

ECOSENSE®

TROV Slim®

Light efficiency:

100 Lumen/Watt

Light quality:

CRI: 94.3

Color temperature:

3009 K

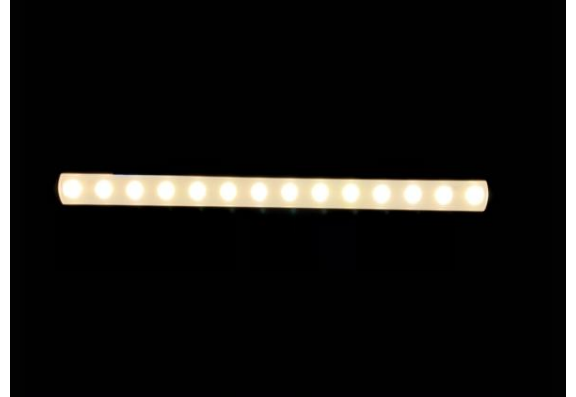
Output: 377 lm

Peak: 140 cd

Power: 3.8 W

PF: 0.97

8 PLANES



SKU:

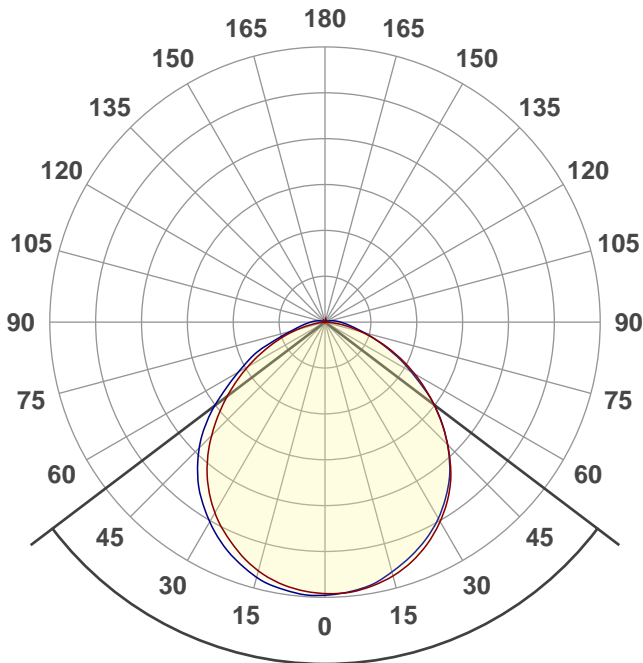
L30-I-12-04-30-90-MULT-120

Date and time:

11/2/2020 3:04:53 PM

Product name:

12" 3000K 90CRI 4Watt



Beam angle

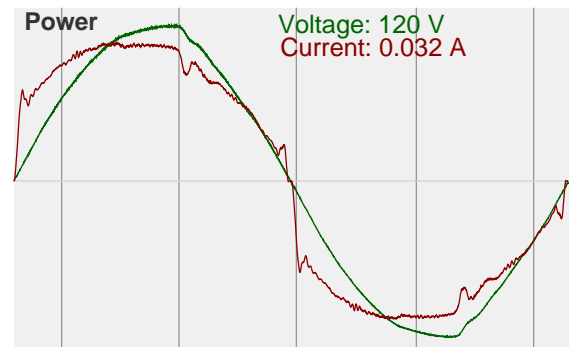
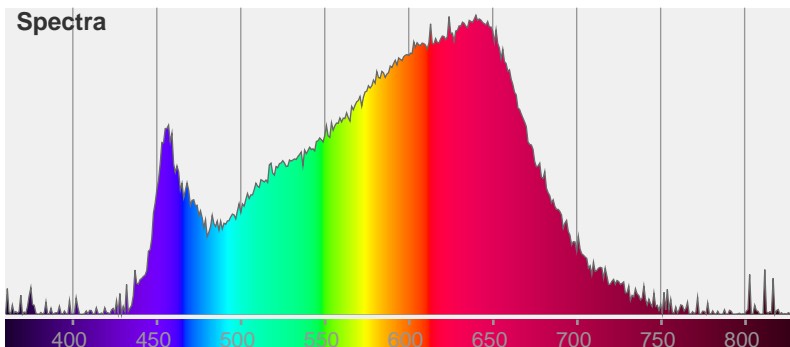
105.7°

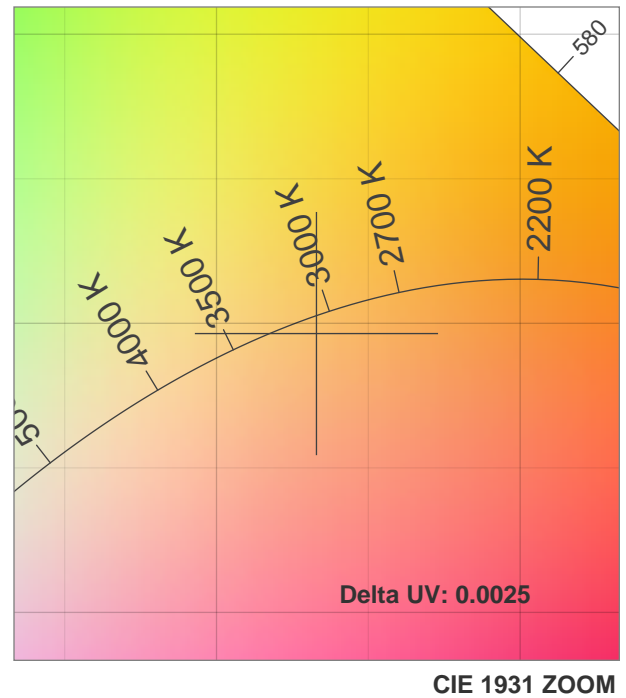
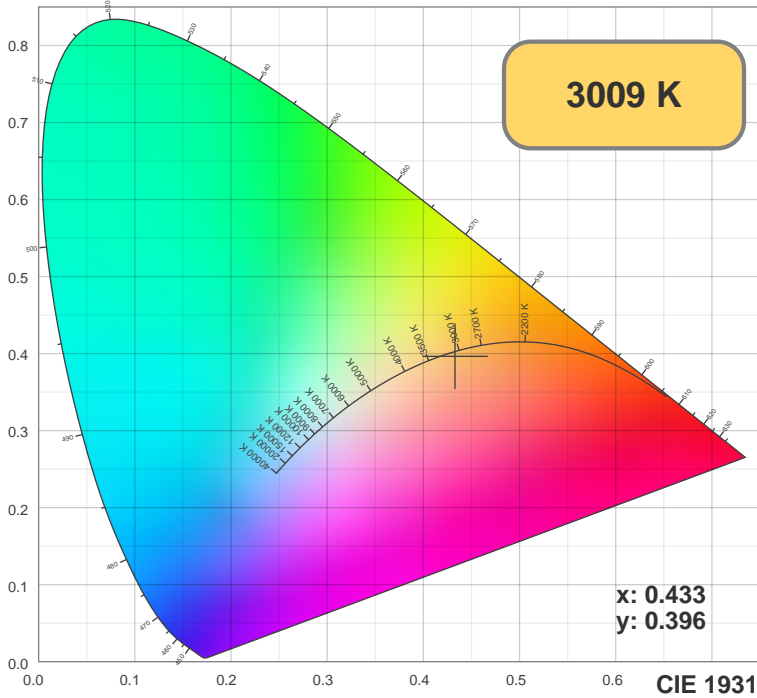
Color



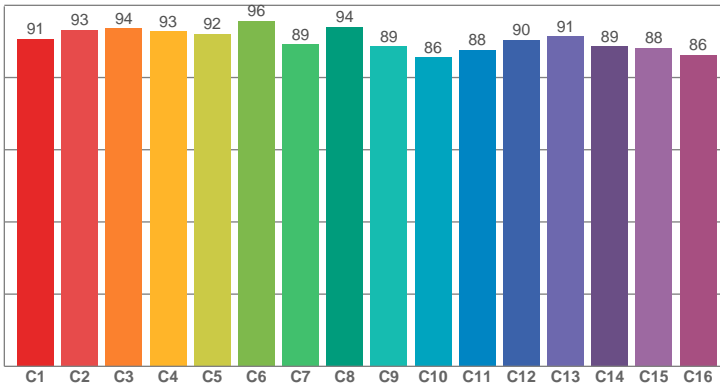
CIE1931
x: 0.433
y: 0.396

Spectra

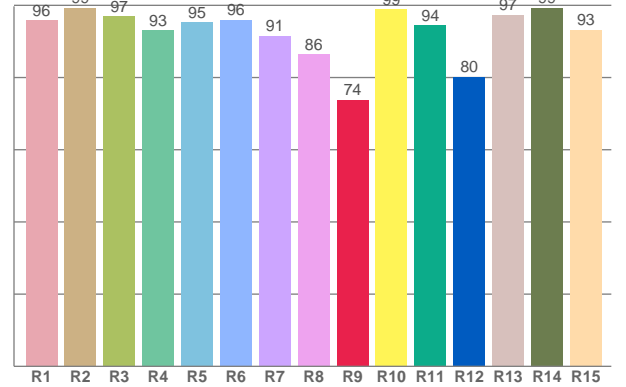




TM30: 90.7



CRI: 94.3 (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
95.76	99.31	96.95	93.08	95.36	95.93	91.49	86.43	73.80	98.82	94.49	80.22	97.40	99.34	93.17

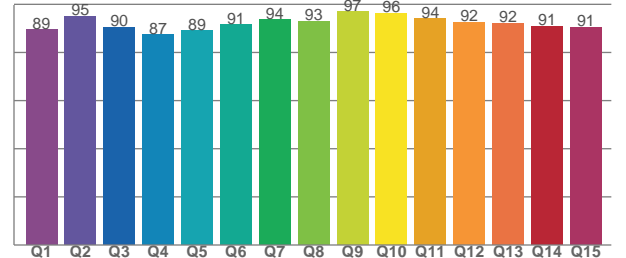
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.70	93.19	93.62	92.78	92.10	95.74	89.17	94.03	88.65	85.66	87.69	90.46	91.41	88.67	88.22	86.24

CQS Q values

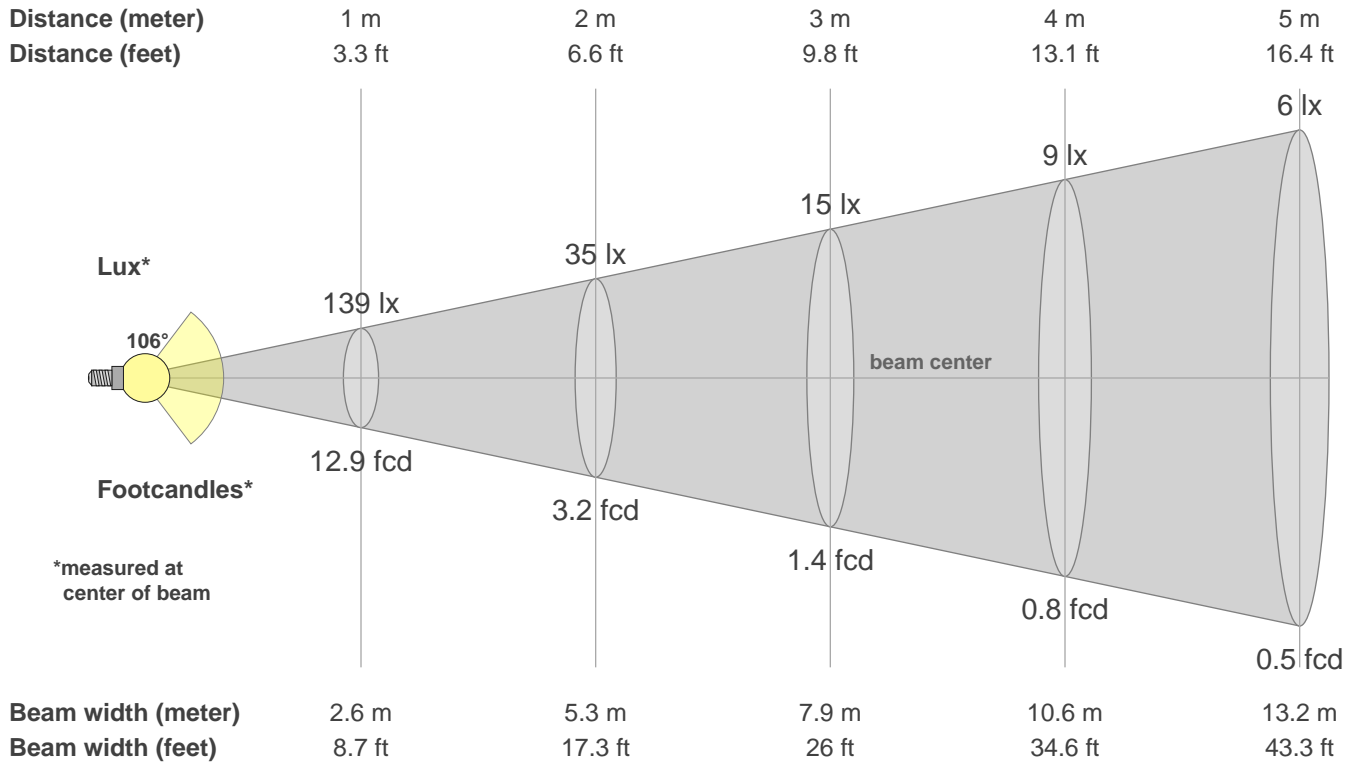
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.38	95.15	90.45	87.30	88.95	91.45	93.55	92.91	96.90	96.19	94.01	92.47	92.13	90.76	90.55

CQS: 91.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3009 K	94.3	73.8	90.7	97.8	91.6	0.4	0.4	0.3	0.3	-0.0025



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°
139	139	137	135	130	125	118	110	100	89	77	65	53	41	30	20	11	5	1	1
100%	100%	99%	97%	94%	90%	85%	79%	72%	64%	55%	47%	38%	30%	22%	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°
139	139	137	132	128	122	116	108	99	89	77	64	51	40	29	21	15	11	8	6
100%	99%	98%	95%	92%	88%	83%	78%	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°
139	138	136	132	126	120	113	104	94	82	70	58	46	34	24	15	7	2	1	0
100%	99%	97%	95%	91%	86%	81%	74%	67%	59%	50%	41%	33%	25%	17%	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°
139	140	138	135	130	125	118	110	101	91	79	65	52	41	28	19	13	10	7	6
100%	100%	99%	97%	94%	90%	85%	79%	73%	65%	56%	46%	37%	29%	20%	13%	10%	7%	5%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105.7°	158.6°	188.8°	79.7%	55.6%