

ECOSENSE[®]

Light efficiency:

LPW: 102.1

Light quality:

CRI: 84.4

Color temperature:

3458 K

Output: 493 lm

Peak: 465 cd

Power: 4.82W

8 PLANES



SKU:

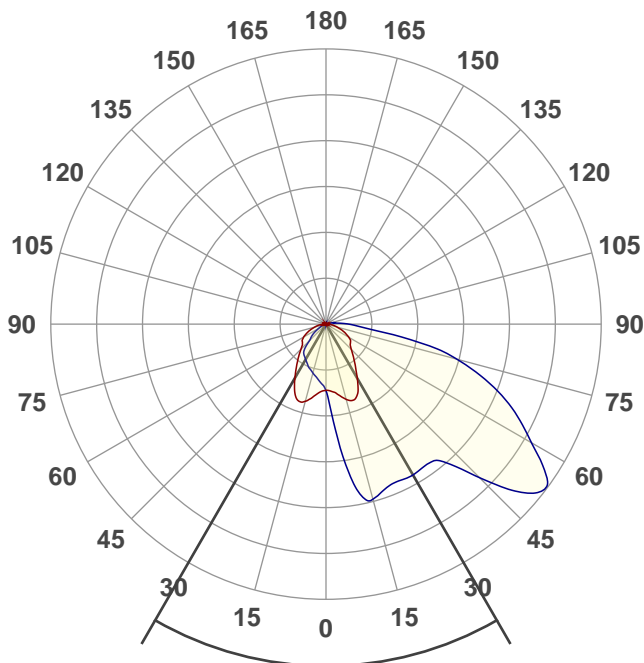
L09-E-012-05-35-80-CV24-ASYM

Date and time:

3/17/2020 12:38:11 PM

Product name:

TROV FLEX



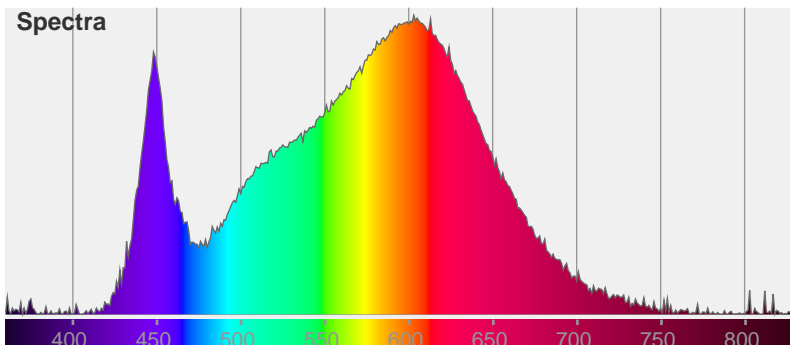
Beam angle

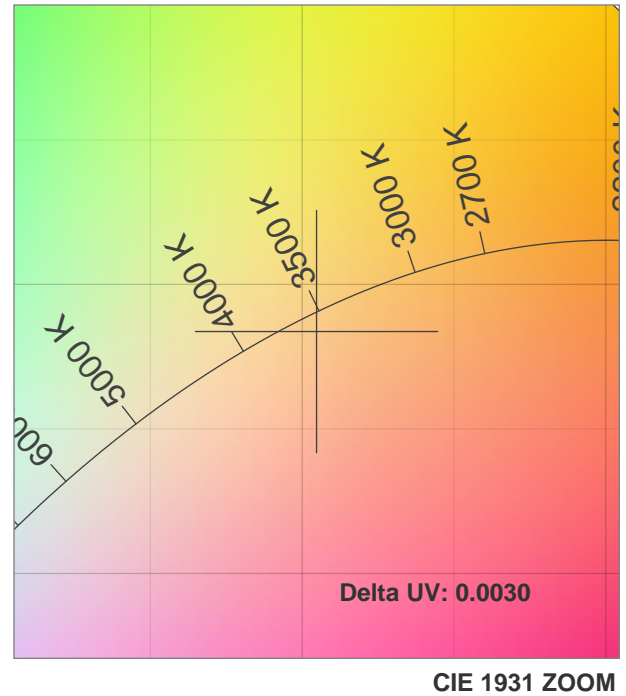
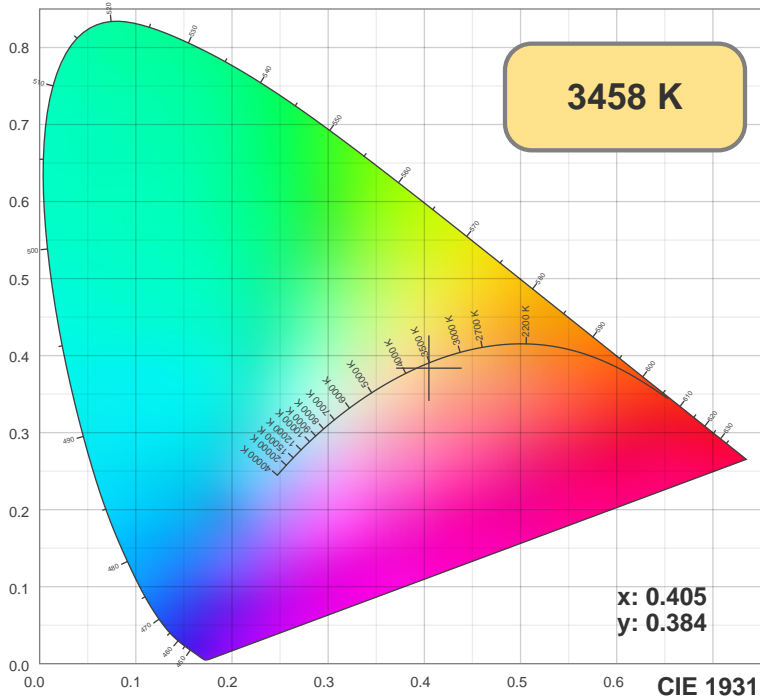
59.9°

Color

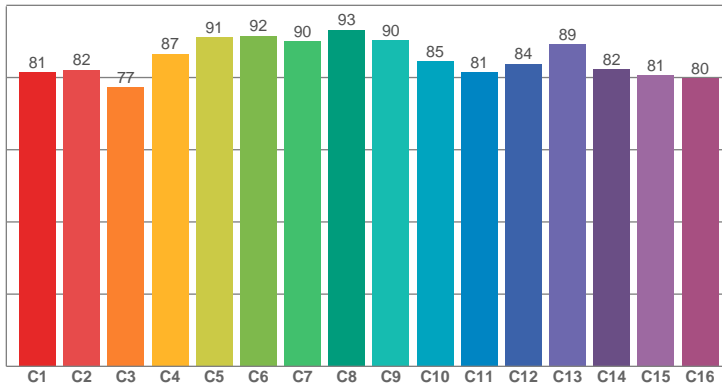
CIE1931
x: 0.405
y: 0.384

Spectra

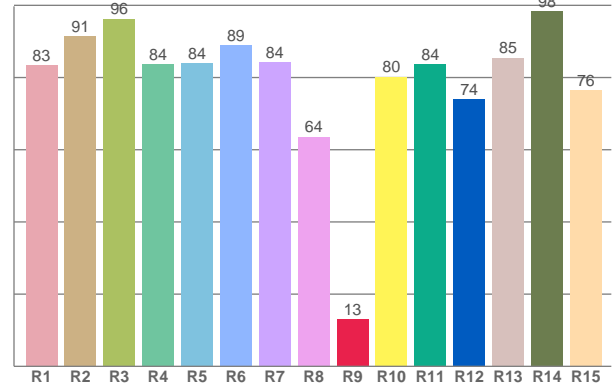




TM30: 85.1



CRI: 84.4 (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
83.37	91.45	96.24	83.69	83.95	88.92	84.21	63.58	13.00	80.18	83.71	73.90	85.40	98.40	76.45

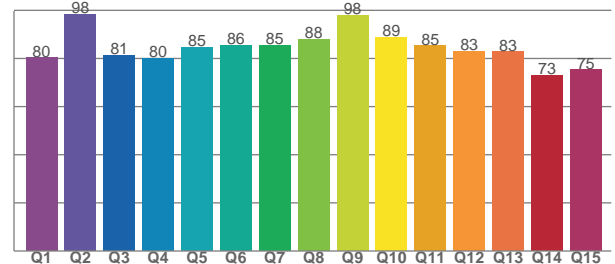
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81.50	82.17	77.31	86.52	91.11	91.52	90.08	93.20	90.32	84.55	81.49	83.83	89.22	82.22	80.64	79.69

CQS Q values

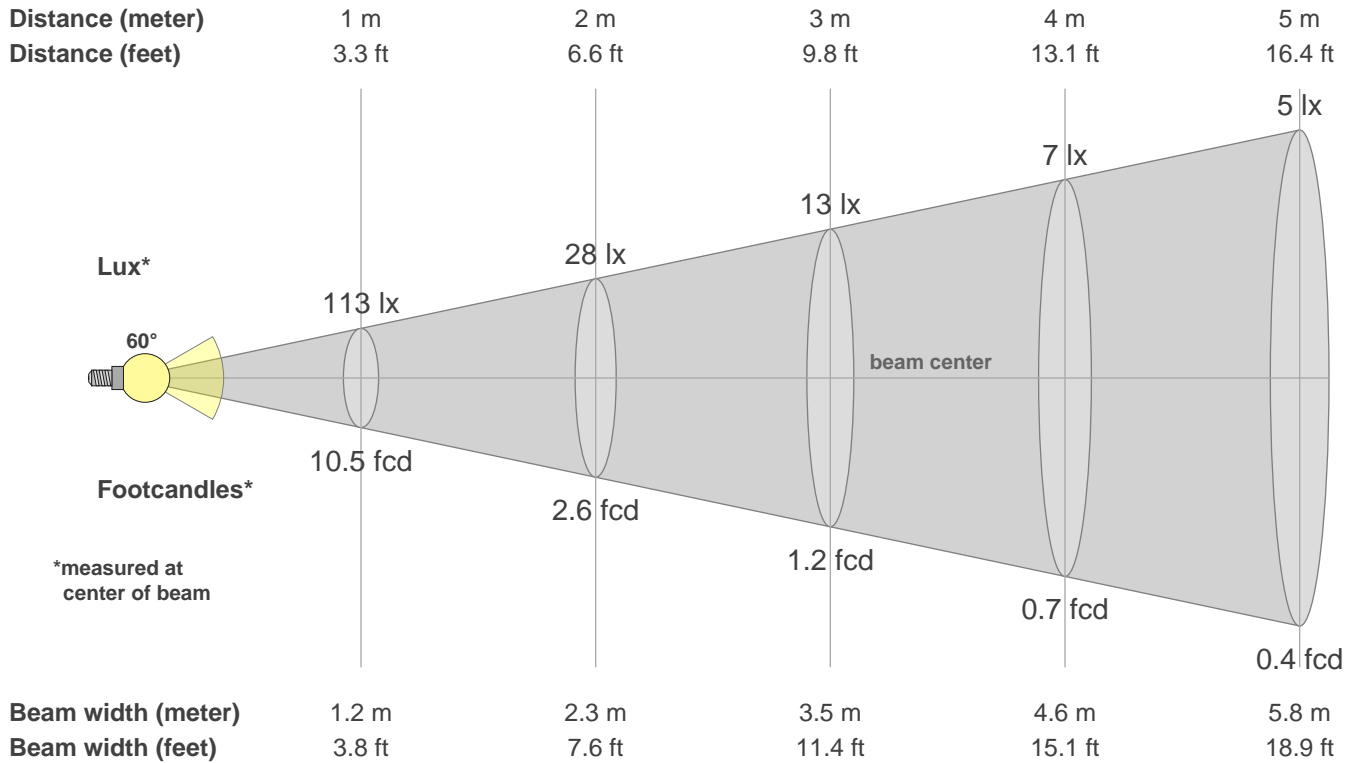
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.28	98.30	81.28	80.11	84.62	85.57	85.46	87.96	97.80	88.80	85.23	82.95	82.71	72.91	75.31

CQS: 83.2



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3458 K	84.4	13.0	85.1	97.7	83.2	0.4	0.4	0.2	0.3	-0.0030



Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
113	115	122	132	137	128	107	87	73	61	54	51	45	36	28	20	14	9	1	0
100%	102%	108%	117%	121%	113%	94%	77%	64%	54%	48%	45%	40%	32%	24%	17%	12%	8%	1%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
113	180	277	307	298	294	296	294	306	370	445	457	404	354	297	230	138	64	39	20
100%	158%	245%	271%	263%	259%	261%	260%	270%	326%	392%	403%	356%	312%	262%	203%	122%	57%	34%	17%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
113	116	125	136	138	126	105	87	73	60	52	50	44	36	28	20	14	9	1	1
100%	102%	111%	120%	122%	111%	93%	77%	64%	53%	46%	44%	39%	32%	25%	18%	13%	8%	1%	0%

Intensities in 270° c-plane

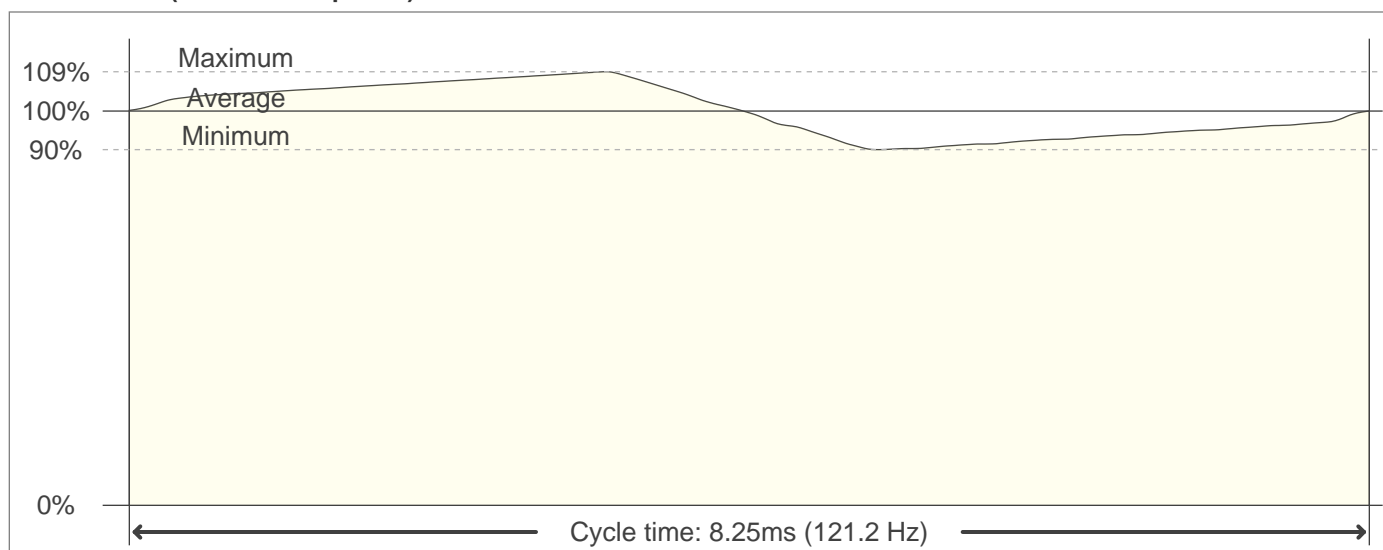
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
113	100	92	86	81	75	69	65	57	40	32	23	14	9	5	3	1	1	1	1
100%	89%	81%	76%	71%	66%	61%	57%	51%	35%	28%	20%	12%	8%	5%	2%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
59.9°	143.9°	170.9°	74.8%	50.3%

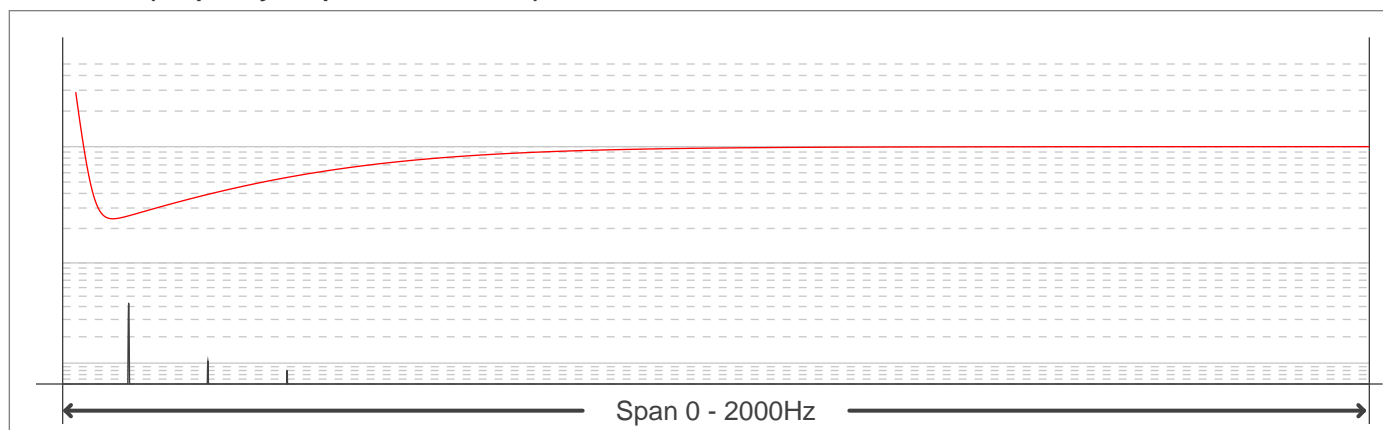
Flicker curve (Complete sampled flicker signal)



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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