



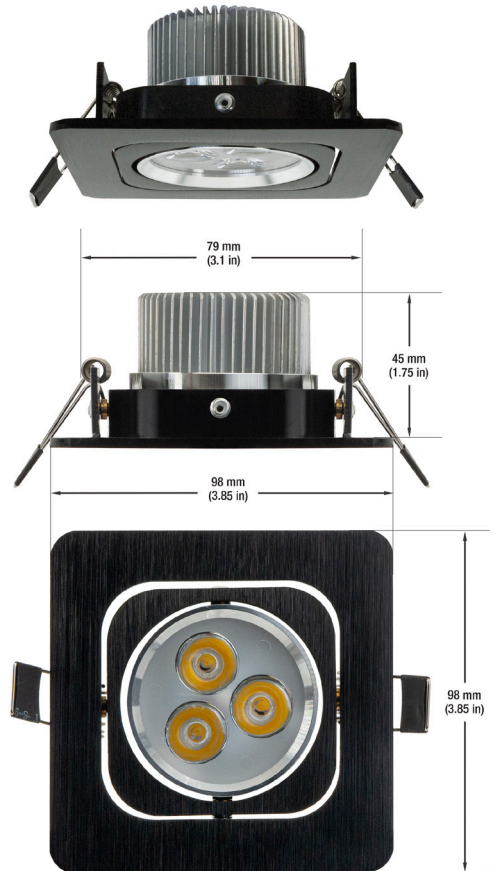
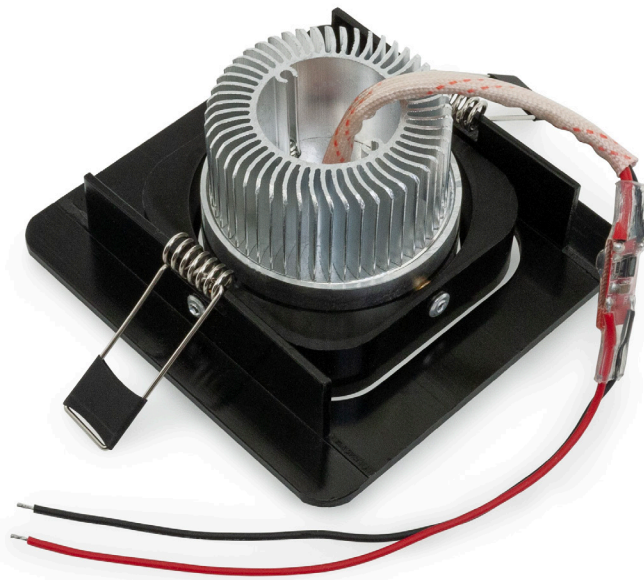
LED CEILING LIGHT TYPE7
12V 3W 3000K (WARM WHITE)

Specifications

Input Voltage:	12V
Wattage:	3W
Light Source :	3 x 1W
Color Temperature:	3000K (Warm White)
Brightness:	250 - 300 Lumens
Beam Angel:	30°
Tilt Angel:	45°
Trim Color:	Brushed Black
Dimmable:	Yes
Rendering Index:	CRI>80
IP Rated:	IP20 (Suitable for damp locations)
Wire Length:	23 cm (9 in) 24AWG
Dimensions:	Overall Length: 98 mm (3.85 in) Depth: 45 mm (1.75 in)
Cut Size:	79 mm (3.1 in)

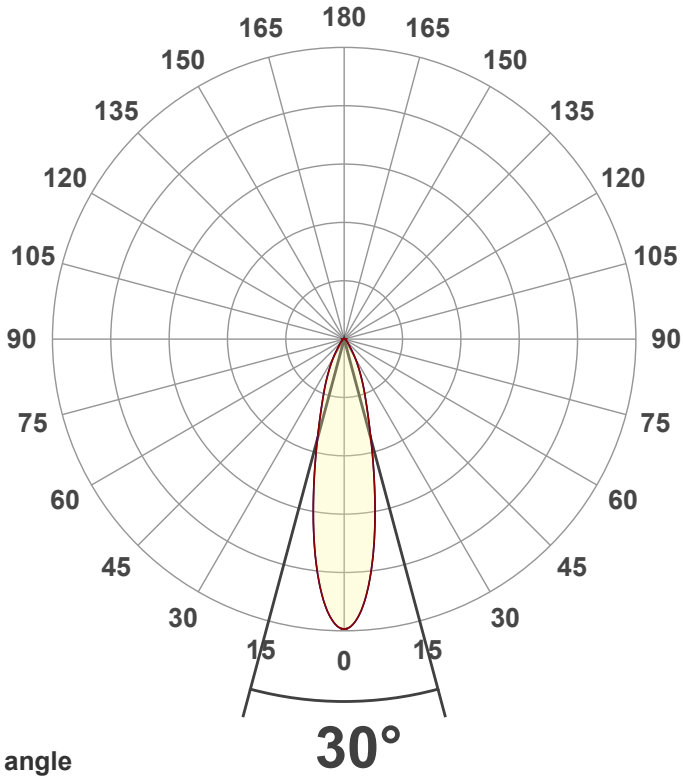


SKU: 666561414528



Disclaimer

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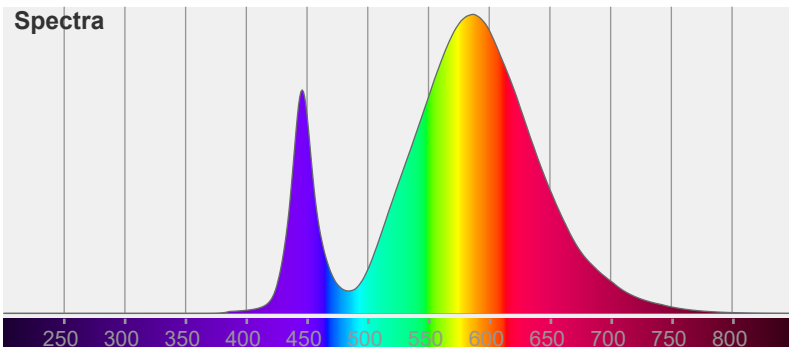


Color

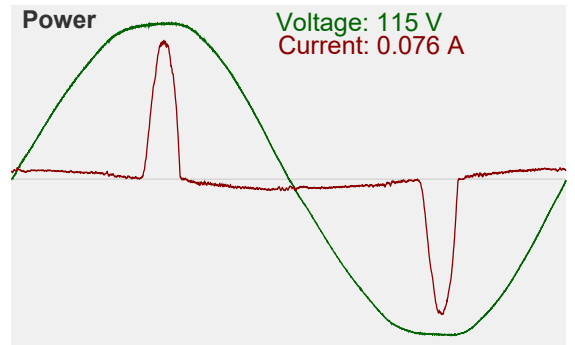


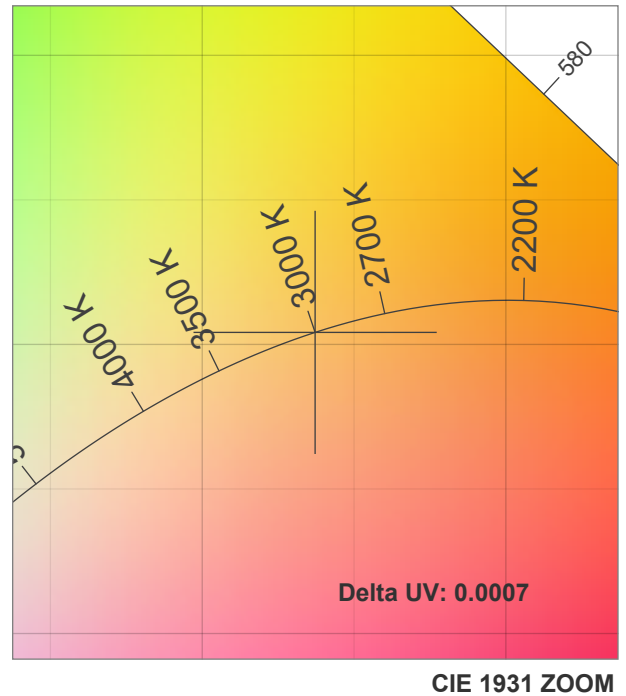
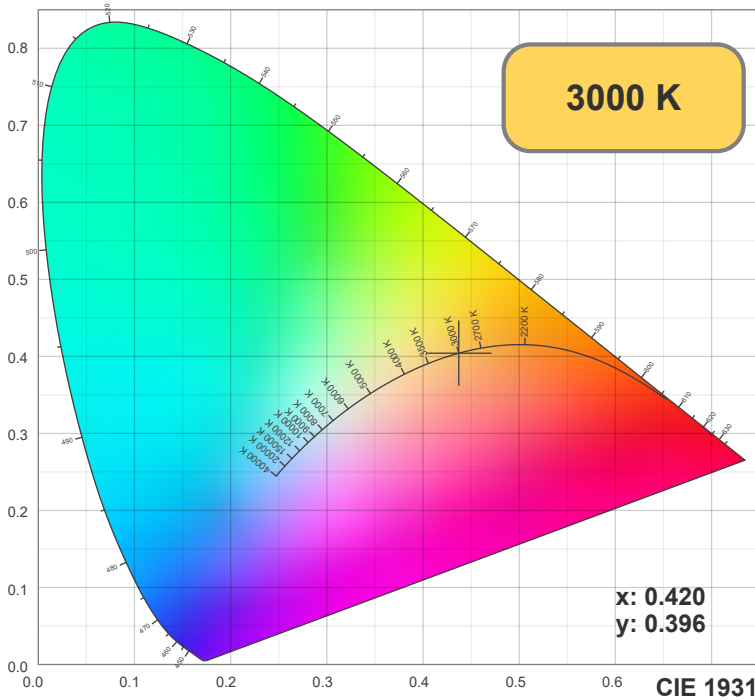
CIE1931
x: 0.420
y: 0.396

Spectra



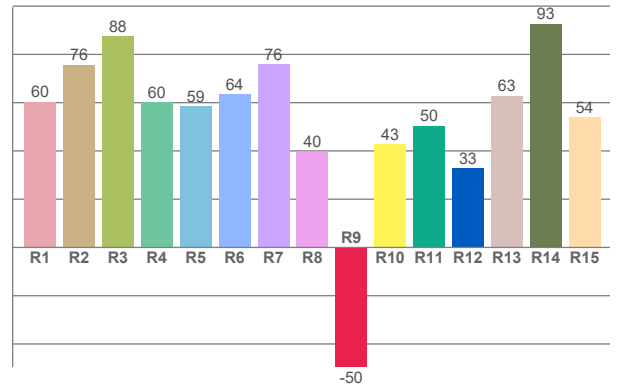
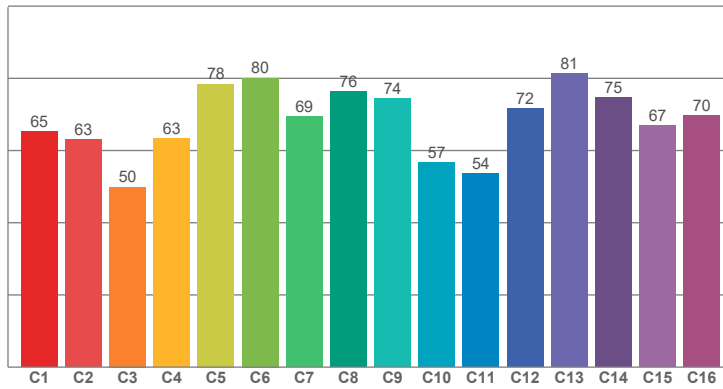
Power





TM30: 67.7

CRI: 65.2 (R1-R8)



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

R	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Value	60.45	75.62	87.58	60.19	58.56	63.54	75.91	39.68	-49.60	42.72	50.46	32.86	62.74	92.76	53.96

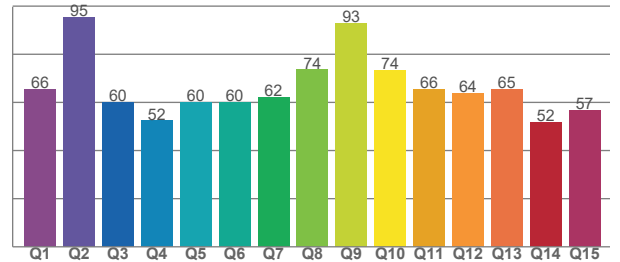
TM30 C values, 16 binned values out of total of 99 C values

C	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
Value	65.18	63.07	49.91	63.33	78.45	80.10	69.37	76.36	74.36	56.71	53.60	71.65	81.25	74.69	67.00	69.75

CQS Q values

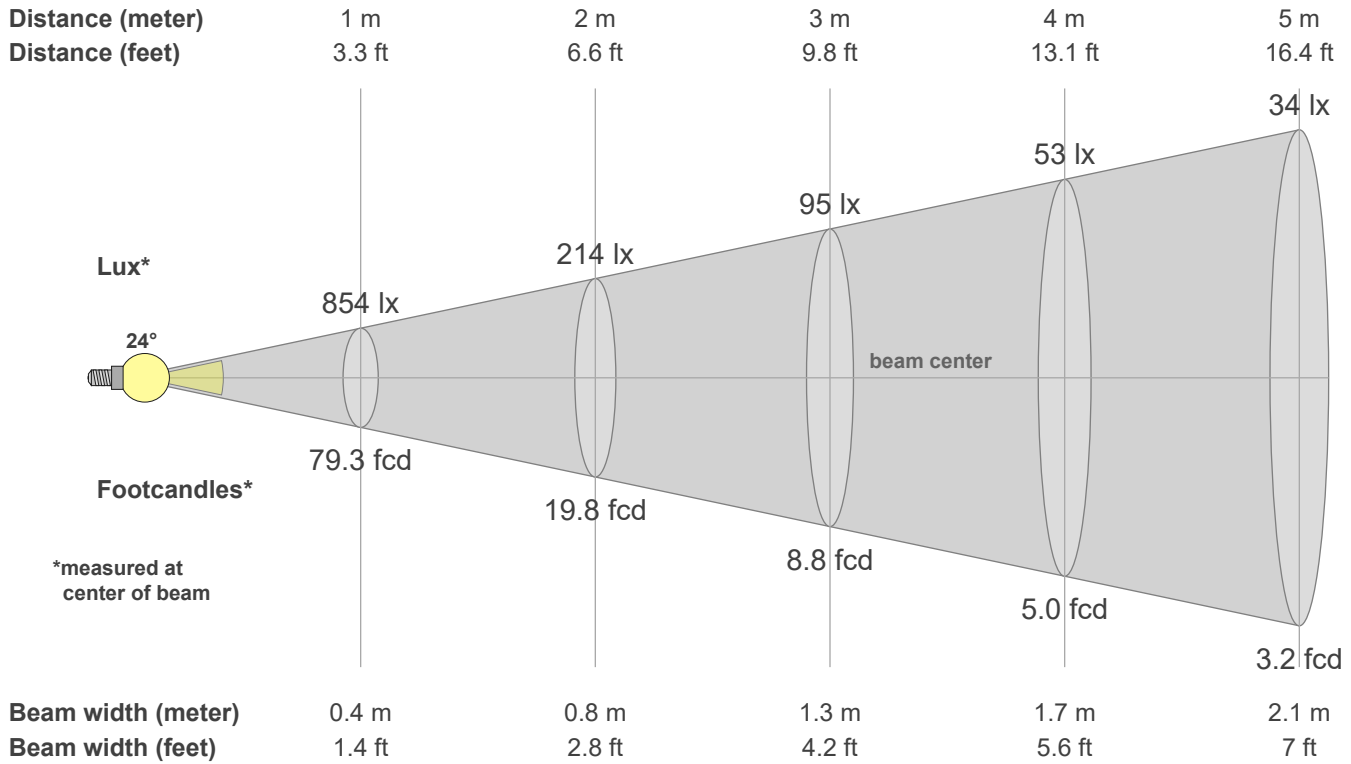
Q	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
Value	65.50	95.37	59.89	52.36	59.99	60.20	62.30	73.55	93.06	73.54	65.60	63.92	65.35	51.77	56.57

CQS: 64.3



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	65.2	-49.6	67.7	93.1	64.3	0.4	0.4	0.3	0.3	-0.0007



Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
854	837	789	715	624	523	426	341	272	220	181	151	124	101	82	65	51	38	30	25
100%	98%	92%	84%	73%	61%	50%	40%	32%	26%	21%	18%	15%	12%	10%	8%	6%	4%	4%	3%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
854	837	789	715	624	523	426	341	272	220	181	151	124	101	82	65	51	38	30	25
100%	98%	92%	84%	73%	61%	50%	40%	32%	26%	21%	18%	15%	12%	10%	8%	6%	4%	4%	3%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
854	837	789	715	624	523	426	341	272	220	181	151	124	101	82	65	51	38	30	25
100%	98%	92%	84%	73%	61%	50%	40%	32%	26%	21%	18%	15%	12%	10%	8%	6%	4%	4%	3%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
854	837	789	715	624	523	426	341	272	220	181	151	124	101	82	65	51	38	30	25
100%	98%	92%	84%	73%	61%	50%	40%	32%	26%	21%	18%	15%	12%	10%	8%	6%	4%	4%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24.0°	55.3°	79.4°	97.3%	92.5%