

ECOSENSE[®]

Light efficiency:

LPW: 99.67

Light quality:

CRI: 82.8

Color temperature:

2954 K

Output: 475 lm

Peak: 5194 cd

Power: 4.8W

8 PLANES



SKU:

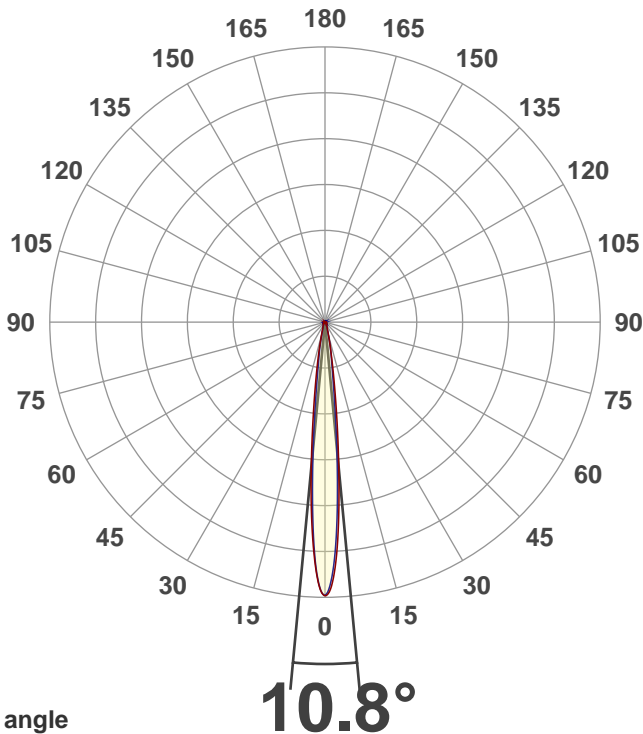
L09-E-012-05-30-80-CV24-10X10

Date and time:

3/16/2020 4:28:29 PM

Product name:

TROV FLEX

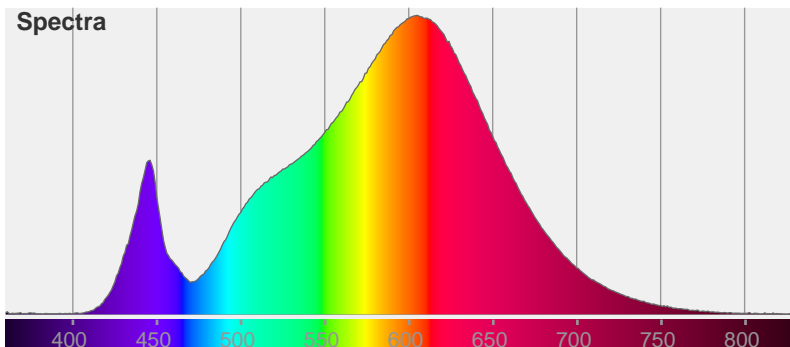


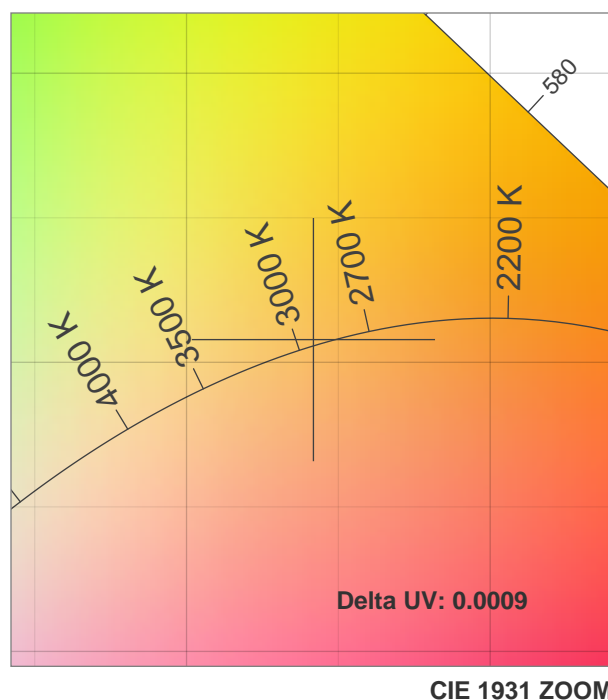
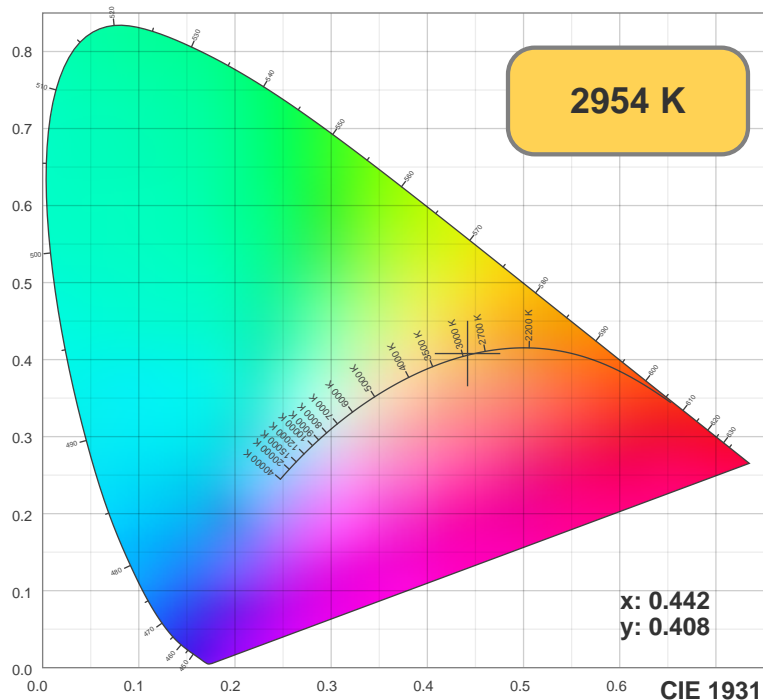
Color



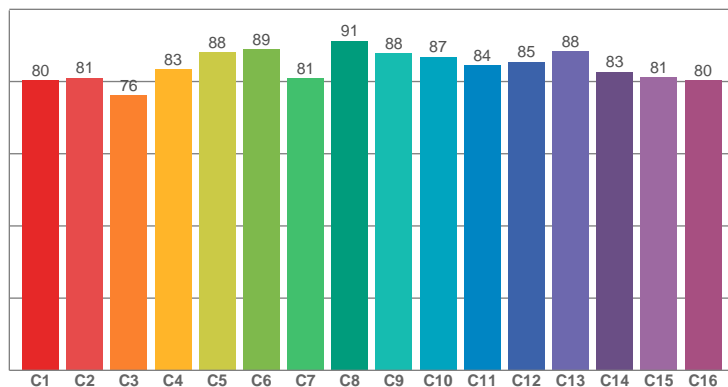
CIE1931
x: 0.442
y: 0.408

Spectra

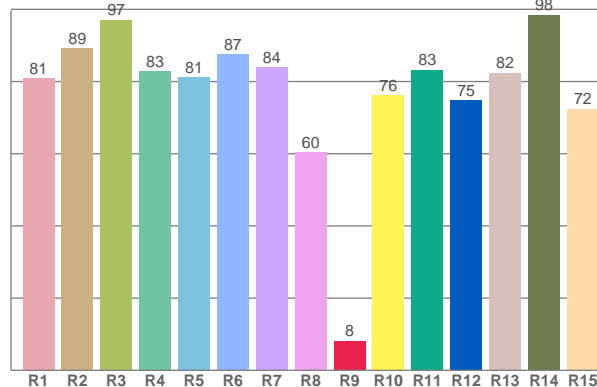




TM30: 84.0



CRI: 82.8 (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
80.80	89.18	97.12	82.81	81.15	87.46	83.90	60.31	8.15	76.19	83.20	74.81	82.44	98.41	72.45

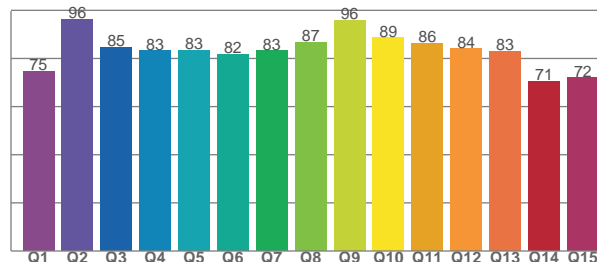
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80.30	81.00	76.14	83.45	88.05	88.91	80.80	91.21	87.85	86.87	84.46	85.44	88.34	82.73	81.18	80.25

CQS Q values

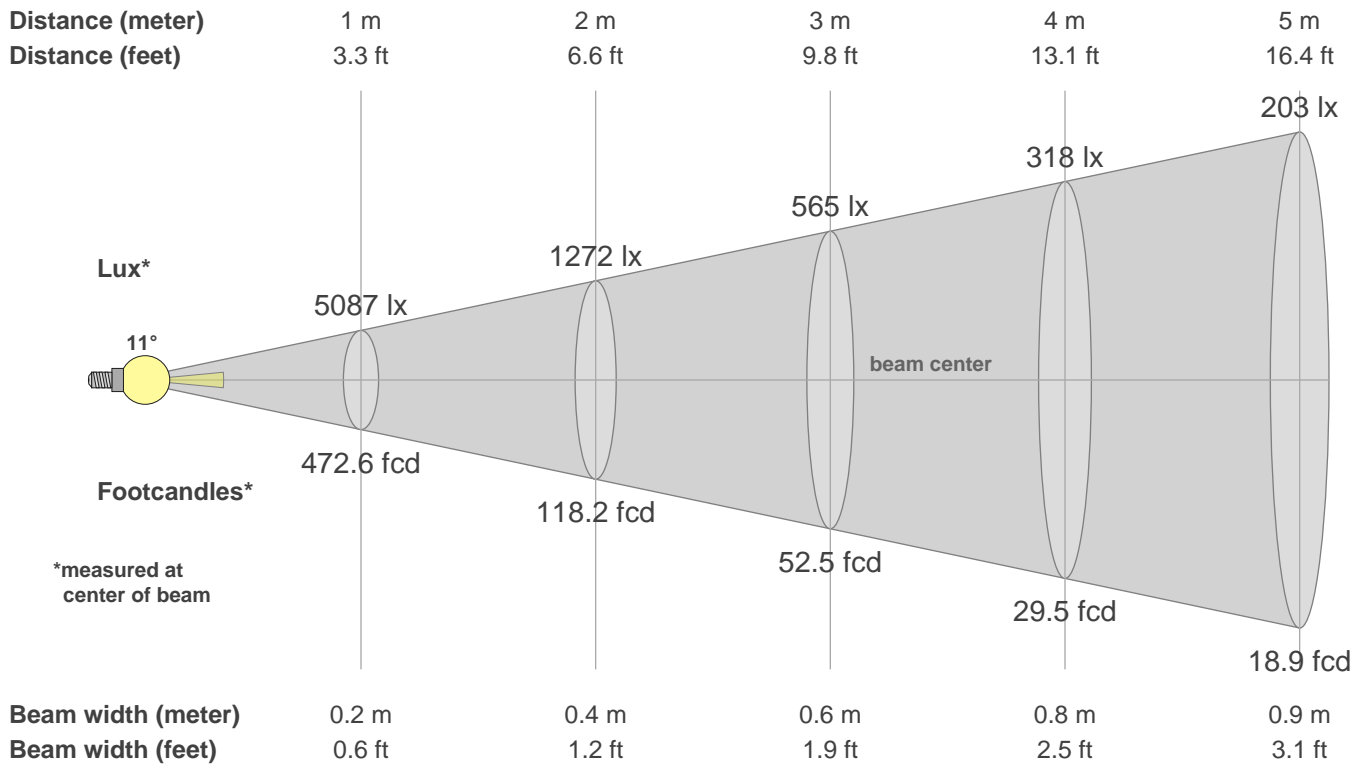
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
74.72	96.10	84.73	83.20	83.33	81.69	83.21	86.75	95.74	88.60	86.41	84.03	82.87	70.64	71.97

CQS: 82.0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2954 K	82.8	8.1	84.0	98.2	82.0	0.4	0.4	0.3	0.3	0.0009



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°
5087	4997	4710	4248	3642	2976	2351	1812	1374	1041	796	611	486	387	306	251	211	180	154	137
100%	98%	93%	84%	72%	58%	46%	36%	27%	20%	16%	12%	10%	8%	6%	5%	4%	4%	3%	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°
5087	4915	4543	3989	3306	2595	1945	1432	1068	834	678	564	459	356	280	224	188	161	140	127
100%	97%	89%	78%	65%	51%	38%	28%	21%	16%	13%	11%	9%	7%	6%	4%	4%	3%	3%	2%

Intensities in 180° c-plane

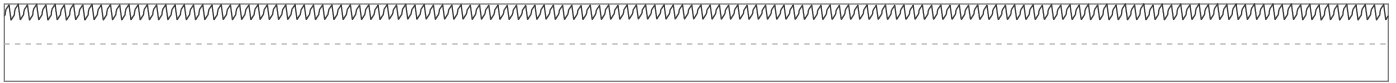
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5087	4969	4643	4163	3592	2966	2355	1826	1407	1083	840	654	511	396	310	254	213	180	156	140
100%	98%	91%	82%	71%	58%	46%	36%	28%	21%	17%	13%	10%	8%	6%	5%	4%	4%	3%	3%

Intensities in 270° c-plane

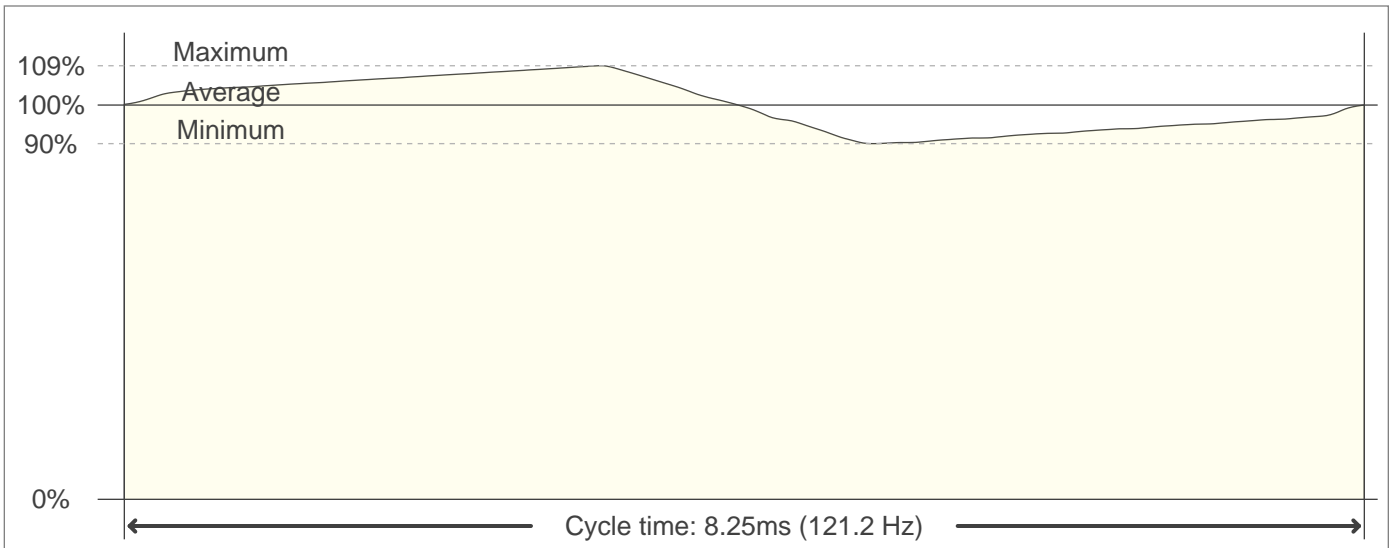
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5087	4956	4607	4040	3325	2596	1932	1402	1031	787	633	526	413	315	247	202	169	149	130	116
100%	97%	91%	79%	65%	51%	38%	28%	20%	15%	12%	10%	8%	6%	5%	4%	3%	3%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10.8°	23.0°	38.5°	87.8%	76.4%

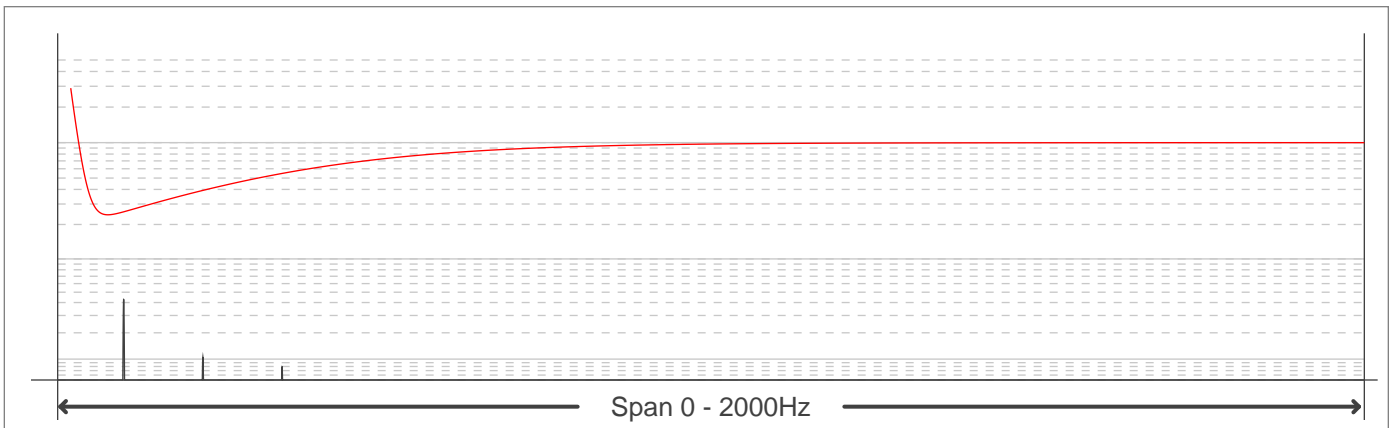
Flicker curve (Complete sampled flicker signal)



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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