

ECOSENSE[®]

Light efficiency:

LPW: 85.7

Light quality:

CRI: 92.7

Color temperature:

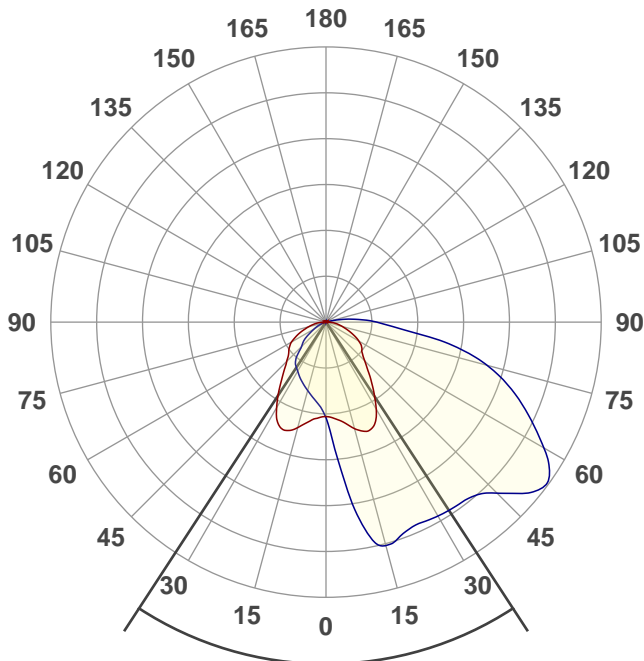
3459 K

Output: 410 lm

Peak: 275 cd

Power: 4.78W

8 PLANES



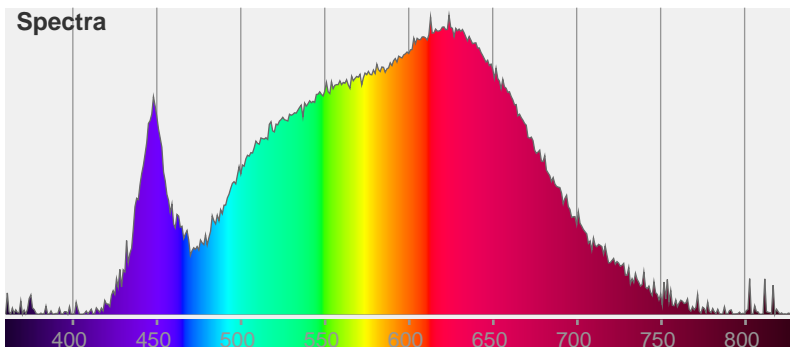
Beam angle

66.3°

Color

CIE1931
x: 0.411
y: 0.401

Spectra



SKU:

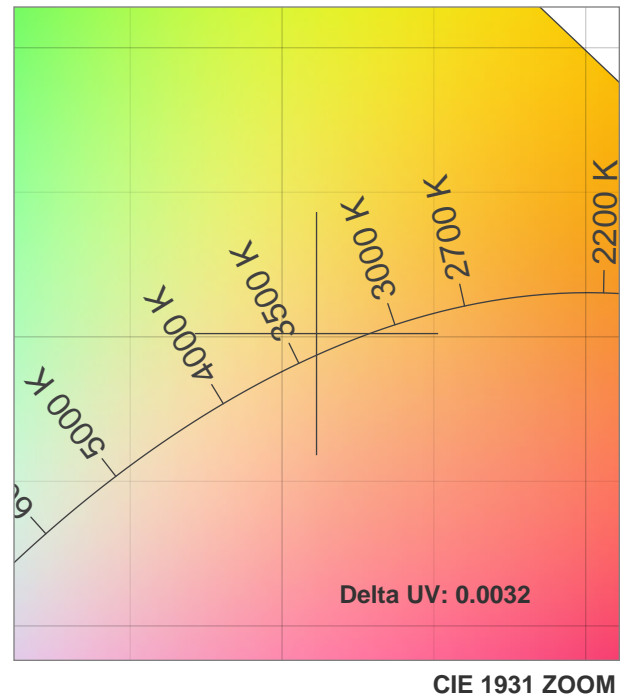
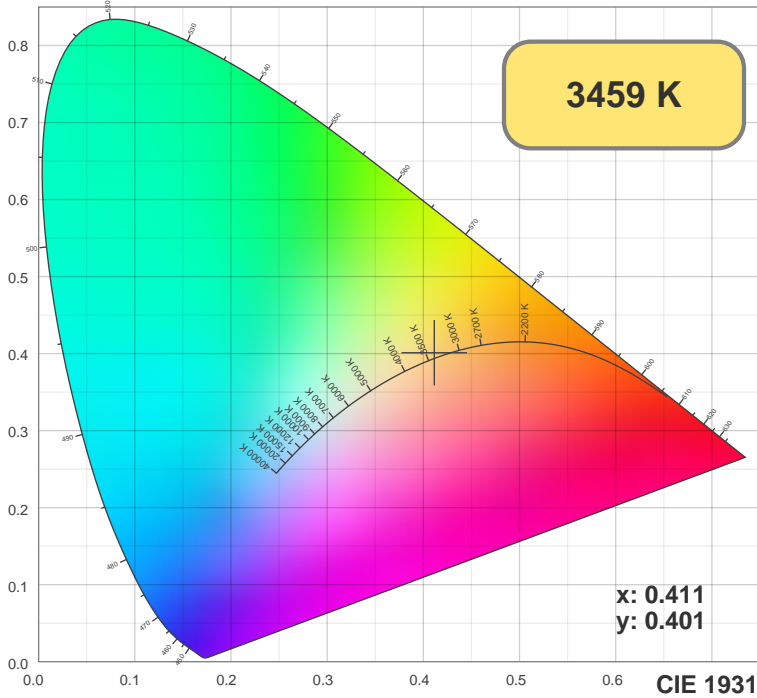
L09-E-012-05-35-90-CV24-ASYM

Date and time:

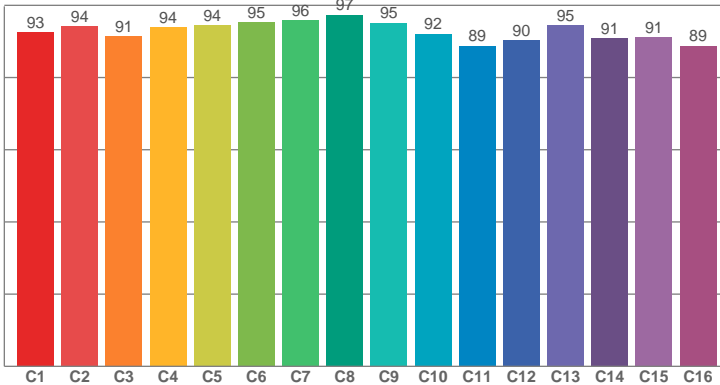
3/16/2020 6:24:34 PM

Product name:

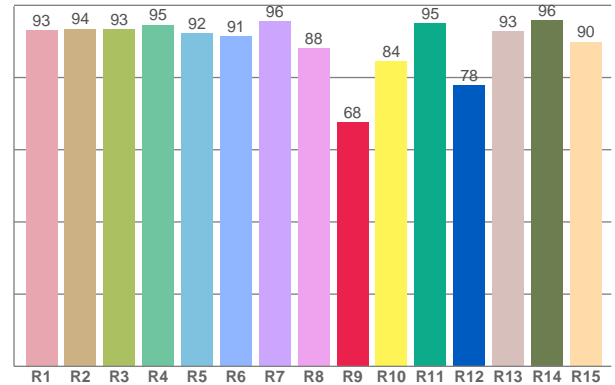
TROV FLEX



TM30: 92.8



CRI: 92.7 (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
93.00	93.52	93.42	94.64	92.18	91.45	95.53	88.06	67.62	84.46	95.04	77.90	92.74	95.83	89.90

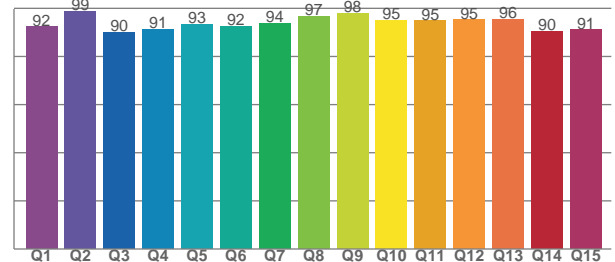
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.59	94.22	91.47	93.94	94.40	95.28	95.91	97.31	95.10	92.05	88.74	90.31	94.52	90.84	91.10	88.81

CQS Q values

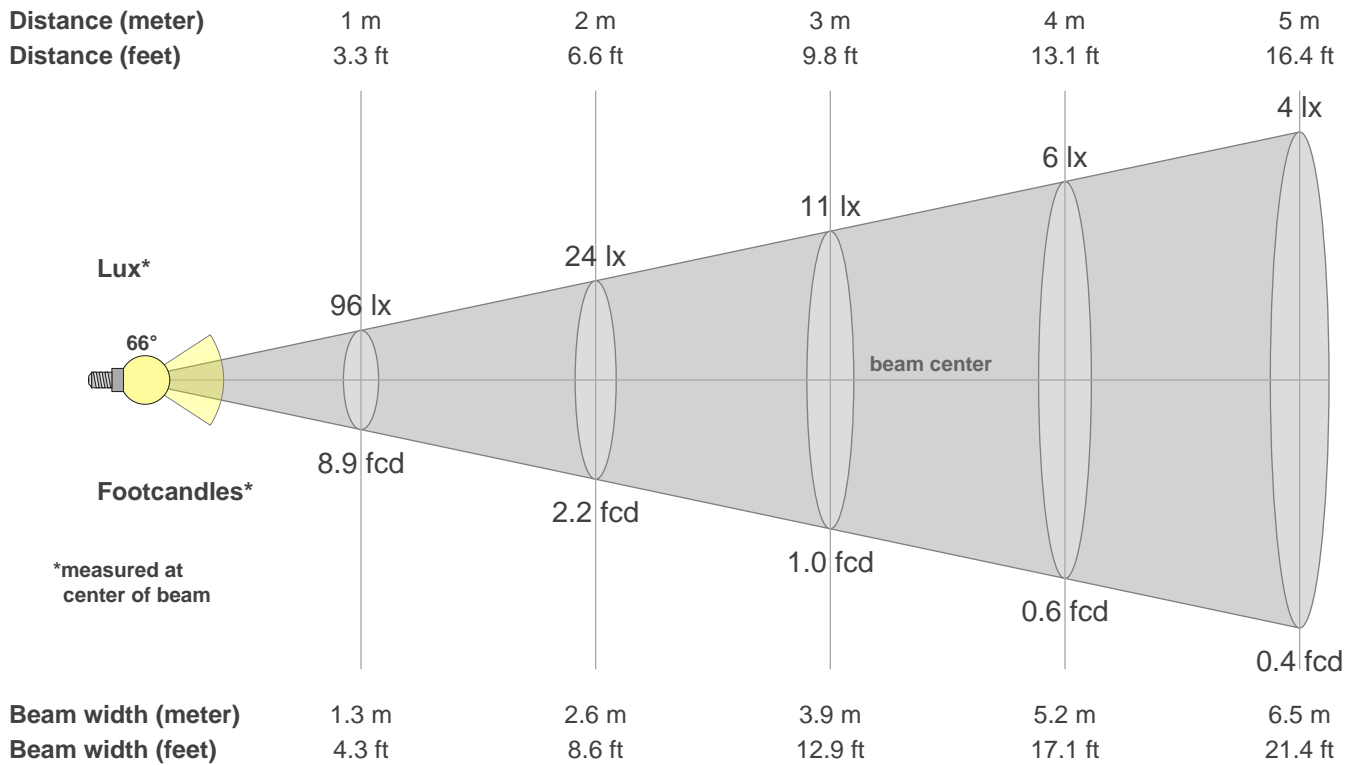
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.32	98.86	89.87	91.29	93.21	92.47	93.83	96.70	97.91	94.99	94.80	95.19	95.52	90.32	91.02

CQS: 93.3



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3459 K	92.7	67.6	92.8	100.1	93.3	0.4	0.4	0.2	0.3	0.0032



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°
96	97	102	111	117	114	101	83	67	55	47	44	38	31	23	17	12	8	1	0
100%	101%	107%	116%	122%	119%	105%	87%	70%	57%	49%	46%	40%	32%	24%	18%	13%	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°
96	140	203	231	226	223	225	226	230	244	267	272	253	226	199	167	125	75	51	32
100%	145%	211%	240%	236%	233%	235%	236%	239%	254%	278%	284%	263%	235%	207%	174%	130%	79%	53%	33%

Intensities in 180° c-plane

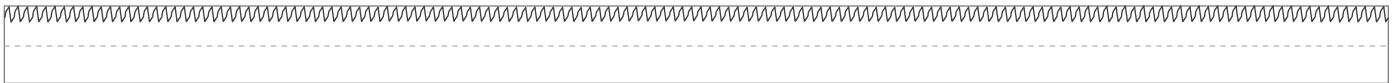
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
96	97	102	110	116	113	99	82	67	56	49	45	40	33	25	18	13	8	1	1
100%	101%	106%	114%	121%	118%	103%	85%	69%	58%	51%	47%	42%	34%	26%	19%	13%	8%	1%	1%

Intensities in 270° c-plane

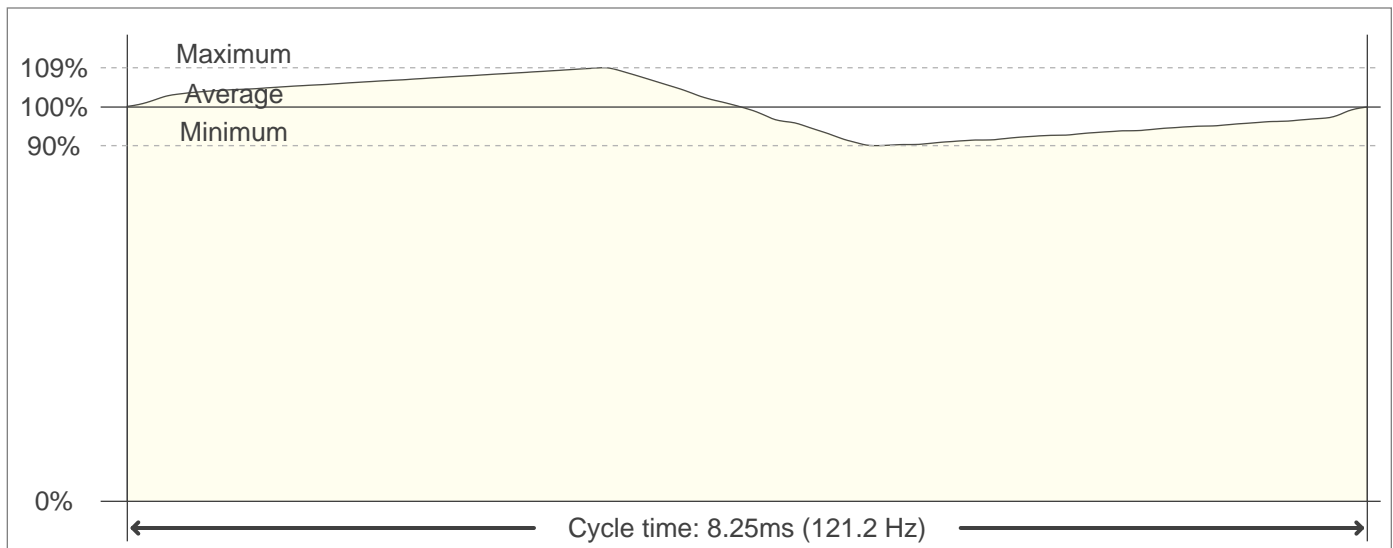
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
96	84	77	71	66	62	57	53	46	35	29	21	14	9	4	2	1	1	1	1
100%	87%	80%	74%	69%	64%	59%	55%	48%	36%	30%	22%	14%	9%	5%	2%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
66.3°	150.5°	173.8°	73.4%	50.0%

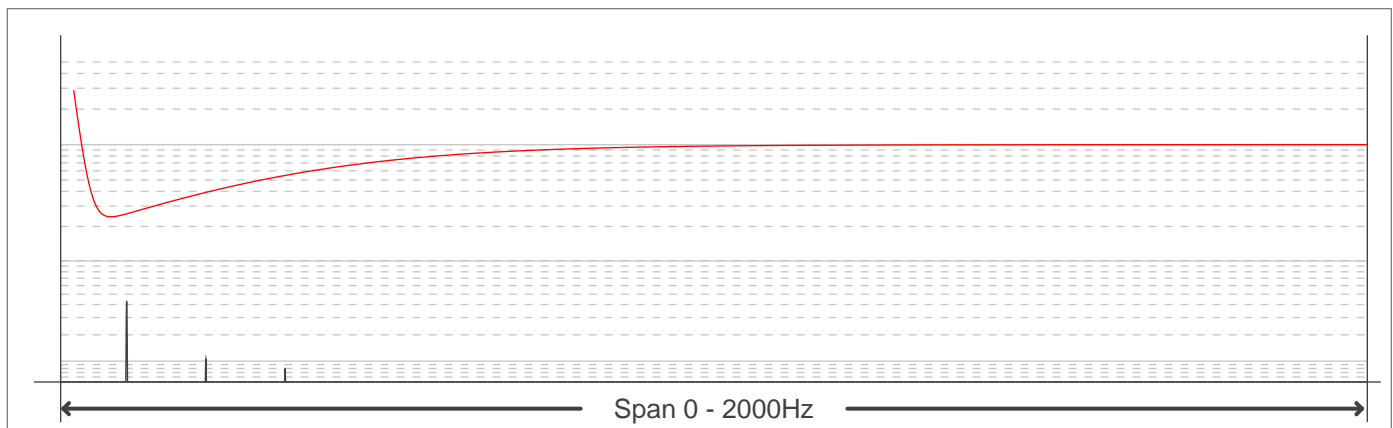
Flicker curve (Complete sampled flicker signal)



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
-------------	----------------------