

ECOSENSE[®]

Light efficiency:

LPW: 86.3

Light quality:

CRI: 93.6

Color temperature:

3140 K

Output: 418 lm

Peak: 676 cd

Power: 4.82W

8 PLANES



SKU:

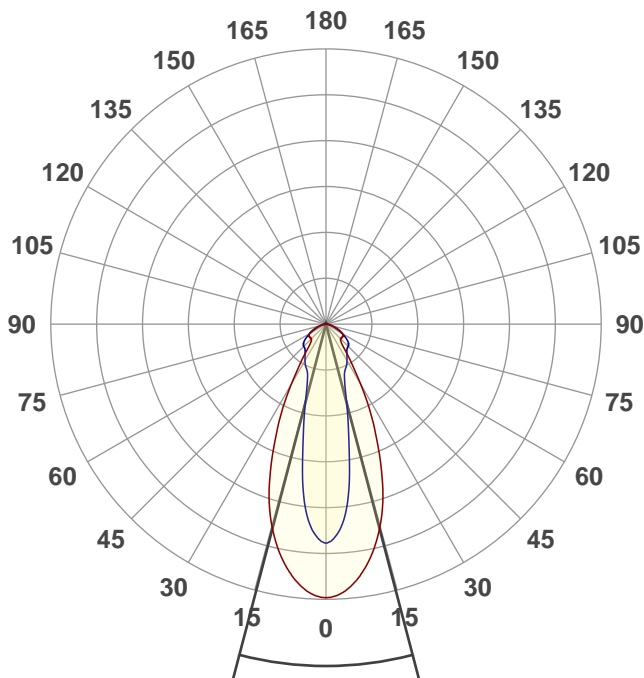
L09-E-012-05-30-90-CV24-15X40_2

Date and time:

3/17/2020 6:24:07 PM

Product name:

TROV FLEX



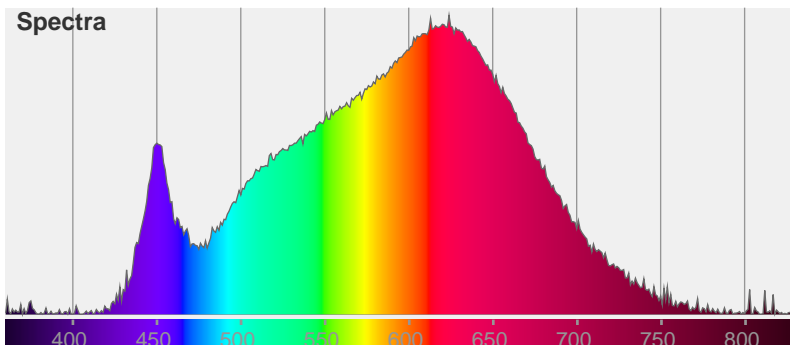
Beam angle

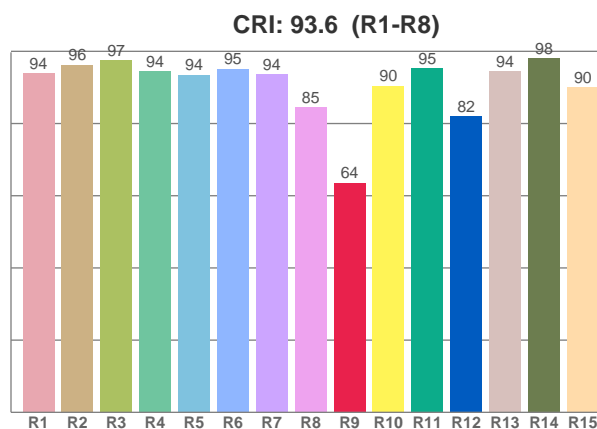
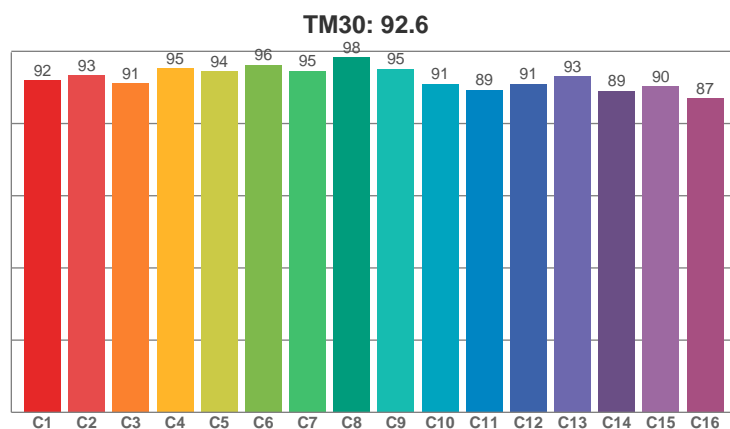
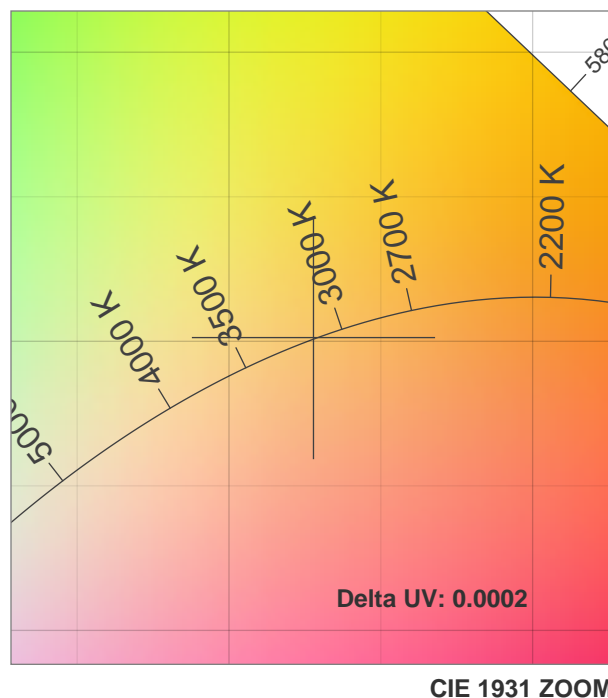
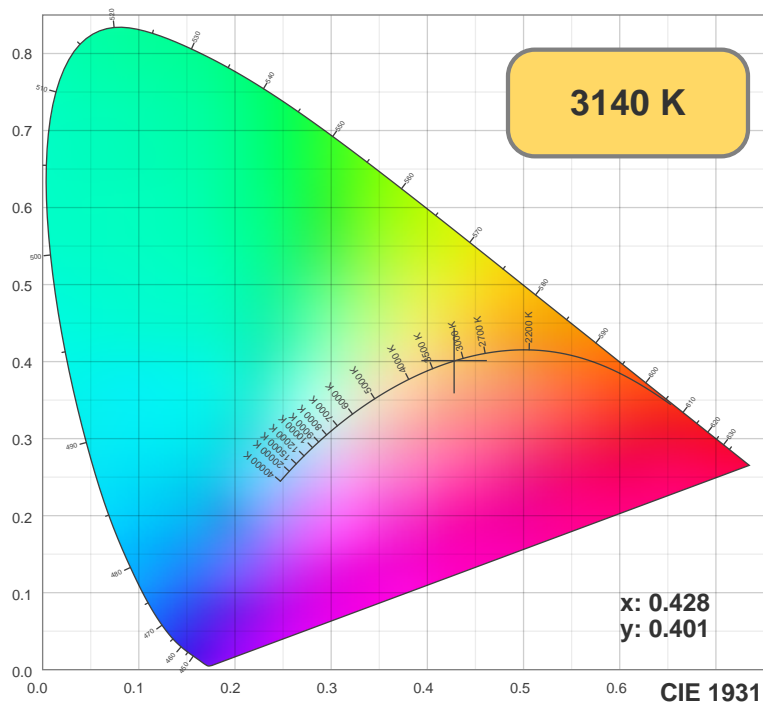
29.4°

Color

CIE1931
x: 0.428
y: 0.401

Spectra





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

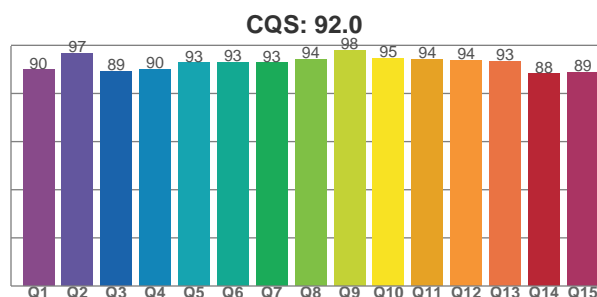
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.84	96.22	97.45	94.44	93.53	95.20	93.55	84.52	63.54	90.43	95.34	82.06	94.46	97.98	90.08

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
91.90	93.34	91.21	95.23	94.47	96.25	94.58	98.25	95.13	90.99	89.28	90.99	93.12	89.03	90.26	87.01

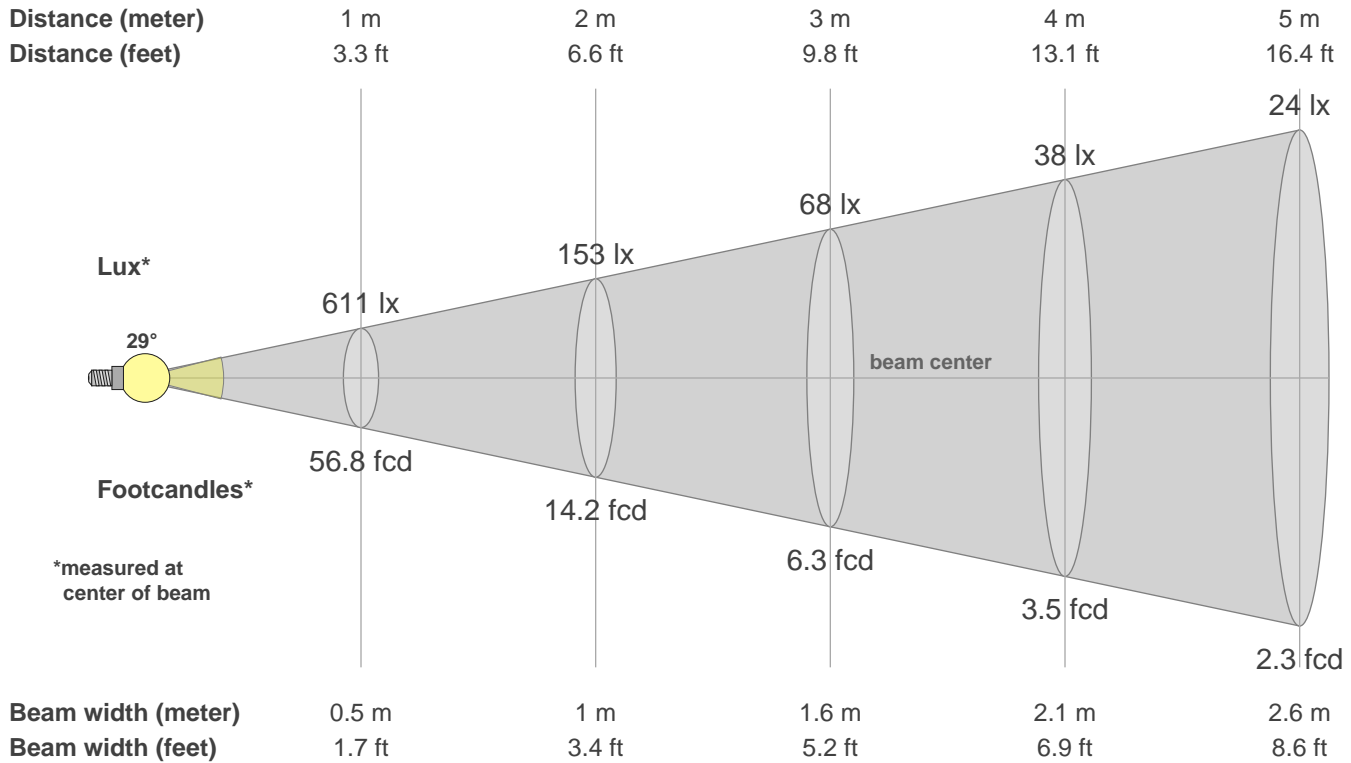
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.86	96.77	89.32	89.86	92.77	93.02	92.70	94.03	97.90	94.51	94.07	93.73	93.46	88.18	88.66



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3140 K	93.6	63.5	92.6	99.9	92.0	0.4	0.4	0.2	0.3	0.0003



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°
611	640	631	615	594	570	542	509	474	433	387	339	291	248	205	163	127	101	79	63
100%	105%	103%	101%	97%	93%	89%	83%	78%	71%	63%	55%	48%	41%	34%	27%	21%	17%	13%	10%

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°
611	506	483	445	389	316	255	207	167	142	127	119	114	110	105	99	93	88	84	80
100%	83%	79%	73%	64%	52%	42%	34%	27%	23%	21%	19%	19%	18%	17%	16%	15%	14%	14%	13%

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°
611	640	631	615	594	570	542	509	474	433	387	339	291	248	205	163	127	101	79	63
100%	105%	103%	101%	97%	93%	89%	83%	78%	71%	63%	55%	48%	41%	34%	27%	21%	17%	13%	10%

Intensities in 270° c-plane

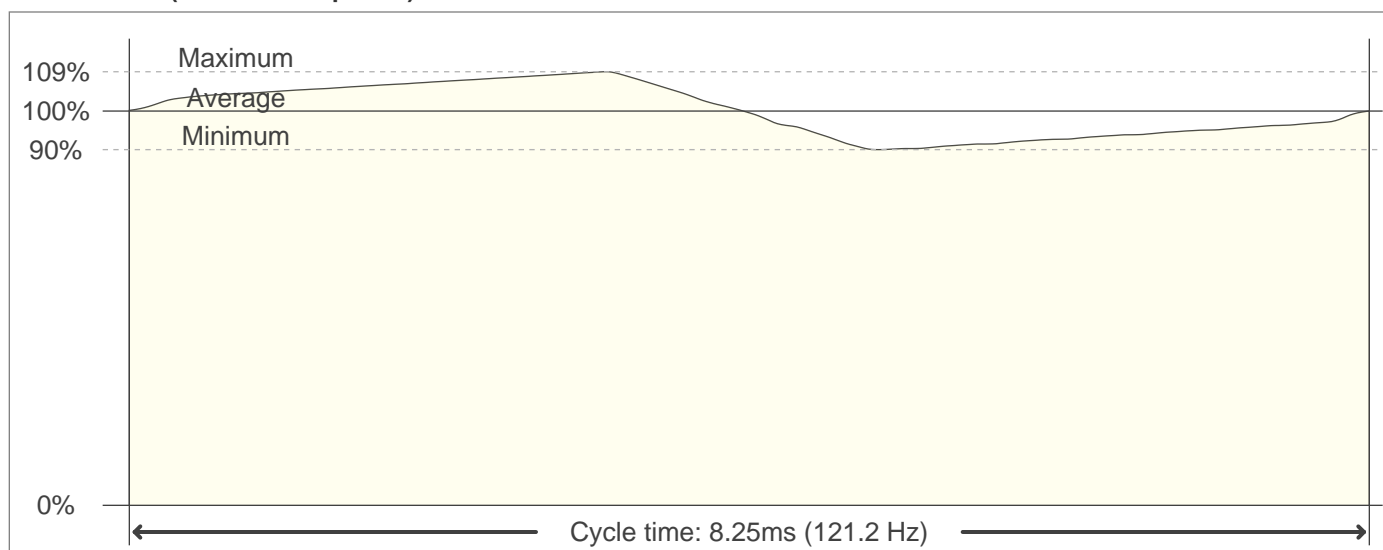
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
611	506	483	445	389	316	255	207	167	142	127	119	114	110	105	99	93	88	84	80
100%	83%	79%	73%	64%	52%	42%	34%	27%	23%	21%	19%	19%	18%	17%	16%	15%	14%	14%	13%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29.4°	98.6°	148.6°	85.8%	67.3%

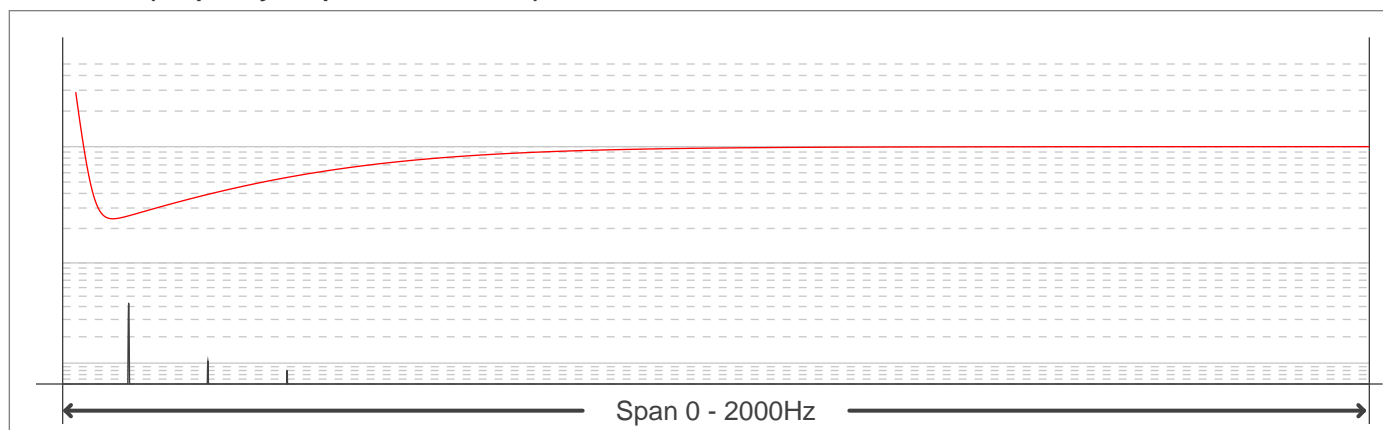
Flicker curve (Complete sampled flicker signal)



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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