



ELS-CS005W-049

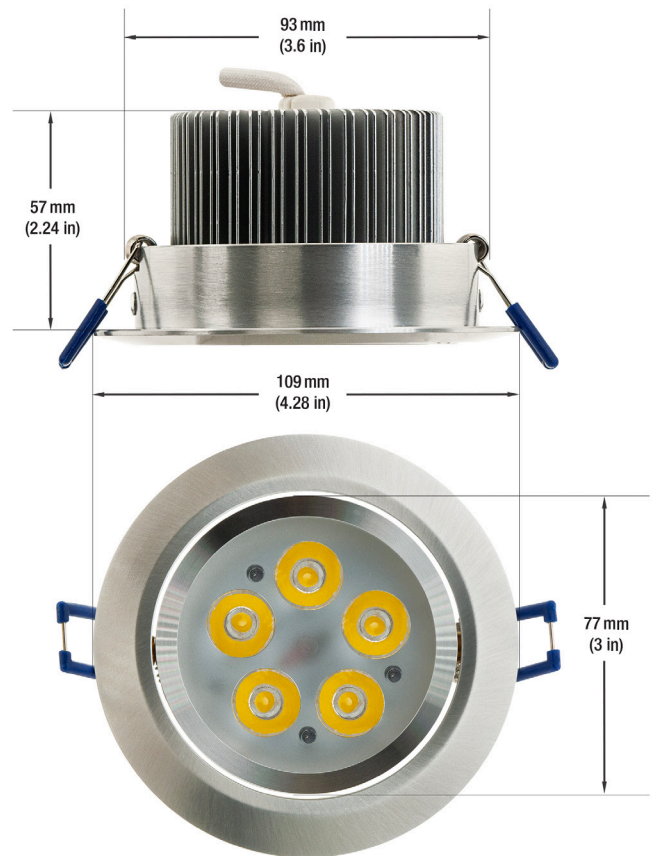
LED CEILING LIGHT, 5W 3000 (WARM WHITE)

Specifications

Model No.:	ELS-CS005W-049
Input Voltage:	12V DC
Wattage:	5W
Frequency:	50-60Hz
Color Temperature:	3000K (Warm White)
Light Source Specification:	5 x 1W LED
Body Color:	Silver Gray
Dimmable:	Yes
Beam Angle:	30°
Rendering Index:	CRI>80
IC Rated:	Yes
IP Rated:	IP20 (Dry Locations)
Dimensions:	Ø 109 mm (4.28 in), Depth 57 mm (2.24 in)
Cut Size:	Ø 93 mm (3.6 in)
Certificate:	CE

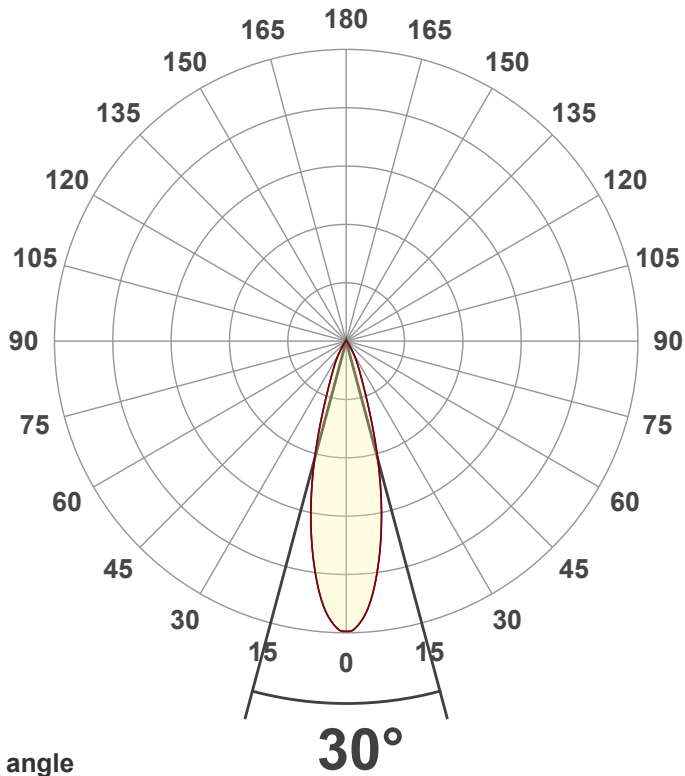


SKU: 666561405458



Disclaimer

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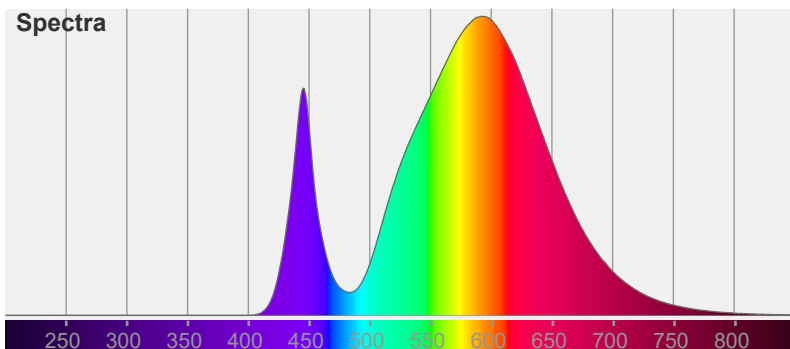


Color

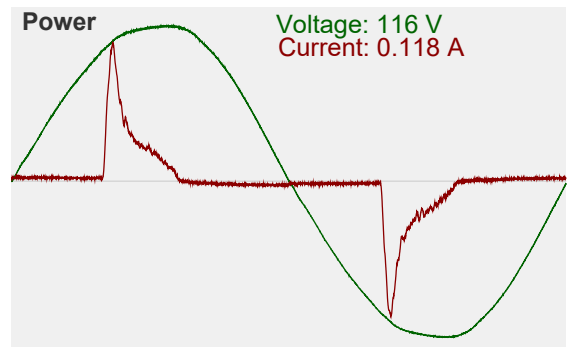


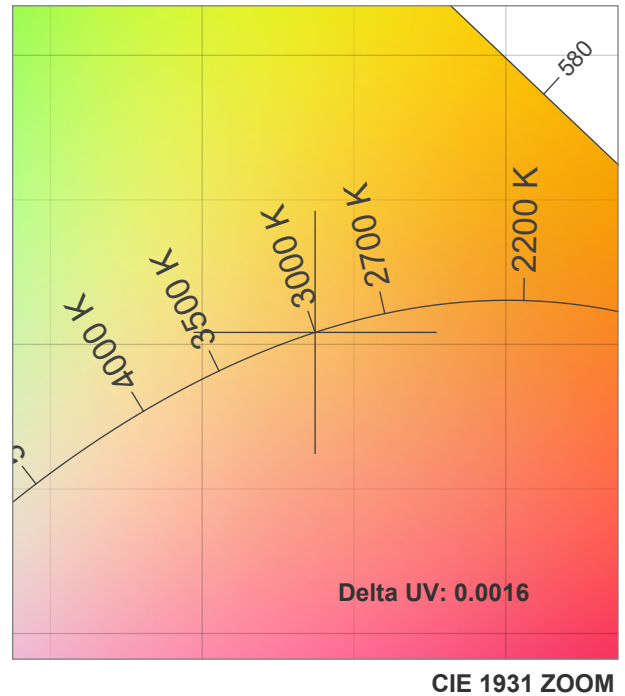
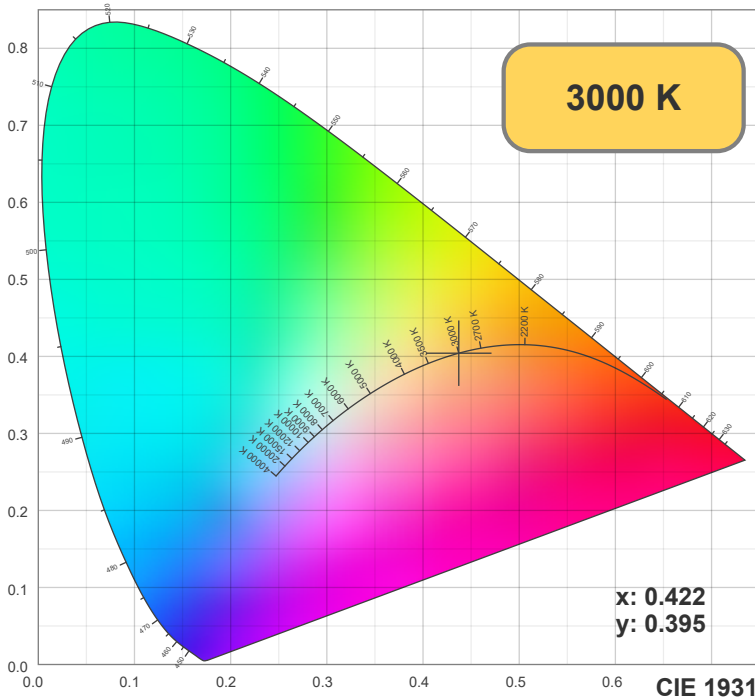
CIE1931
x: 0.422
y: 0.395

Spectra



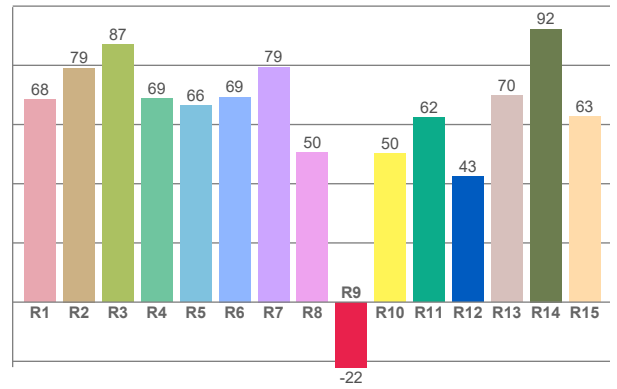
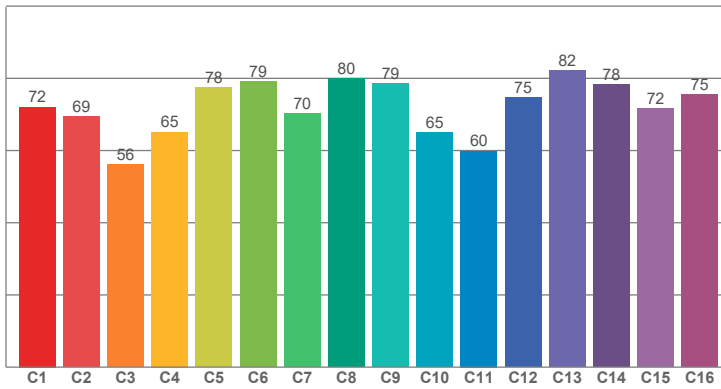
Power





TM30: 71.6

CRI: 71.2 (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
68.49	79.11	87.14	68.88	66.49	69.32	79.45	50.44	-21.96	50.28	62.50	42.52	69.91	92.26	62.59

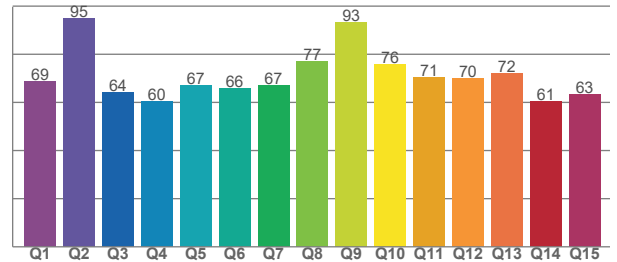
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72.06	69.42	56.11	65.16	77.52	79.20	70.20	79.96	78.60	65.05	59.88	74.64	82.23	78.34	71.69	75.46

CQS Q values

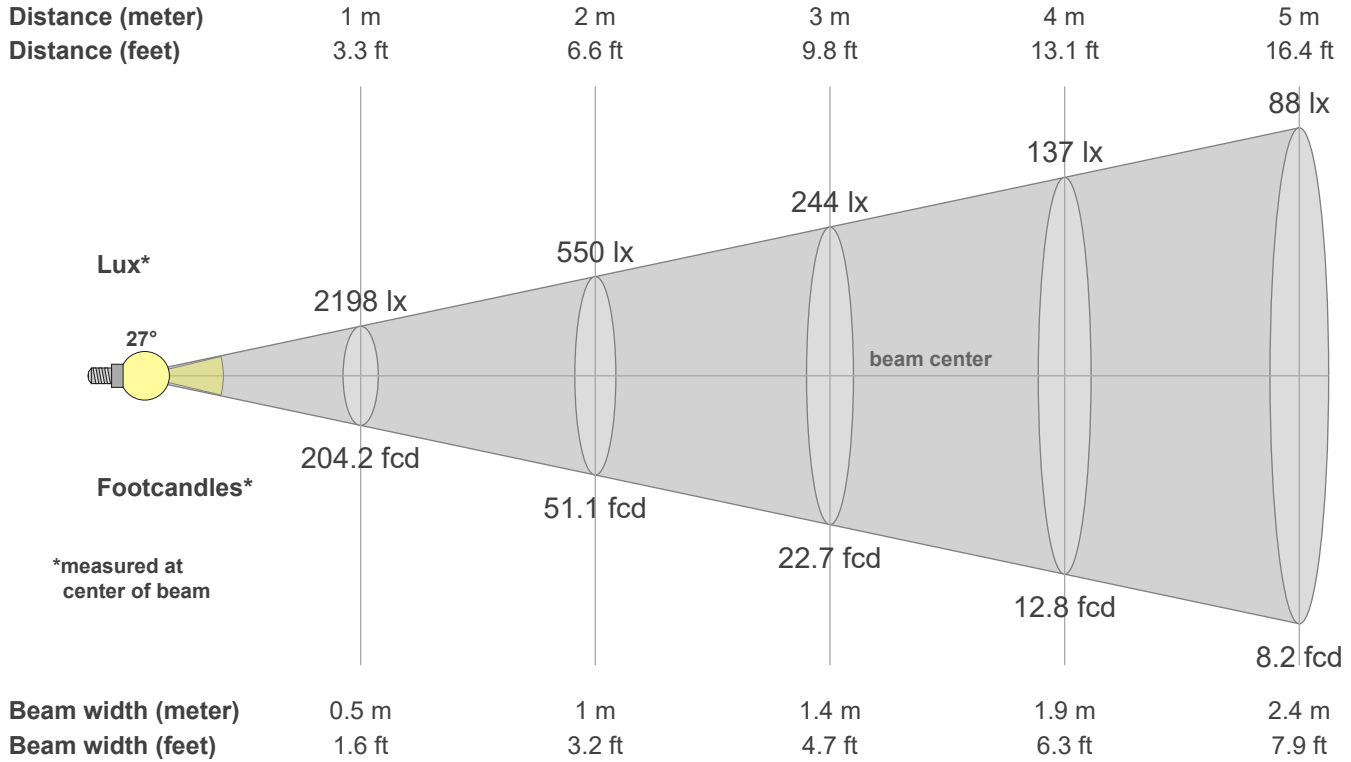
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
68.79	95.04	64.33	60.45	66.96	65.95	67.17	77.17	93.18	75.77	70.56	70.01	71.92	60.51	63.33

CQS: 69.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	71.2	-22.0	71.6	97.2	69.6	0.4	0.4	0.3	0.3	-0.0016



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°
2198	2171	2076	1925	1730	1515	1284	1045	806	591	427	320	250	197	154	116	84	60	45	35
100%	99%	94%	88%	79%	69%	58%	48%	37%	27%	19%	15%	11%	9%	7%	5%	4%	3%	2%	2%

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°
2198	2171	2076	1925	1730	1515	1284	1045	806	591	427	320	250	197	154	116	84	60	45	35
100%	99%	94%	88%	79%	69%	58%	48%	37%	27%	19%	15%	11%	9%	7%	5%	4%	3%	2%	2%

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°
2198	2171	2076	1925	1730	1515	1284	1045	806	591	427	320	250	197	154	116	84	60	45	35
100%	99%	94%	88%	79%	69%	58%	48%	37%	27%	19%	15%	11%	9%	7%	5%	4%	3%	2%	2%

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°
2198	2171	2076	1925	1730	1515	1284	1045	806	591	427	320	250	197	154	116	84	60	45	35
100%	99%	94%	88%	79%	69%	58%	48%	37%	27%	19%	15%	11%	9%	7%	5%	4%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27.1°	50.2°	69.2°	98.4%	95.6%