

ECOSENSE[®]

Light efficiency:

LPW: 85.6

Light quality:

CRI: 93.0

Color temperature:

3102 K

Output: 416 lm

Peak: 4130 cd

Power: 4.85W

8 PLANES



SKU:

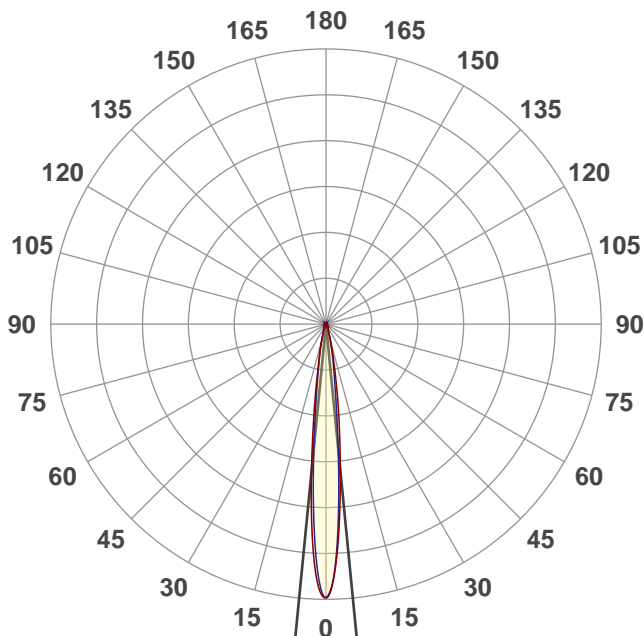
L09-E-012-05-30-90-CV24-10X10

Date and time:

3/17/2020 3:25:24 PM

Product name:

TROV FLEX



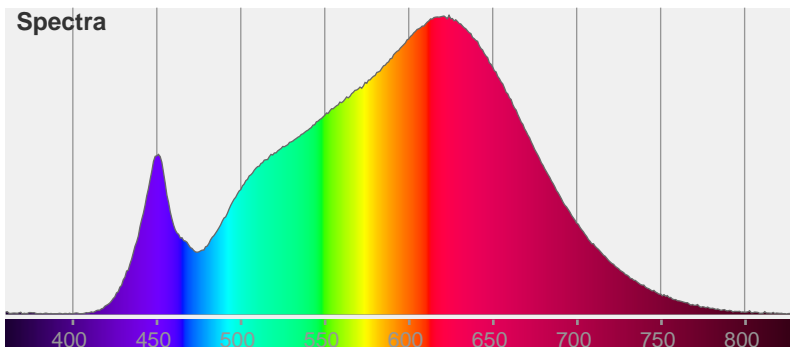
Beam angle

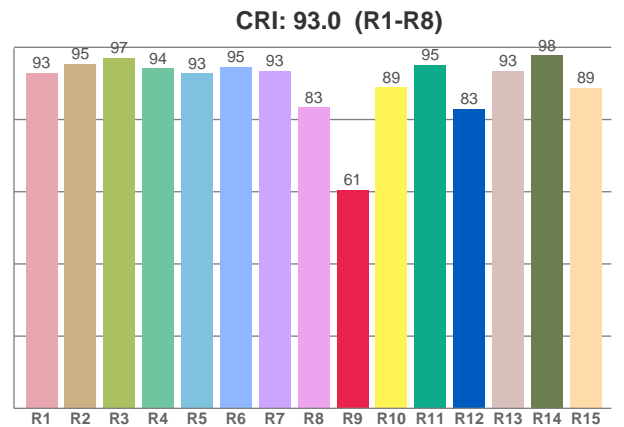
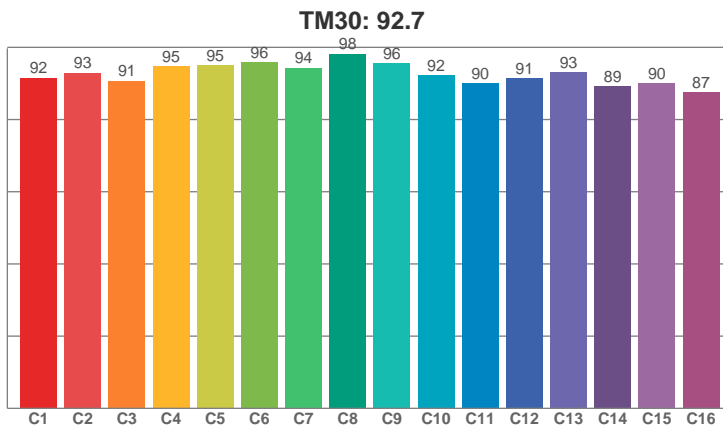
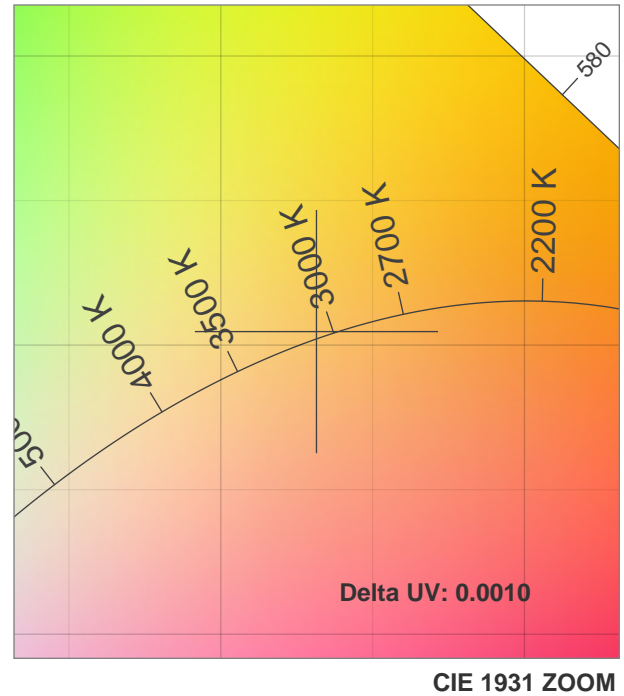
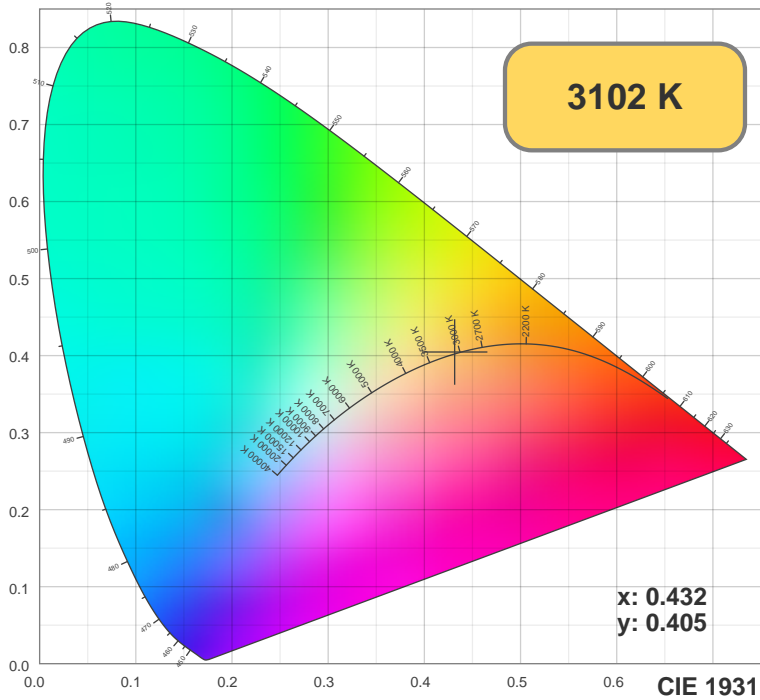
11.2°

Color

CIE1931
x: 0.432
y: 0.405

Spectra





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

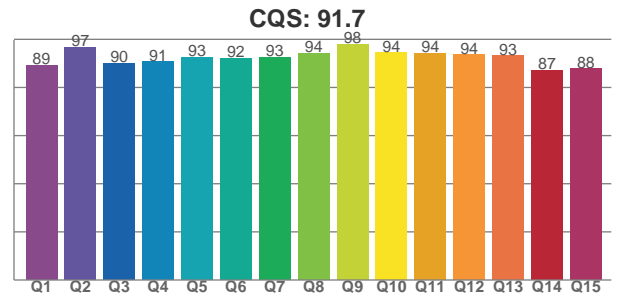
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.94	95.38	97.07	94.11	92.71	94.56	93.44	83.45	60.55	88.83	95.17	82.93	93.45	97.78	88.75

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
91.53	92.93	90.67	94.74	94.95	95.80	94.36	98.23	95.63	92.20	89.96	91.40	93.14	89.23	89.96	87.49

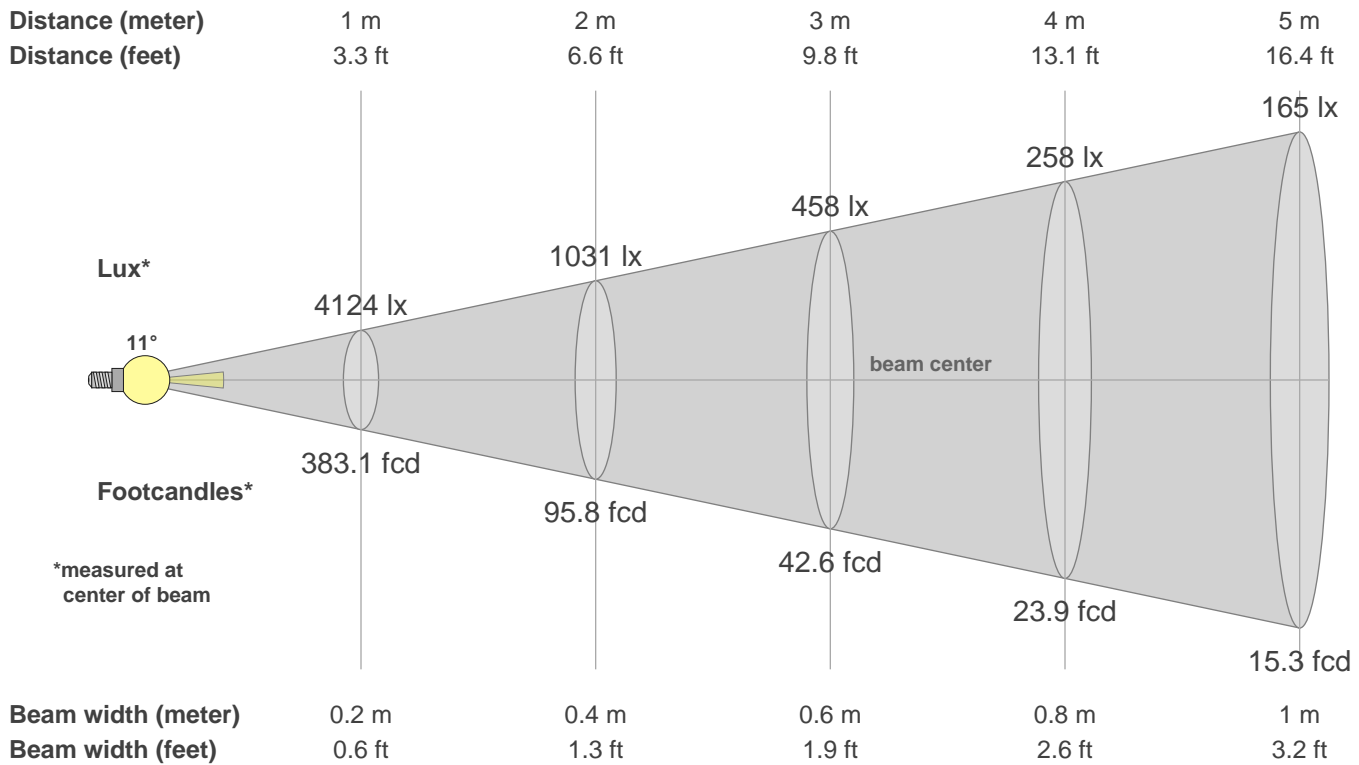
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.05	96.77	89.87	90.65	92.60	92.21	92.56	94.16	97.78	94.37	94.08	93.58	93.18	87.16	87.72



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3102 K	93.0	60.5	92.7	99.9	91.7	0.4	0.4	0.2	0.3	0.0010



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°
4124	4009	3750	3371	2927	2472	2055	1689	1379	1107	872	679	531	428	346	277	219	178	148	127
100%	97%	91%	82%	71%	60%	50%	41%	33%	27%	21%	16%	13%	10%	8%	7%	5%	4%	4%	3%

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°
4124	4024	3720	3269	2734	2186	1686	1297	1009	807	662	545	438	351	284	231	187	150	124	106
100%	98%	90%	79%	66%	53%	41%	31%	24%	20%	16%	13%	11%	9%	7%	6%	5%	4%	3%	3%

Intensities in 180° c-plane

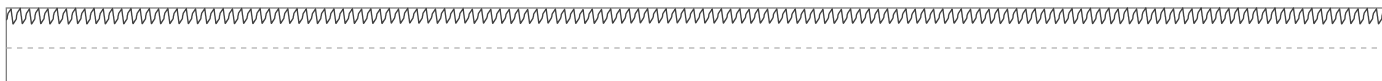
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
4124	4075	3874	3522	3063	2557	2054	1599	1241	952	724	560	449	369	305	252	204	168	142	123
100%	99%	94%	85%	74%	62%	50%	39%	30%	23%	18%	14%	11%	9%	7%	6%	5%	4%	3%	3%

Intensities in 270° c-plane

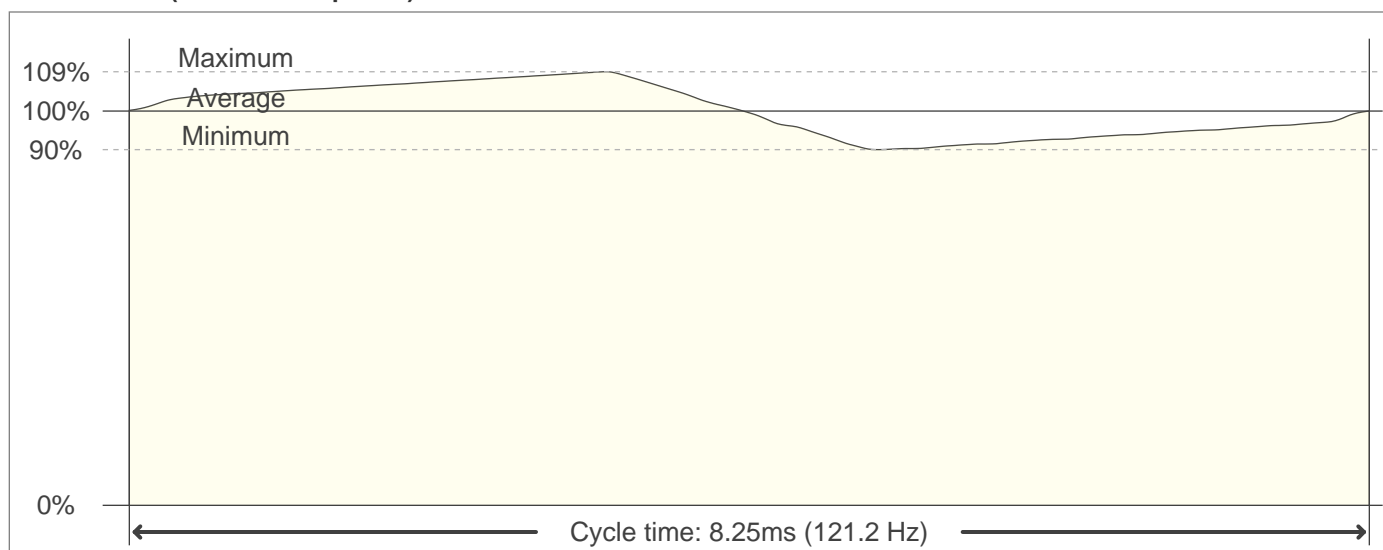
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
4124	4014	3706	3250	2719	2184	1697	1305	1001	779	625	520	437	362	287	227	181	150	127	109
100%	97%	90%	79%	66%	53%	41%	32%	24%	19%	15%	13%	11%	9%	7%	6%	4%	4%	3%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11.2°	24.9°	39.7°	88.4%	77.3%

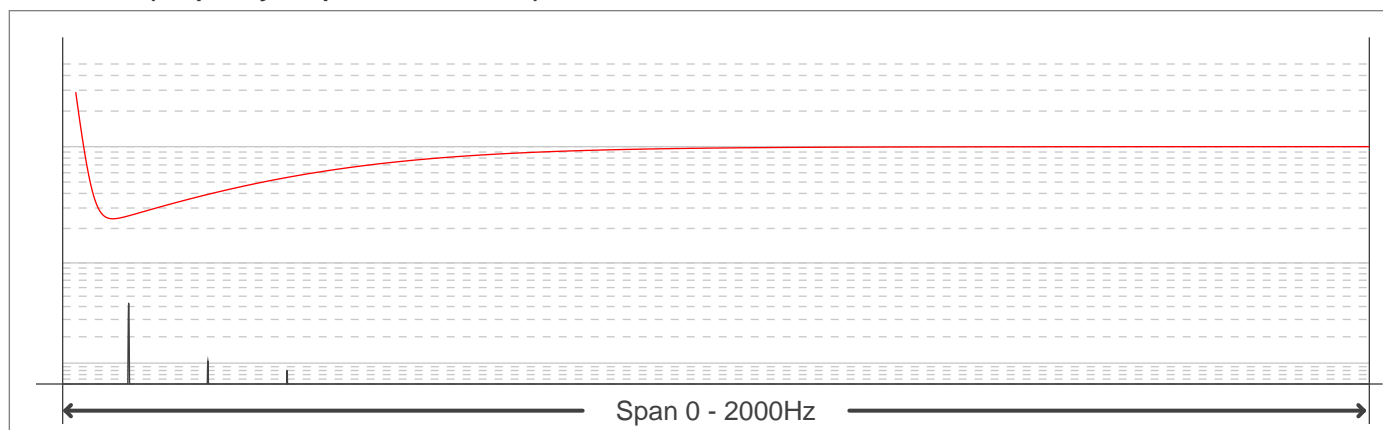
Flicker curve (Complete sampled flicker signal)



Flicker frame (frame of one period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

Flicker frequency:	121.21 Hz
Flicker index:	0.03
Flicker percentage:	11.04 %
SVM: (Visual flicker)	0.31

Flicker conditions:

Sample Rate	40000 samples/second
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