



4.5" ROUND ADJUSTABLE BEAM DIRECTION IN-GROUND LIGHT, 24V 3.6W 3000K (WARM WHITE)

Specifications



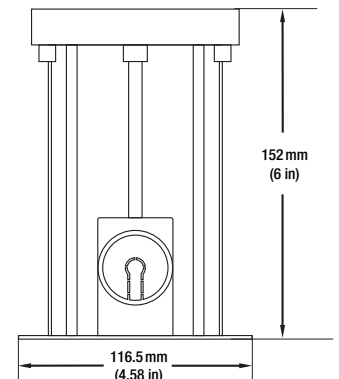
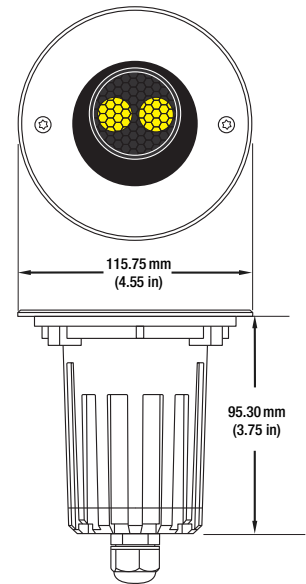
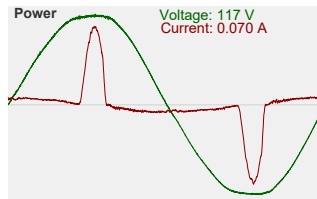
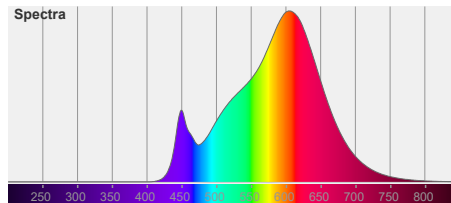
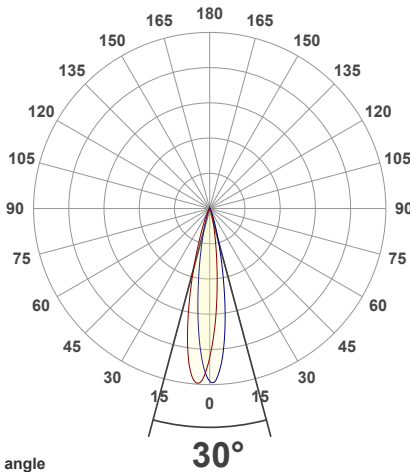
Model No.:	XB2DFR0257
Input Voltage:	24V DC
Light Source:	2 x 1.5W LED
Wattage:	3.5W
Bulb Type:	Integrated COB LED
Color Temperature:	3000K (Warm White)
Housing Material:	Die-cast Aluminum body
Beam Angle:	30° (Adjustable beam direction)
Cap Material:	Stainless Steel
IP Rating:	IP67 (Outdoor rated)
IK Rating:	IK09
Dimmable:	No
Cable Size:	Length: 53cm (1.8ft) Diameter: 7.5mm (0.29in) 2 x 16AWG
Dimensions with housing:	Base Diameter: 116.5mm (4.58in) Diameter: 115.75mm (4.55in) Height: 152mm (6in)
Dimensions without housing:	Diameter: 115.75mm (4.55in) Height: 95.30mm (3.75in)
Certification:	CE



SKU#: 666561414917

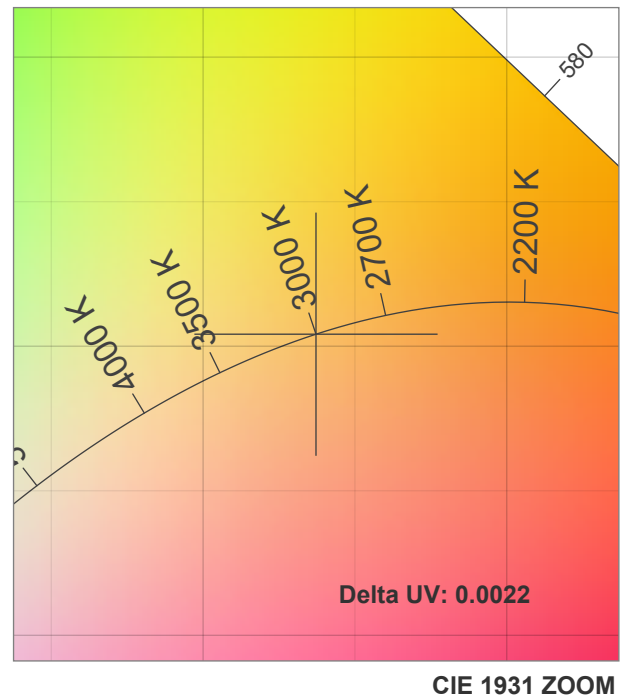
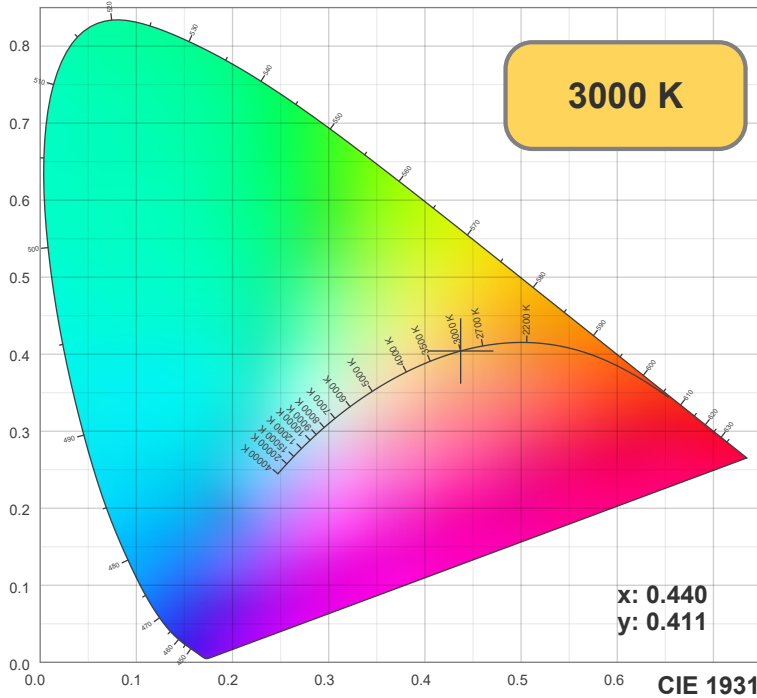
Features

- High-quality round adjustable beam direction in-ground light designed for outdoor applications.
- Powered by a 24 V DC operating voltage.
- Two integrated COB LED bulbs with a total power consumption of 3.5W.
- Suitable for creating a unique ambiance or offering functional illumination for walkways, garden lighting, and other desired applications.
- Not dimmable, but seamlessly integrates into a wide variety of outdoor applications.
- Provides warm white light at 3000K color temperature.
- Made of durable die-cast aluminum body with 316 stainless steel cap color finish.
- Adjustable beam direction of 30° for accent lighting or illumination.
- IP67 rating suitable for use in all types of weather.
- IK09 rating ensuring resistance to impact and vandalism.

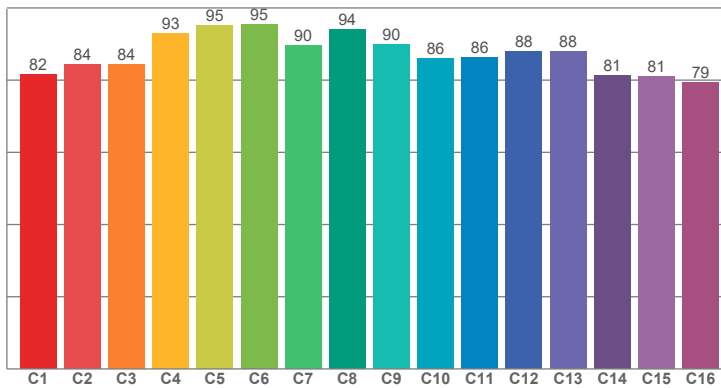


Disclaimer

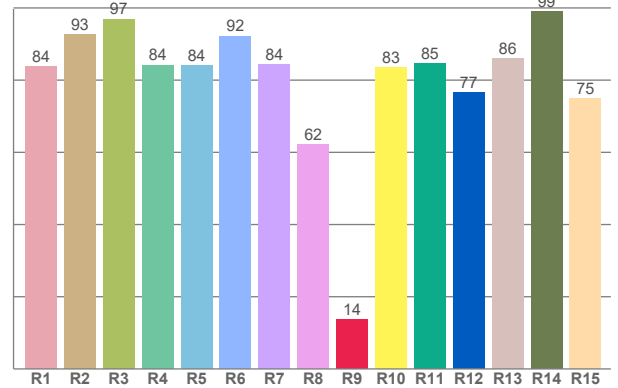
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TM30: 87.4



CRI: 85.1 (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
83.79	92.70	96.95	84.17	84.12	92.24	84.36	62.15	13.73	83.43	84.64	76.66	86.08	98.95	74.97

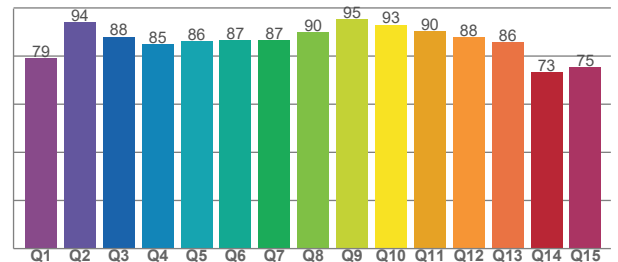
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81.54	84.44	84.38	92.82	95.15	95.44	89.58	94.02	89.87	86.07	86.29	87.88	87.90	81.18	80.92	79.36

CQS Q values

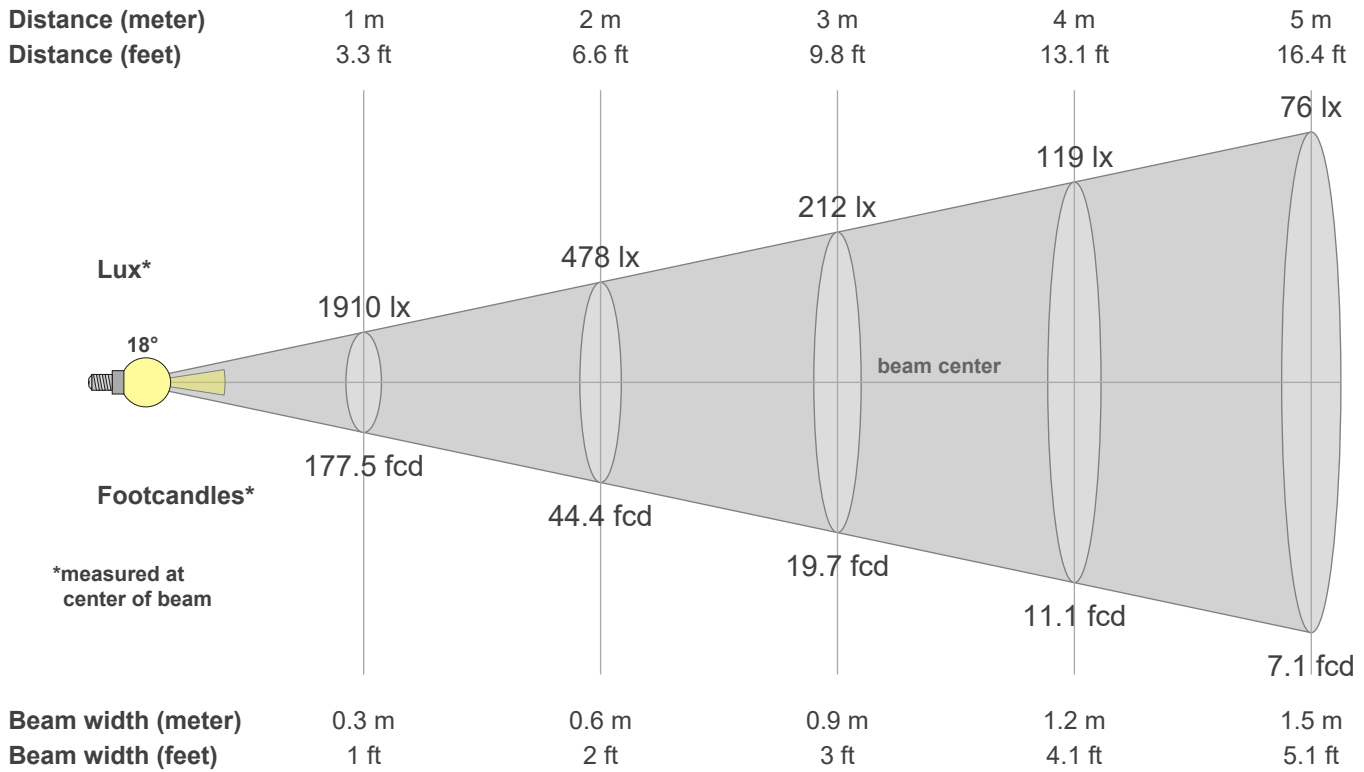
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.97	94.17	88.08	84.98	86.28	86.60	86.66	90.05	95.30	93.05	90.34	87.74	85.64	73.17	75.35

CQS: 84.9



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	85.1	13.7	87.4	94.8	84.9	0.4	0.4	0.3	0.3	0.0022



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°
1910	1631	1477	1324	1159	1001	849	710	588	484	390	313	255	209	174	144	122	106	92	80
100%	85%	77%	69%	61%	52%	44%	37%	31%	25%	20%	16%	13%	11%	9%	8%	6%	6%	5%	4%

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°
1910	2069	2044	1972	1877	1762	1622	1473	1319	1157	998	848	715	593	485	396	323	263	214	176
100%	108%	107%	103%	98%	92%	85%	77%	69%	61%	52%	44%	37%	31%	25%	21%	17%	14%	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°
1910	1896	2000	2063	2080	2061	2008	1921	1810	1672	1522	1356	1191	1029	877	737	612	501	404	329
100%	99%	105%	108%	109%	108%	105%	101%	95%	88%	80%	71%	62%	54%	46%	39%	32%	26%	21%	17%

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°
1910	1995	1907	1784	1644	1487	1321	1154	994	844	711	592	486	401	329	267	217	177	146	120
100%	104%	100%	93%	86%	78%	69%	60%	52%	44%	37%	31%	25%	21%	17%	14%	11%	9%	8%	6%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17.6°	34.4°	52.5°	100.0%	99.6%