

ECOSENSE[®]

Light efficiency:

LPW: 82.88

Light quality:

CRI: 92.7

Color temperature:

3469 K

Output: 693 lm

Peak: 6377 cd

Power: 8.36W

8 PLANES



SKU:

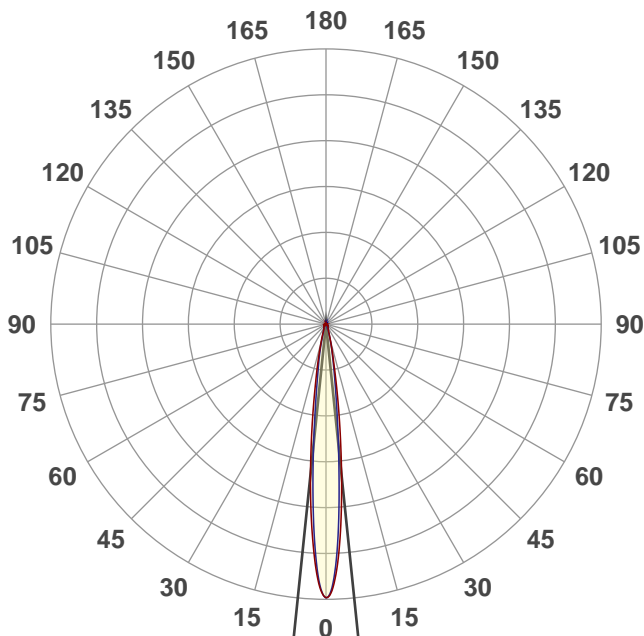
L09-E-012-09-35-90-CV24-10X10

Date and time:

3/16/2020 7:26:33 PM

Product name:

TROV FLEX



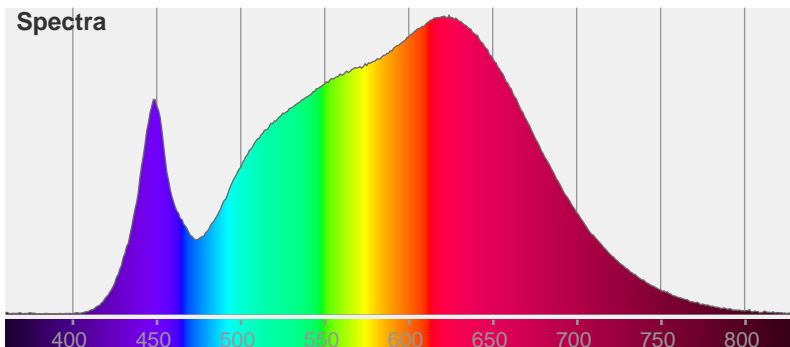
Beam angle

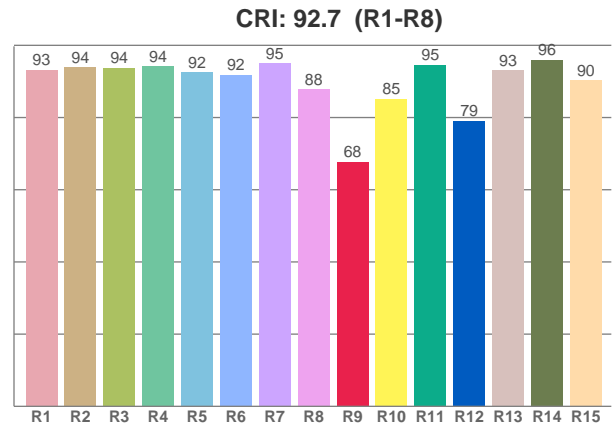
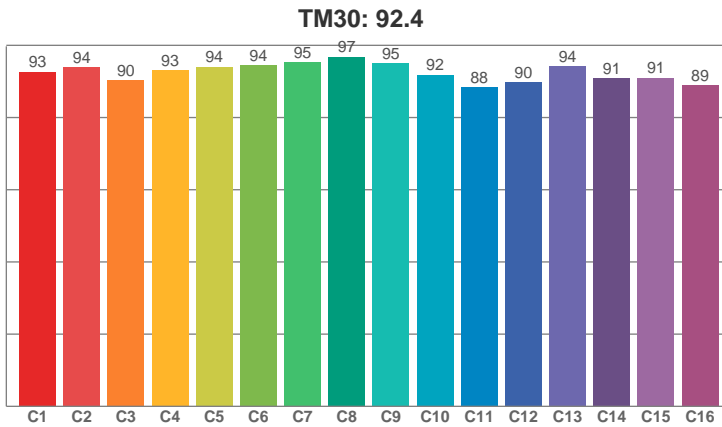
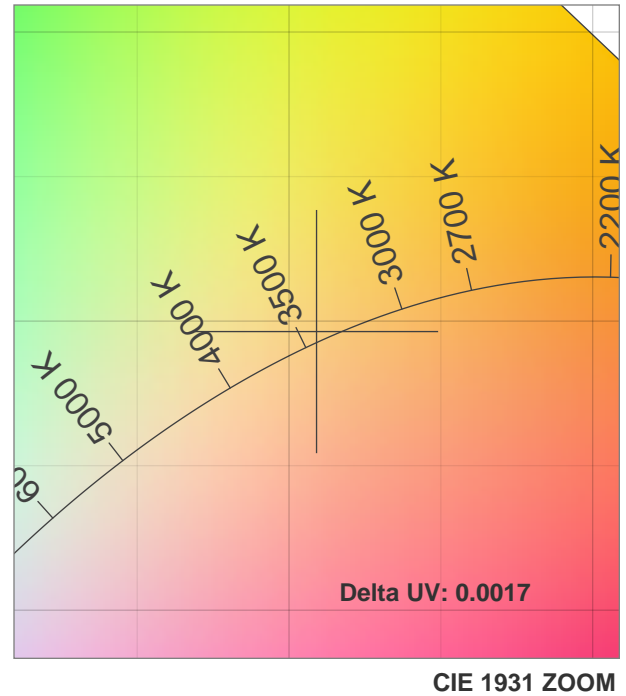
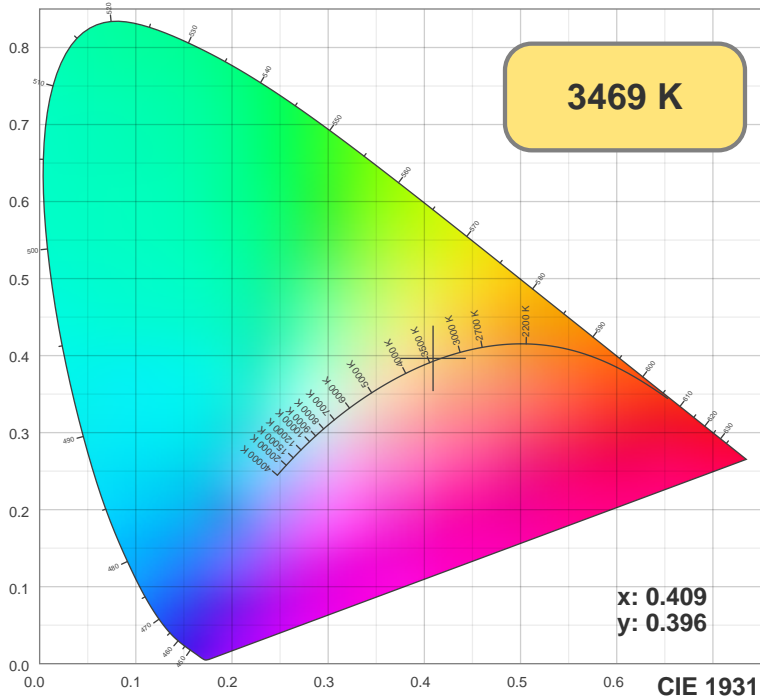
11.8°

Color

CIE1931
x: 0.409
y: 0.396

Spectra





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

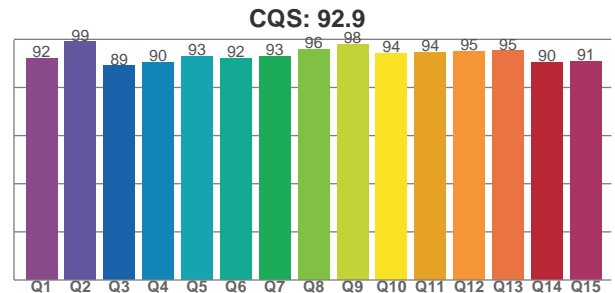
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.17	93.91	93.71	94.24	92.43	91.78	94.96	87.75	67.70	85.14	94.59	79.04	93.06	95.97	90.34

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
92.61	93.84	90.36	93.03	94.05	94.43	95.26	96.82	95.04	91.84	88.34	89.76	94.24	90.81	90.98	88.97

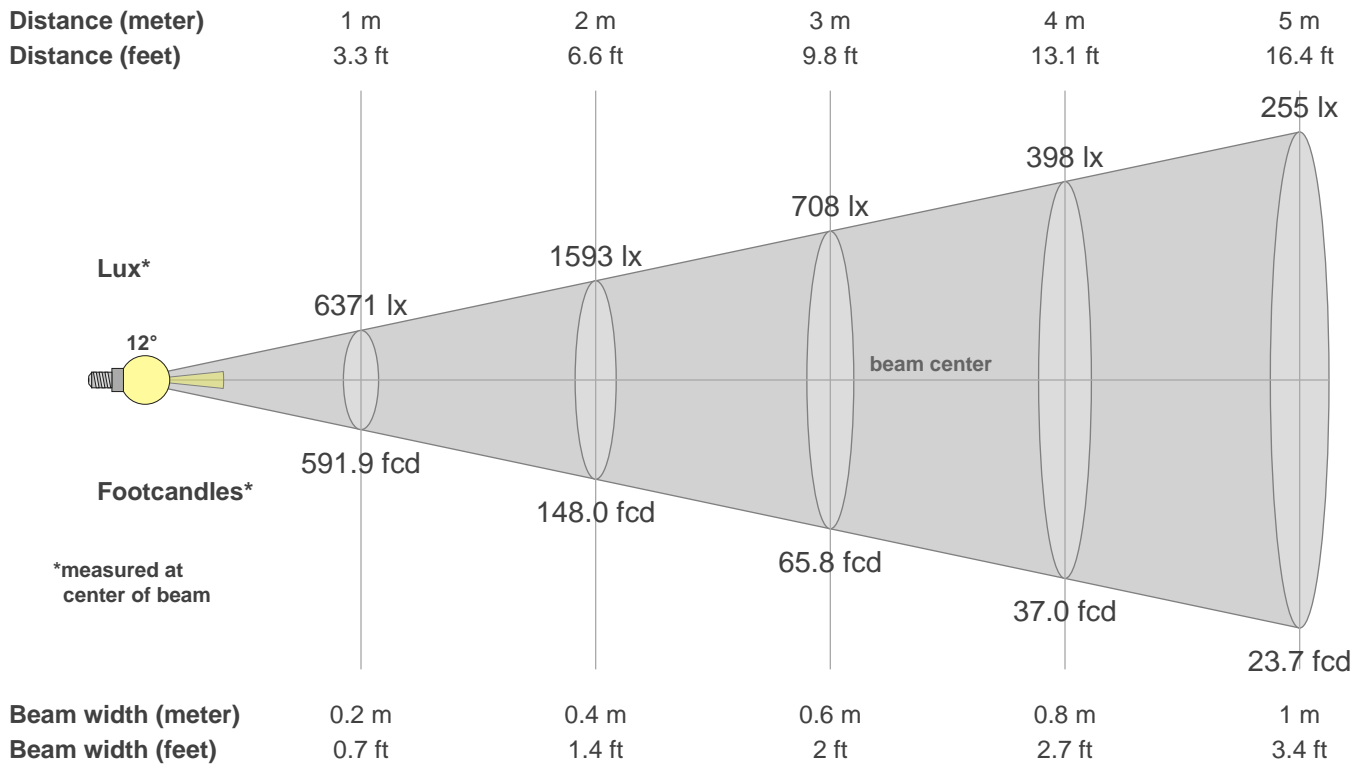
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.18	99.00	88.95	90.44	92.90	92.14	92.78	95.91	97.87	94.20	94.48	94.86	95.18	90.31	90.88



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3469 K	92.7	67.7	92.4	100.6	92.9	0.4	0.4	0.2	0.3	0.0017



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°
6371	6281	5955	5463	4841	4151	3470	2813	2242	1743	1329	1012	786	625	505	416	347	288	240	204
100%	99%	93%	86%	76%	65%	54%	44%	35%	27%	21%	16%	12%	10%	8%	7%	5%	5%	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°
6371	6238	5805	5144	4326	3479	2746	2137	1668	1312	1050	855	699	573	460	368	291	238	200	174
100%	98%	91%	81%	68%	55%	43%	34%	26%	21%	16%	13%	11%	9%	7%	6%	5%	4%	3%	3%

Intensities in 180° c-plane

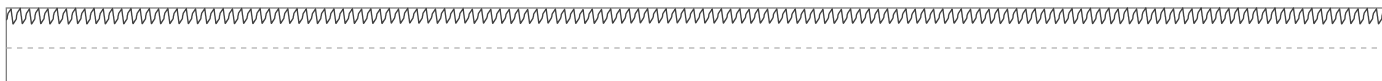
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6371	6229	5873	5347	4741	4101	3454	2831	2276	1798	1412	1131	900	714	564	458	376	310	257	217
100%	98%	92%	84%	74%	64%	54%	44%	36%	28%	22%	18%	14%	11%	9%	7%	6%	5%	4%	3%

Intensities in 270° c-plane

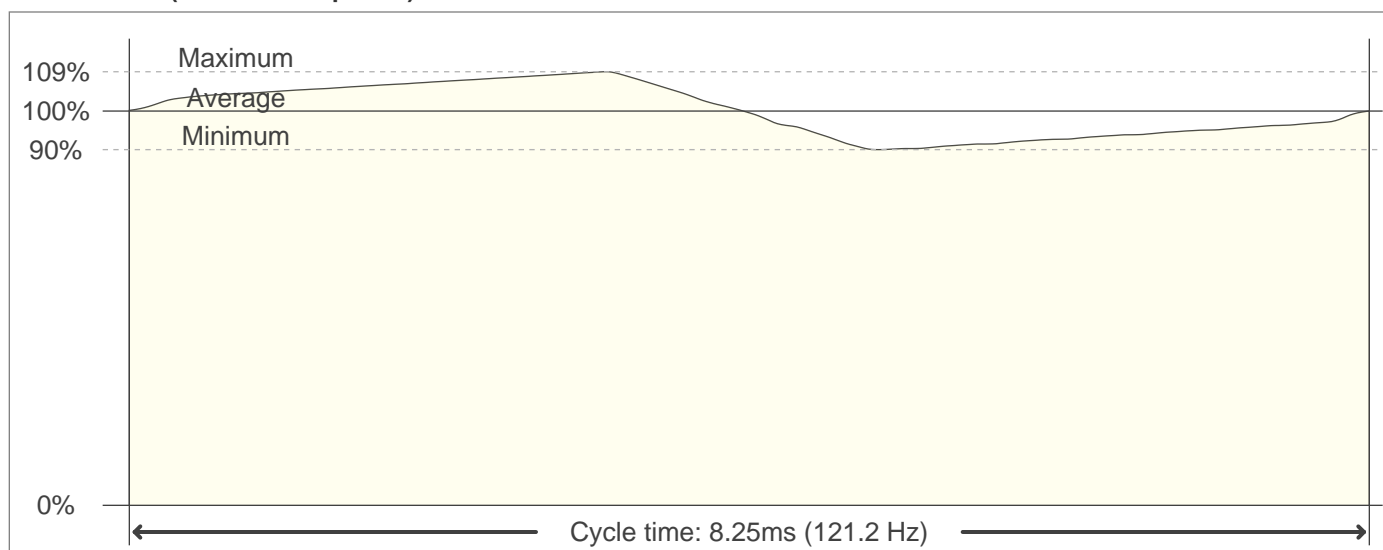
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6371	6199	5747	5071	4285	3481	2730	2103	1626	1274	1031	864	710	564	443	355	290	243	206	182
100%	97%	90%	80%	67%	55%	43%	33%	26%	20%	16%	14%	11%	9%	7%	6%	5%	4%	3%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11.8°	25.6°	41.5°	88.1%	76.8%

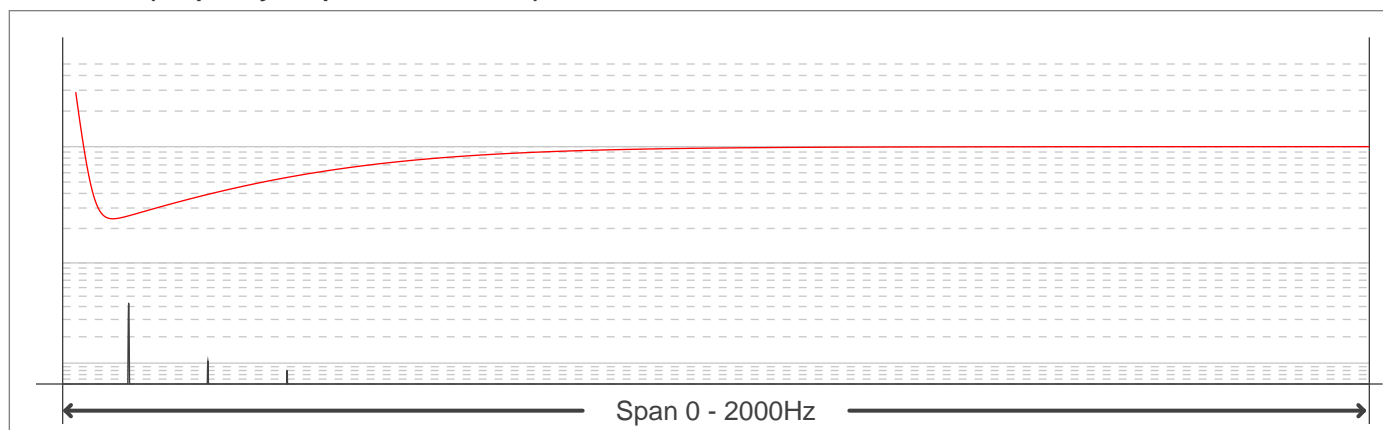
Flicker curve (Complete sampled flicker signal)



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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