

ECOSENSE®

TROV Slim®

Light efficiency:

94 Lumen/Watt

Light quality:

CRI: 94.2

Color temperature:

4097 K

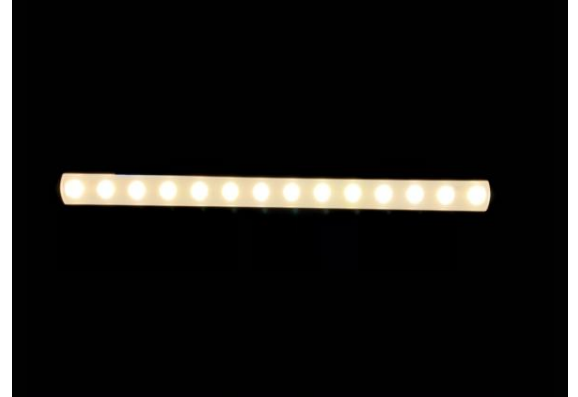
Output: 738 lm

Peak: 271 cd

Power: 7.9 W

PF: 0.98

8 PLANES



SKU:

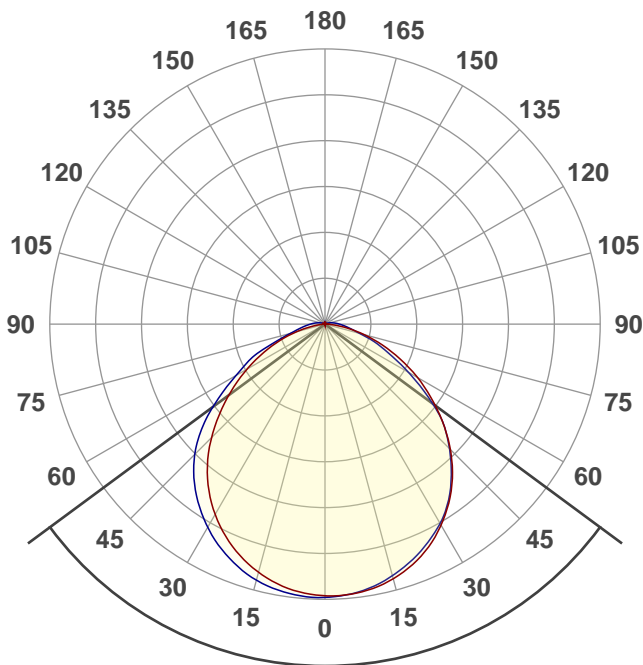
L30-I-12-08-40-90-MULT-120

Date and time:

11/3/2020 11:09:28 AM

Product name:

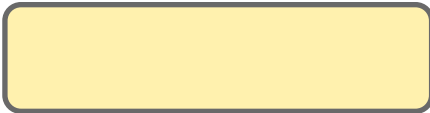
12" 4000K 90CRI 8Watt



Beam angle

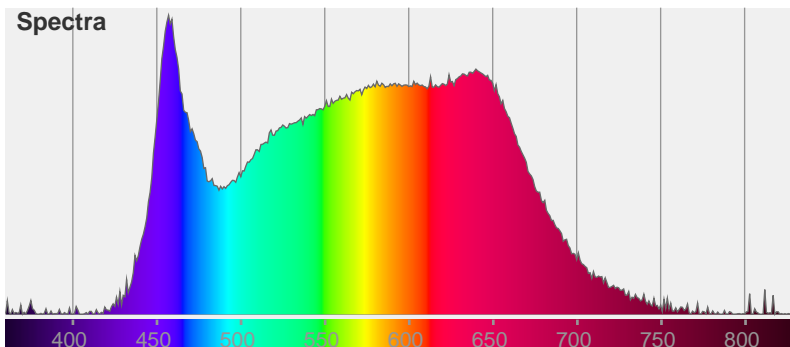
107.1°

Color



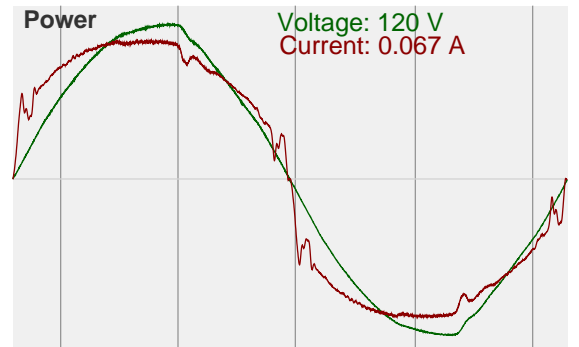
CIE1931
x: 0.376
y: 0.374

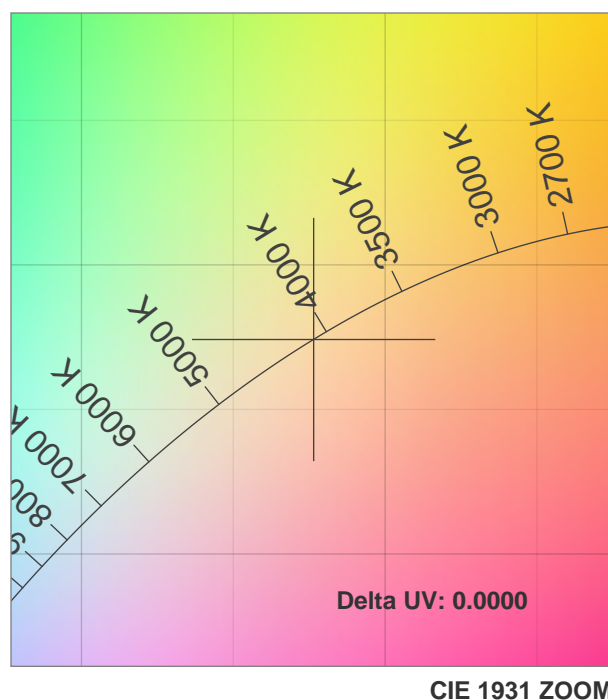
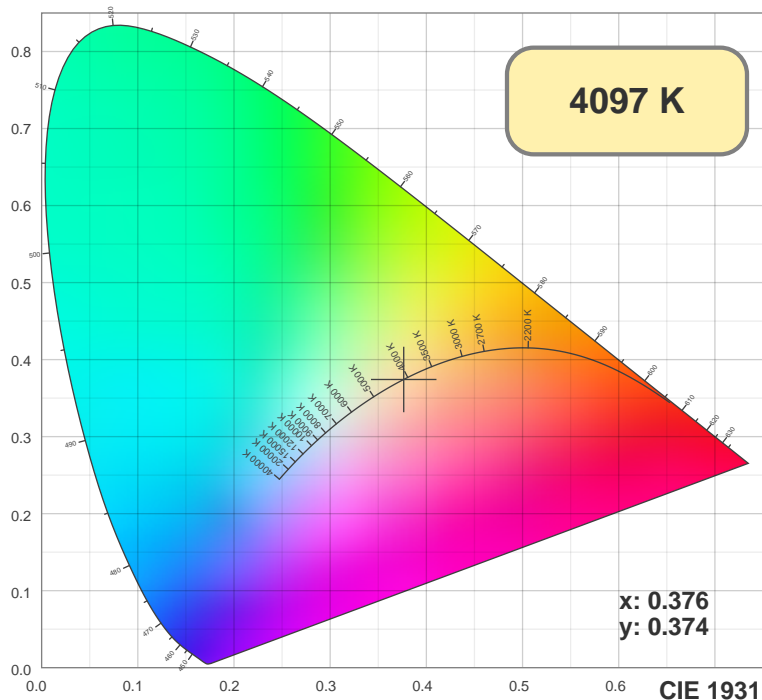
Spectra



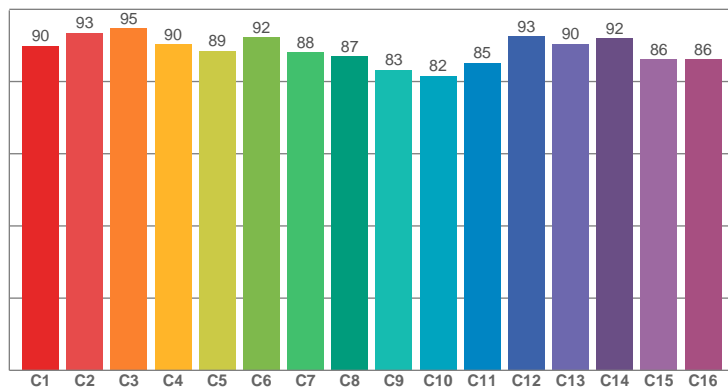
Power

Voltage: 120 V
Current: 0.067 A

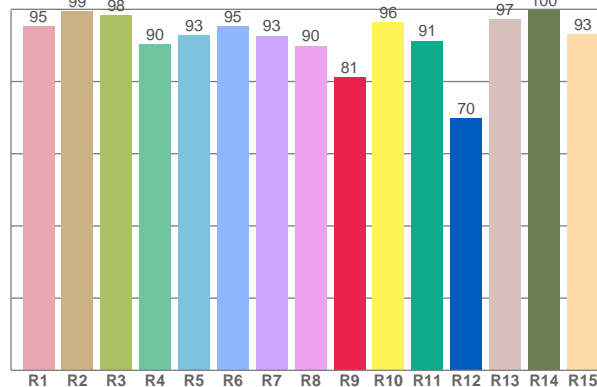




TM30: 88.6



CRI: 94.2 (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
95.32	99.37	98.40	90.28	92.74	95.25	92.65	89.85	81.11	96.40	91.26	69.83	97.18	99.64	93.09

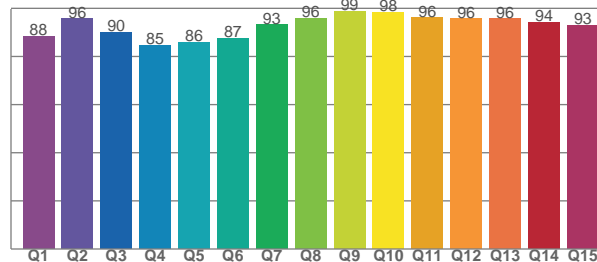
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.88	93.47	94.65	90.34	88.51	92.22	88.06	86.93	83.20	81.58	85.18	92.53	90.41	91.92	86.11	86.21

CQS Q values

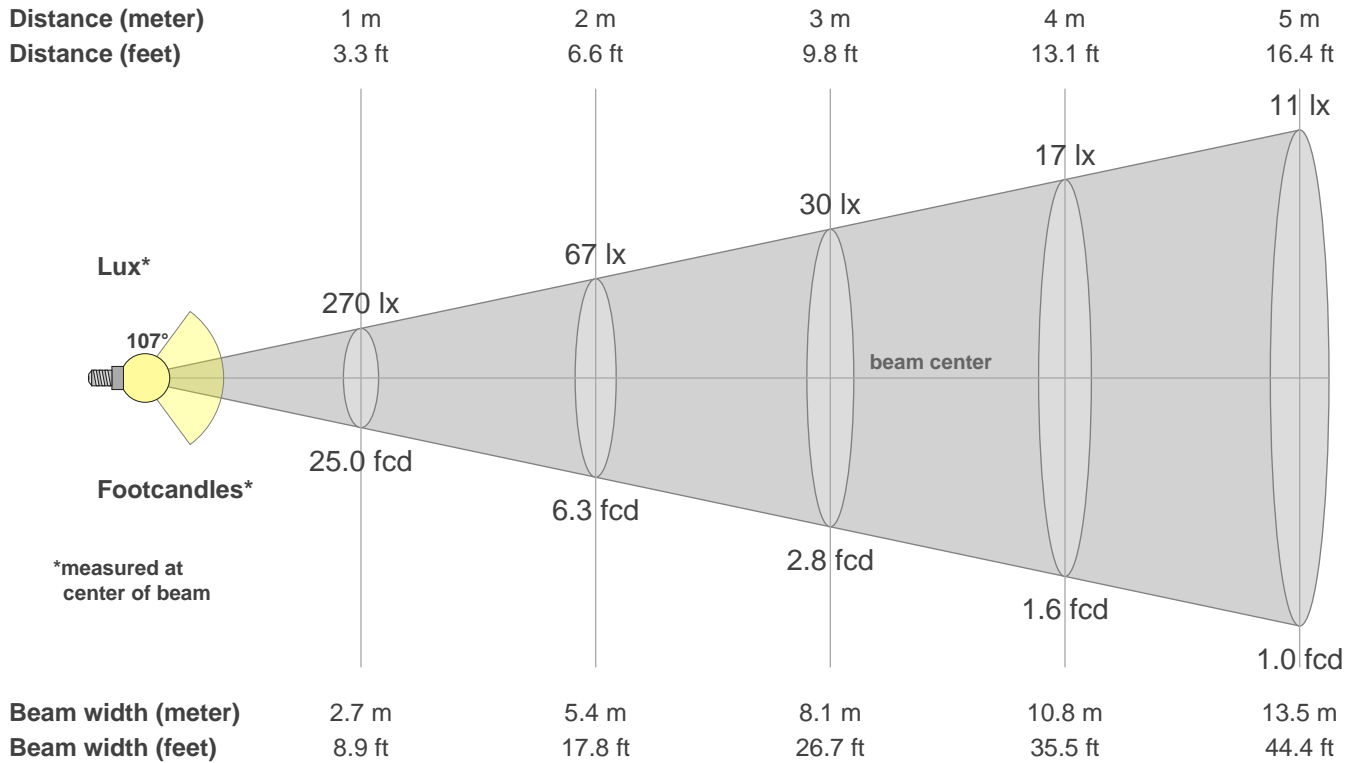
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.27	95.61	90.09	84.53	85.93	87.44	93.12	95.78	98.88	98.18	96.06	95.68	95.62	94.26	92.83

CQS: 91.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4097 K	94.2	81.1	88.6	95.8	91.6	0.4	0.4	0.2	0.3	0.0001



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°
270	269	266	261	253	243	230	214	196	176	153	129	106	83	61	40	22	9	1	0
100%	100%	99%	97%	94%	90%	85%	80%	73%	65%	57%	48%	39%	31%	22%	15%	8%	3%	0%	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°
270	269	265	258	250	239	228	213	195	174	152	124	96	71	53	36	26	19	14	11
100%	100%	98%	96%	93%	89%	84%	79%	72%	65%	57%	46%	35%	27%	20%	13%	10%	7%	5%	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°
270	267	262	254	244	232	217	200	181	159	135	112	89	68	48	29	14	4	1	0
100%	99%	97%	94%	91%	86%	81%	74%	67%	59%	50%	42%	33%	25%	18%	11%	5%	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°
270	270	267	262	255	244	232	218	201	182	158	130	102	80	55	36	26	19	14	11
100%	100%	99%	97%	94%	91%	86%	81%	75%	68%	59%	48%	38%	30%	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
107.1°	158.0°	188.9°	80.0%	55.6%