

ECOSENSE®

TROV Slim®

Light efficiency:

94 Lumen/Watt

Light quality:

CRI: 93.5

Color temperature:

3528 K

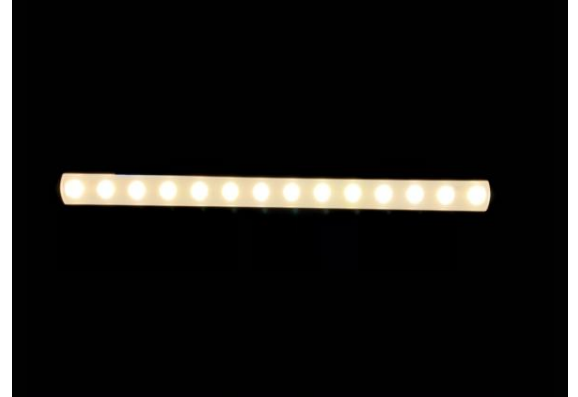
Output: 723 lm

Peak: 263 cd

Power: 7.7 W

PF: 0.98

8 PLANES



SKU:

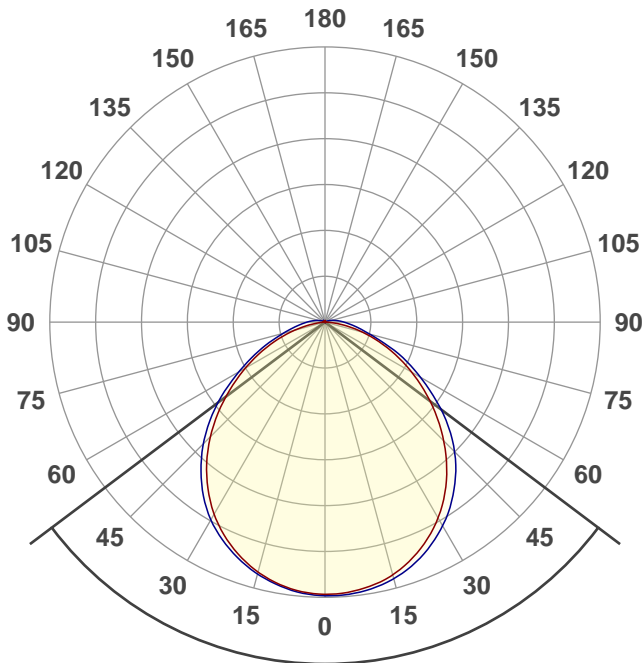
L30-I-12-08-35-90-MULT-120

Date and time:

11/2/2020 5:49:43 PM

Product name:

12" 3500K 90CRI 8Watt



Beam angle

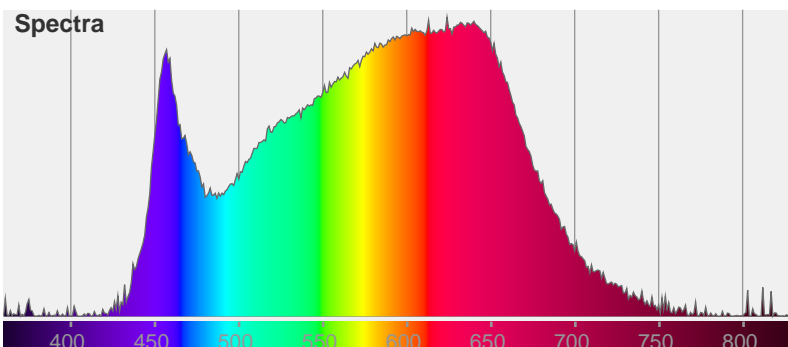
106.1°

Color



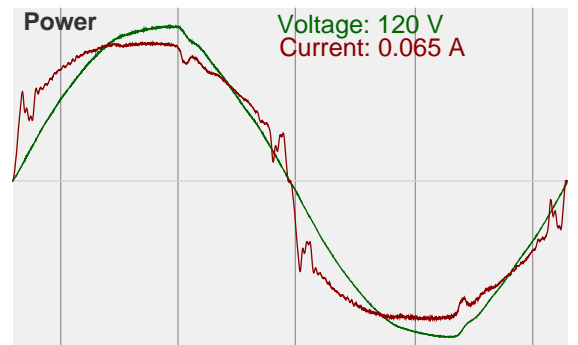
CIE1931
x: 0.404
y: 0.389

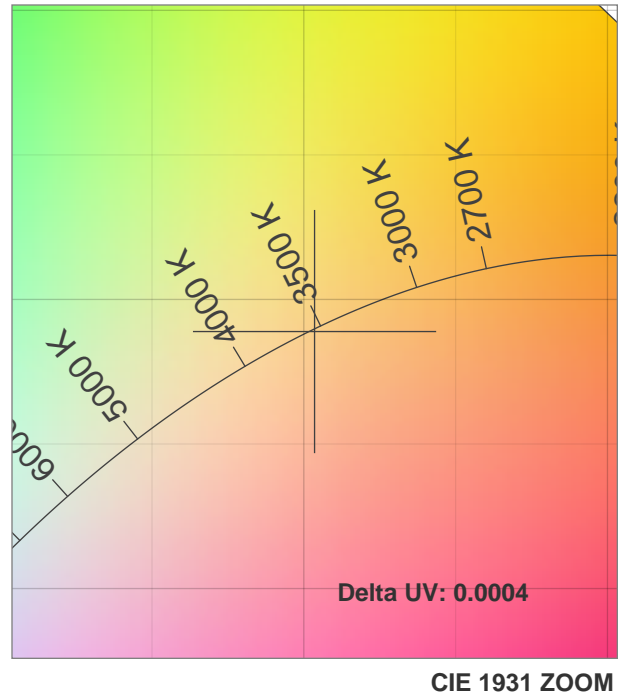
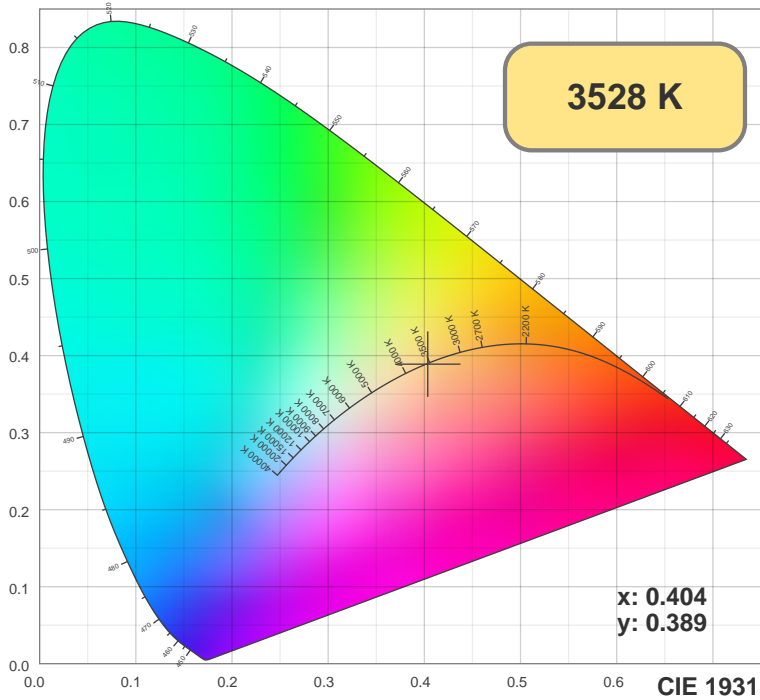
Spectra



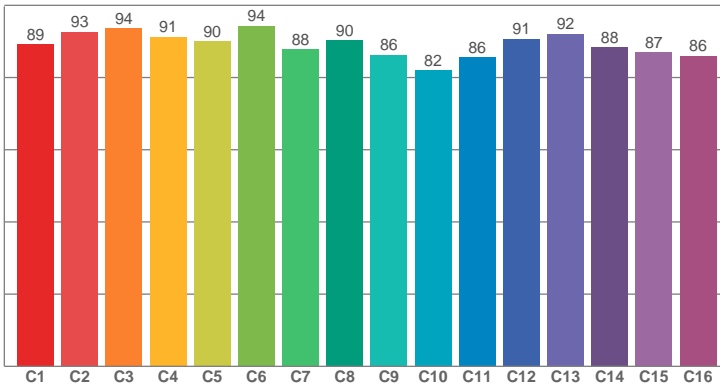
Power

Voltage: 120 V
Current: 0.065 A

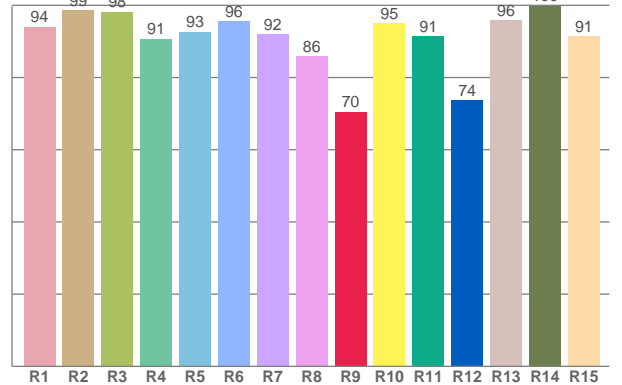




TM30: 89.1



CRI: 93.5 (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
94.08	98.56	98.16	90.71	92.69	95.63	91.93	85.92	70.47	95.08	91.42	73.61	95.75	99.83	91.37

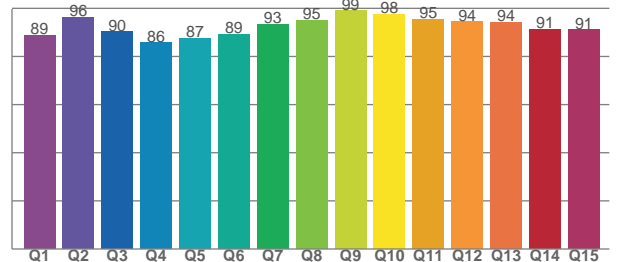
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.20	92.62	93.67	91.21	89.98	94.33	87.80	90.25	86.24	81.94	85.61	90.72	92.05	88.28	86.99	86.01

CQS Q values

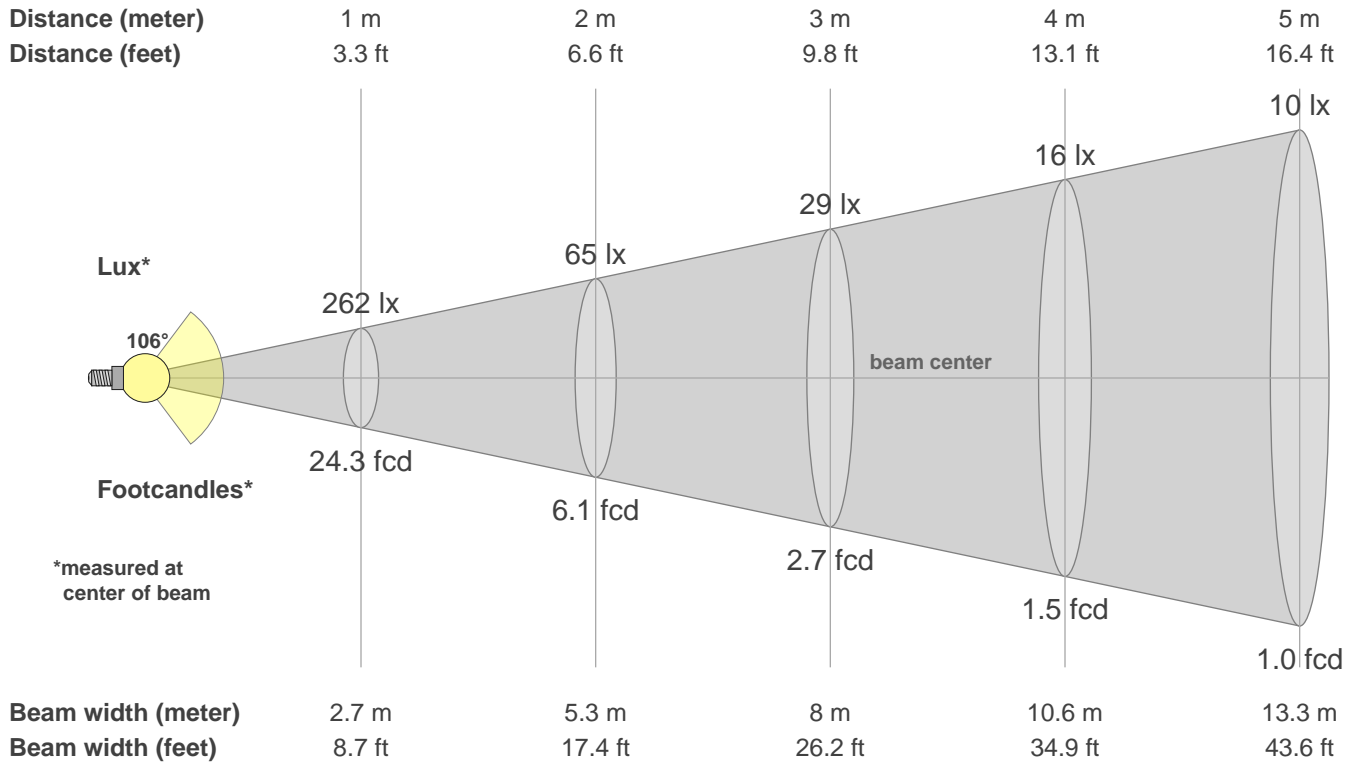
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.85	96.37	90.24	85.71	87.40	89.18	93.35	95.07	98.97	97.61	95.33	94.40	94.06	91.28	91.09

CQS: 91.7



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3528 K	93.5	70.5	89.1	96.0	91.7	0.4	0.4	0.2	0.3	-0.0004



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°
262	260	257	251	242	231	217	200	182	161	140	118	96	75	56	38	21	9	2	1
100%	99%	98%	96%	93%	88%	83%	77%	69%	62%	53%	45%	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°
262	262	260	255	248	238	226	211	195	176	154	130	106	84	63	45	33	25	18	13
100%	100%	99%	97%	95%	91%	86%	81%	74%	67%	59%	50%	41%	32%	24%	17%	13%	9%	7%	5%

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°
262	260	255	248	239	227	213	196	177	156	133	110	88	68	48	31	16	5	1	1
100%	99%	98%	95%	91%	87%	81%	75%	68%	59%	51%	42%	34%	26%	18%	12%	6%	2%	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°
262	261	257	250	242	232	219	204	185	165	143	119	96	75	57	42	31	23	17	13
100%	100%	98%	96%	92%	88%	84%	78%	71%	63%	55%	46%	37%	29%	22%	16%	12%	9%	7%	5%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
106.1°	162.8°	192.6°	78.3%	54.6%