

ECOSENSE®

TROV Slim®

Light efficiency:

103 Lumen/Watt

Light quality:

CRI: 93.9

Color temperature:

3505 K

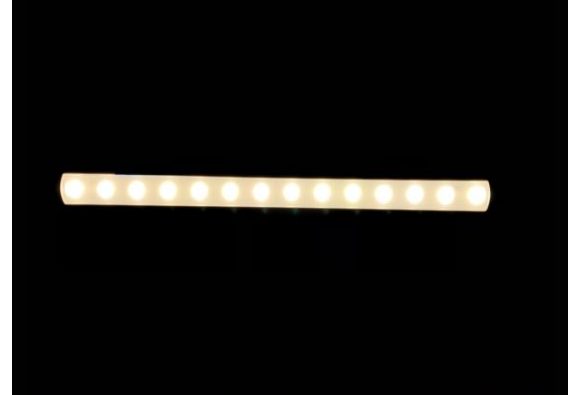
Output: 400 lm

Peak: 147 cd

Power: 3.9 W

PF: 0.97

8 PLANES



SKU:

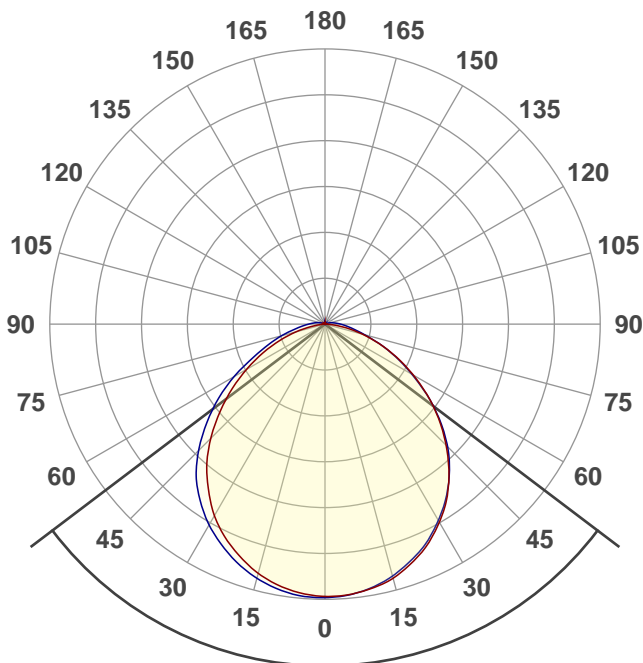
L30-I-12-04-35-90-MULT-120

Date and time:

11/2/2020 4:57:13 PM

Product name:

12" 3500K 90CRI 4Watt



Beam angle

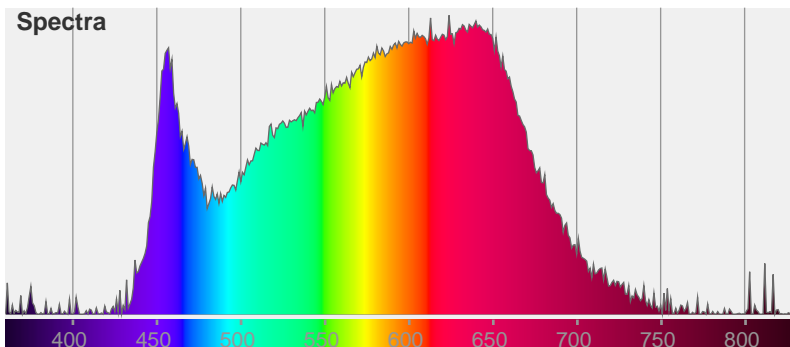
105.7°

Color



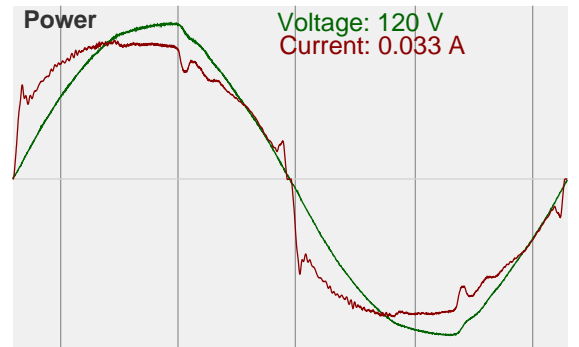
CIE1931
x: 0.405
y: 0.390

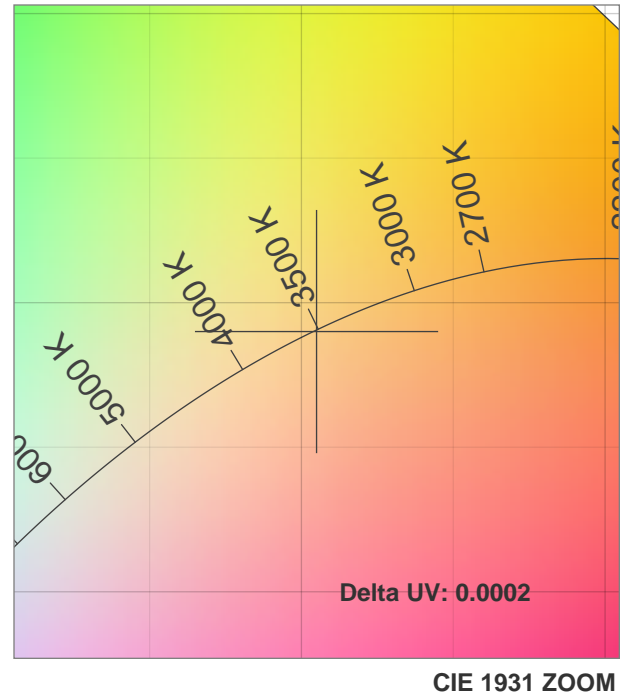
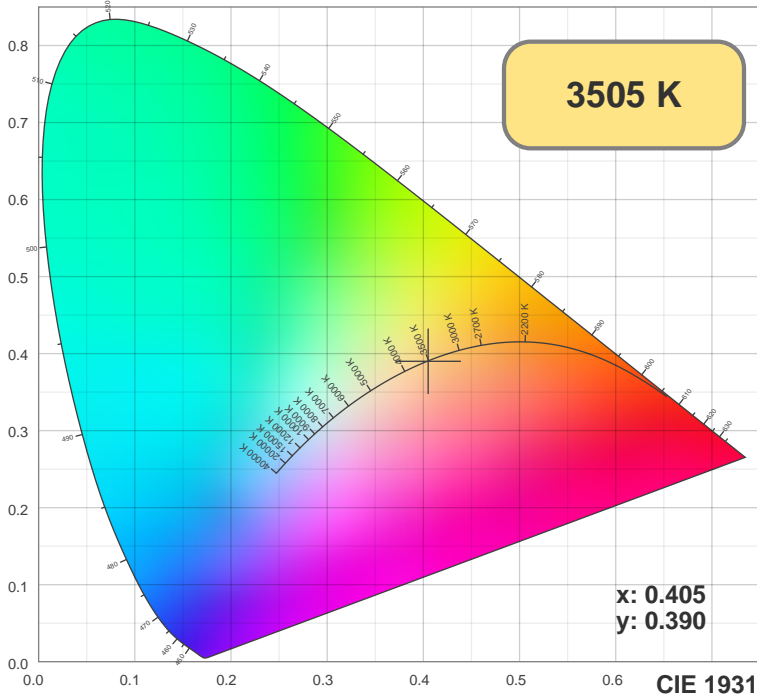
Spectra



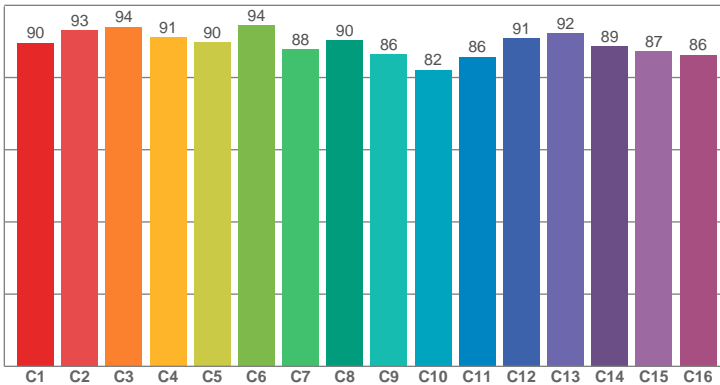
Power

Voltage: 120 V
Current: 0.033 A

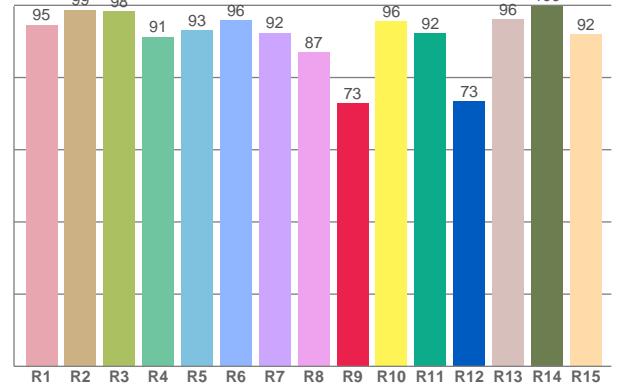




TM30: 89.2



CRI: 93.9 (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
94.56	98.71	98.37	91.31	93.13	95.82	92.33	86.92	72.89	95.54	92.30	73.37	96.15	99.82	91.89

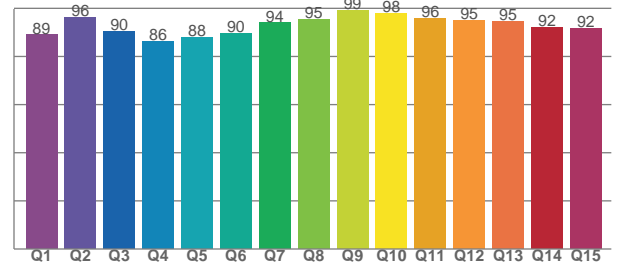
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.61	93.02	94.05	91.11	89.80	94.38	87.75	90.38	86.35	82.18	85.72	90.83	92.24	88.58	87.18	86.30

CQS Q values

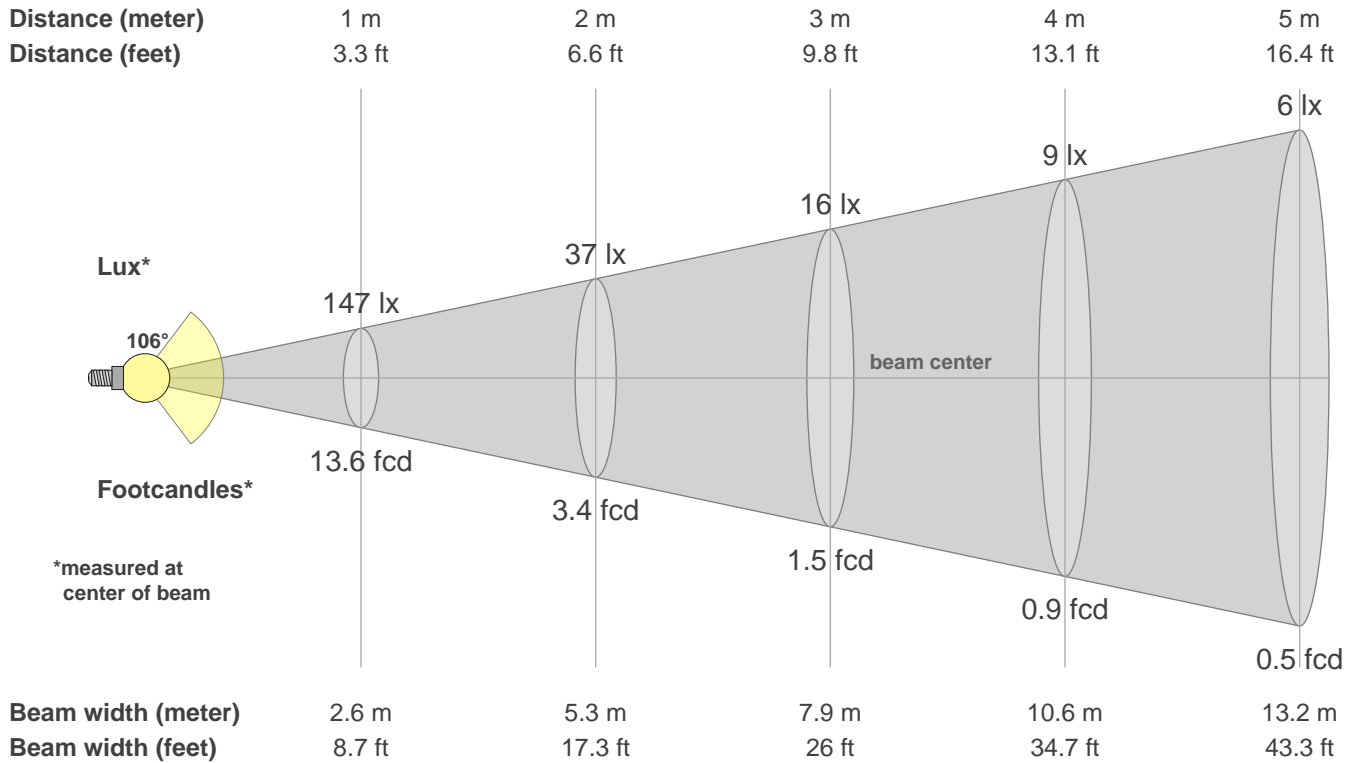
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.96	96.33	90.49	86.23	87.88	89.71	93.93	95.45	99.04	97.95	95.89	95.02	94.65	92.05	91.65

CQS: 92.1



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3505 K	93.9	72.9	89.2	96.2	92.1	0.4	0.4	0.2	0.3	-0.0003



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°
147	146	144	141	137	131	123	114	104	92	80	68	55	43	31	21	12	5	1	0
100%	100%	98%	96%	93%	89%	84%	78%	71%	63%	55%	46%	37%	29%	21%	14%	8%	3%	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°
147	146	144	140	135	129	122	114	104	93	81	67	54	42	32	22	16	12	8	6
100%	100%	98%	96%	92%	88%	83%	77%	71%	64%	55%	46%	37%	29%	21%	15%	11%	8%	6%	4%

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°
147	145	143	139	133	127	119	109	99	87	74	61	49	37	26	16	8	2	0	0
100%	99%	97%	95%	91%	86%	81%	74%	67%	59%	50%	42%	33%	25%	18%	11%	5%	1%	0%	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°
147	147	145	141	137	131	125	117	108	96	83	70	56	43	33	24	17	12	9	6
100%	100%	99%	96%	93%	89%	85%	80%	73%	66%	57%	48%	39%	29%	22%	17%	12%	8%	6%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105.7°	160.9°	189.6°	78.9%	55.0%