

ECOSENSE®

TROV Slim®

Light efficiency:

89 Lumen/Watt

Light quality:

CRI: 93.7

Color temperature:

3050 K

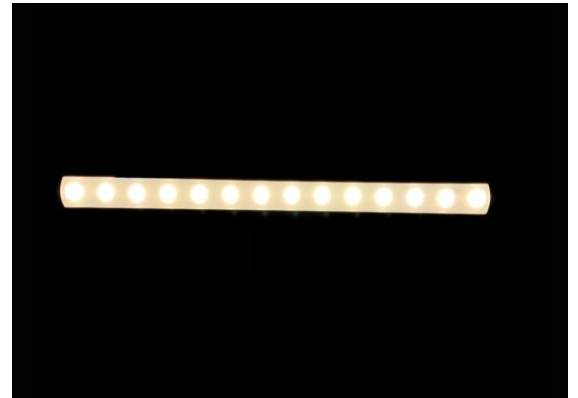
Output: 695 lm

Peak: 256 cd

Power: 7.8 W

PF: 0.98

8 PLANES



SKU:

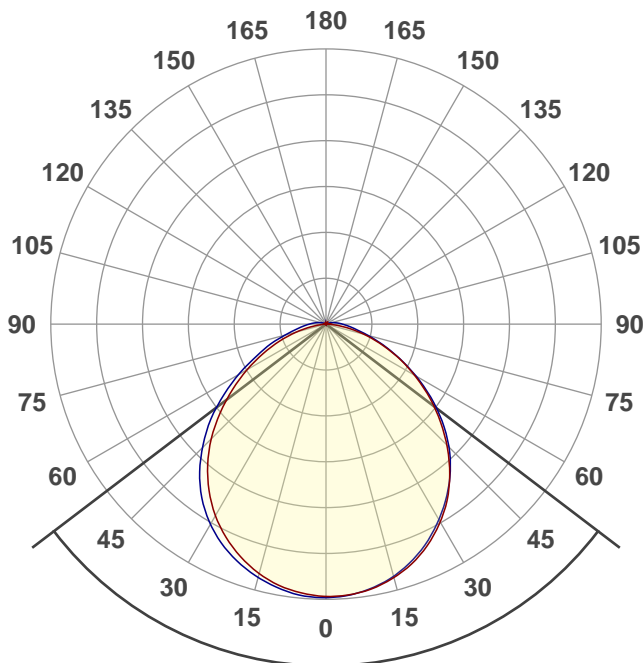
L30-I-12-08-30-90-MULT-120

Date and time:

11/2/2020 4:03:22 PM

Product name:

12" 3000K 90CRI 8Watt



Beam angle

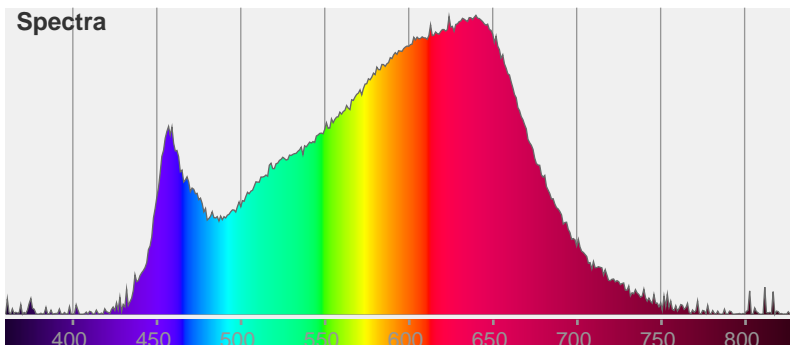
105.4°

Color



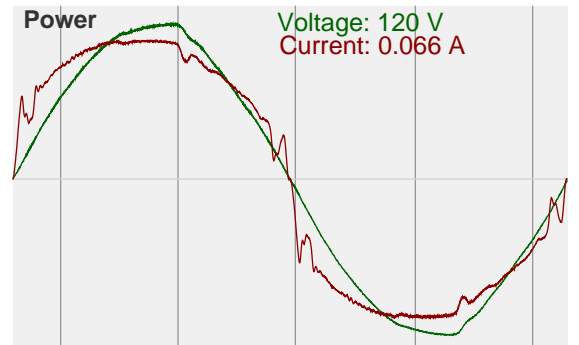
CIE1931
x: 0.430
y: 0.396

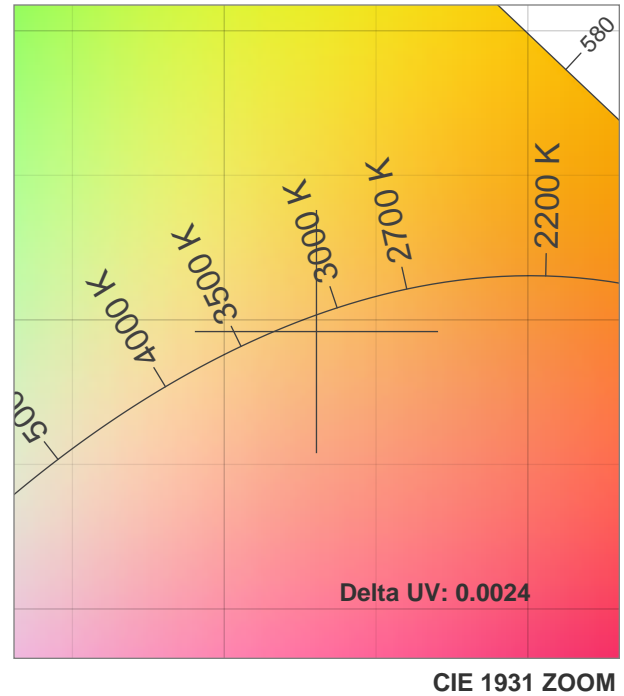
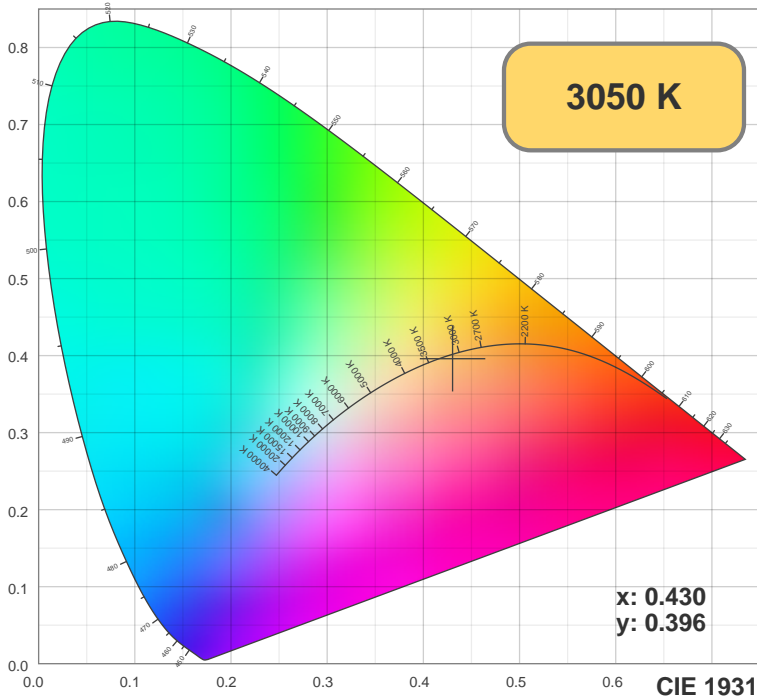
Spectra



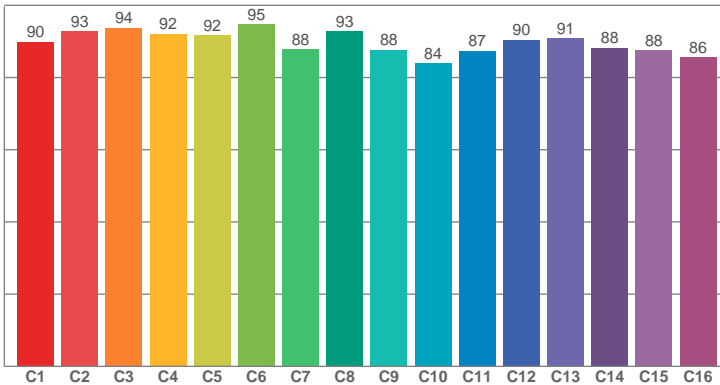
Power

Voltage: 120 V
Current: 0.066 A

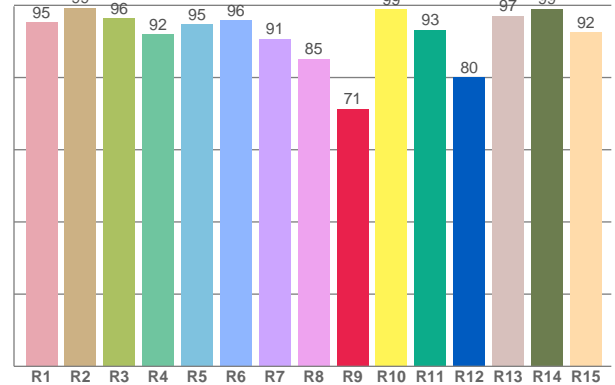




TM30: 90.0



CRI: 93.7 (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
95.25	99.34	96.39	91.97	94.73	95.90	90.74	85.19	71.35	98.86	93.15	79.98	97.06	99.02	92.48

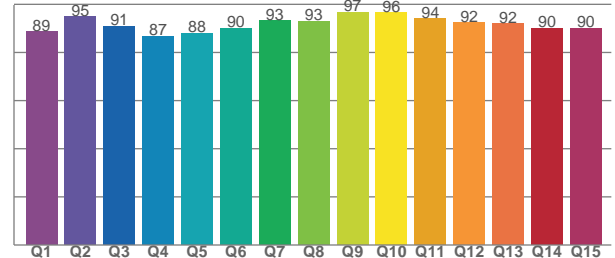
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.83	92.73	93.75	92.10	91.70	94.80	87.72	92.74	87.63	83.90	87.39	90.46	90.77	88.20	87.52	85.66

CQS Q values

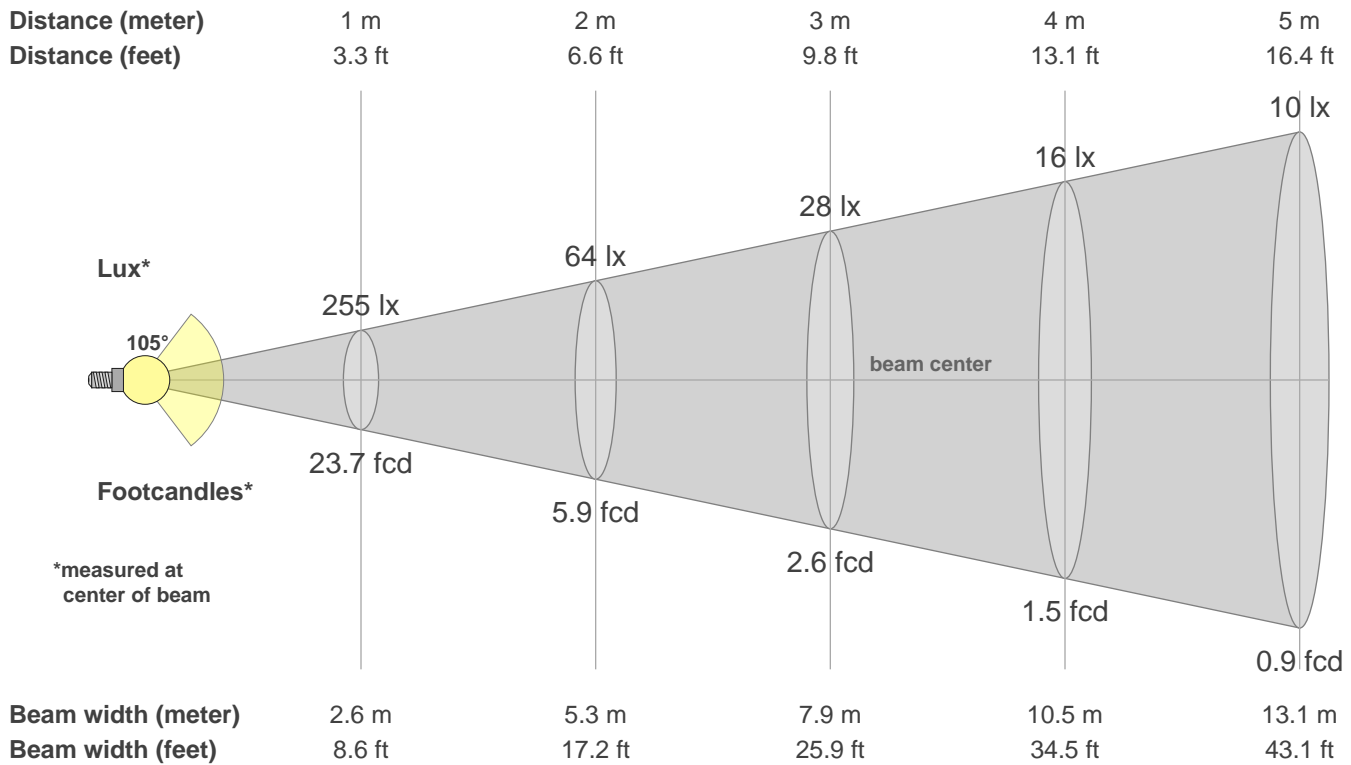
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.51	94.82	90.84	86.83	87.84	89.94	93.10	92.97	96.76	96.43	93.93	92.28	91.89	90.13	89.88

CQS: 91.1



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3050 K	93.7	71.4	90.0	97.0	91.1	0.4	0.4	0.2	0.3	-0.0024



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°
255	254	251	245	238	227	214	198	180	160	139	117	96	75	55	37	21	8	1	0
100%	100%	98%	96%	93%	89%	84%	78%	71%	63%	54%	46%	38%	29%	22%	15%	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°
255	254	250	244	235	224	211	197	181	163	142	120	97	76	57	41	29	21	16	11
100%	100%	98%	96%	92%	88%	83%	77%	71%	64%	56%	47%	38%	30%	22%	16%	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°
255	253	249	242	232	221	207	191	172	152	129	107	85	65	46	29	14	4	1	1
100%	99%	97%	95%	91%	86%	81%	75%	68%	60%	51%	42%	33%	25%	18%	11%	6%	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°
255	255	251	245	238	228	216	202	184	163	142	118	95	73	56	40	29	21	16	12
100%	100%	98%	96%	93%	89%	85%	79%	72%	64%	56%	46%	37%	29%	22%	16%	11%	8%	6%	5%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105.4°	161.2°	190.7°	78.9%	55.0%