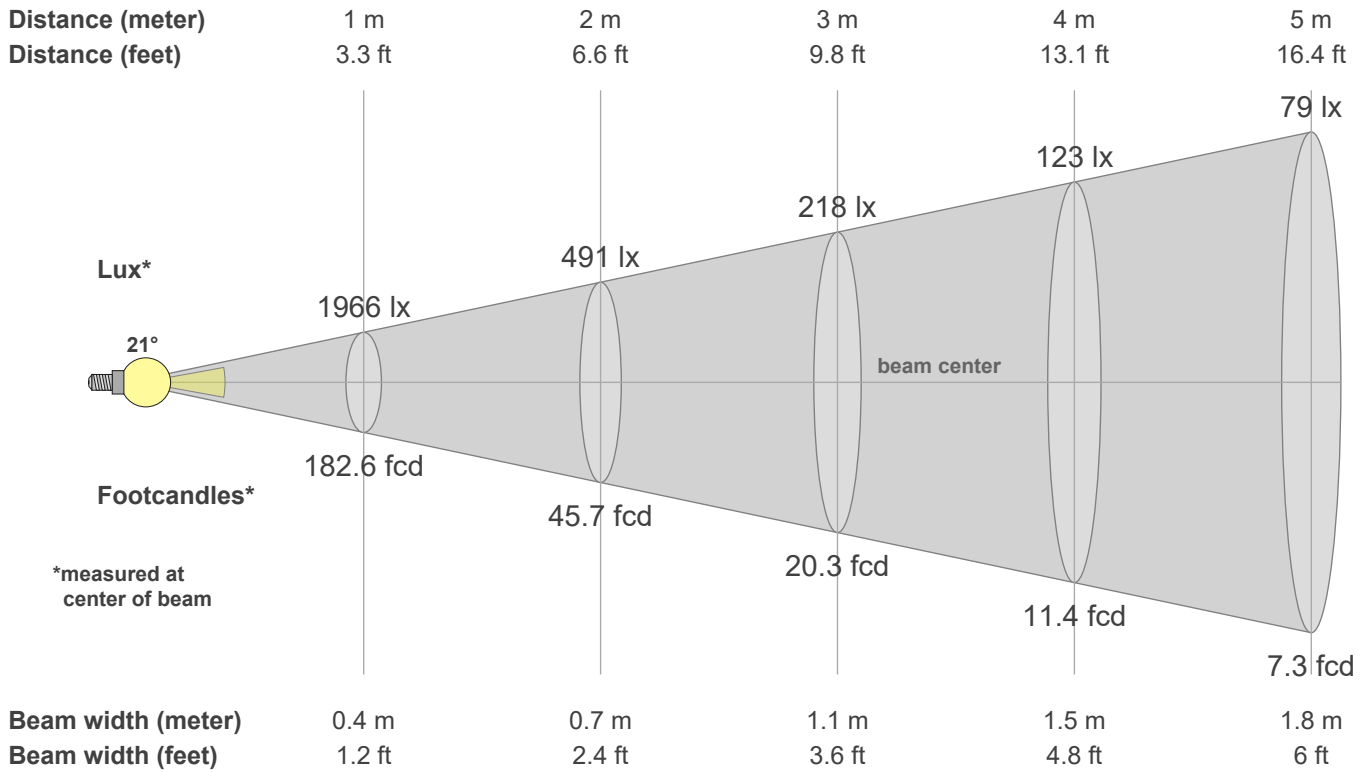
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.92	95.74	88.76	86.53	86.47	85.96	86.92	90.73	96.27	91.57	89.20	87.34	85.64	72.09	74.23

CQS: 84.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	84.6	11.8	87.5	96.5	84.6	0.4	0.4	0.3	0.3	0.0037



Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
1966	1960	1923	1863	1783	1684	1568	1437	1298	1159	1022	891	767	651	542	445	359	286	224	173
100%	100%	98%	95%	91%	86%	80%	73%	66%	59%	52%	45%	39%	33%	28%	23%	18%	15%	11%	9%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
1966	1960	1923	1863	1783	1684	1568	1437	1298	1159	1022	891	767	651	542	445	359	286	224	173
100%	100%	98%	95%	91%	86%	80%	73%	66%	59%	52%	45%	39%	33%	28%	23%	18%	15%	11%	9%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
1966	1960	1923	1863	1783	1684	1568	1437	1298	1159	1022	891	767	651	542	445	359	286	224	173
100%	100%	98%	95%	91%	86%	80%	73%	66%	59%	52%	45%	39%	33%	28%	23%	18%	15%	11%	9%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
1966	1960	1923	1863	1783	1684	1568	1437	1298	1159	1022	891	767	651	542	445	359	286	224	173
100%	100%	98%	95%	91%	86%	80%	73%	66%	59%	52%	45%	39%	33%	28%	23%	18%	15%	11%	9%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
20.6°	37.1°	48.2°	99.6%	98.2%