

ECOSENSE®

TROV Slim®

Light efficiency:

123 Lumen/Watt

Light quality:

CRI: 83.7

Color temperature:

3995 K

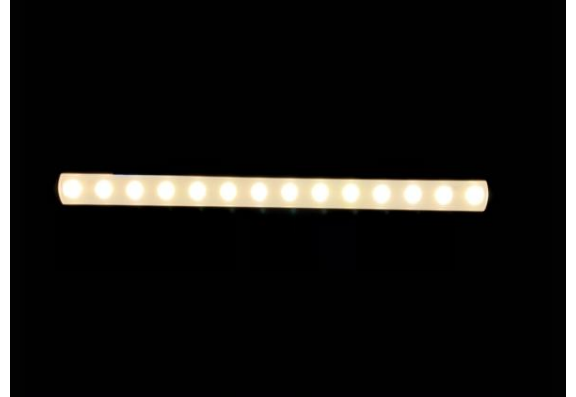
Output: 502 lm

Peak: 183 cd

Power: 4.1 W

PF: 0.97

8 PLANES



SKU:

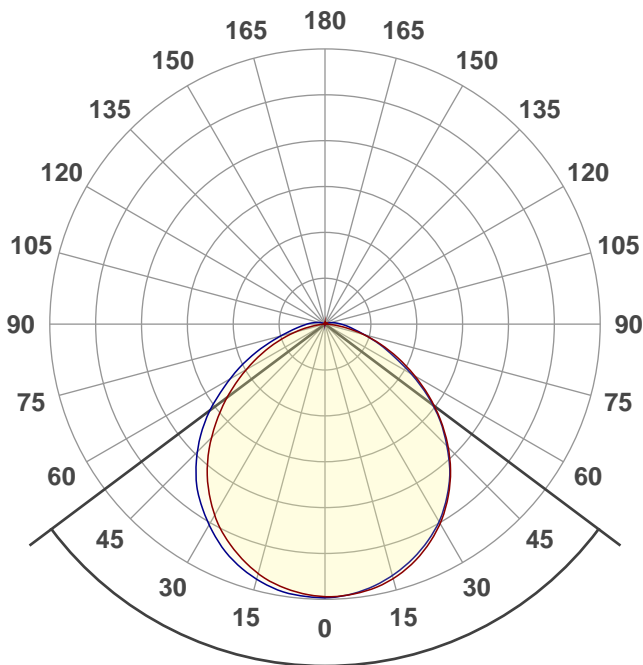
L30-I-12-04-40-80-MULT-120

Date and time:

11/3/2020 4:04:06 PM

Product name:

12" 4000K 80CRI 4Watt



Beam angle

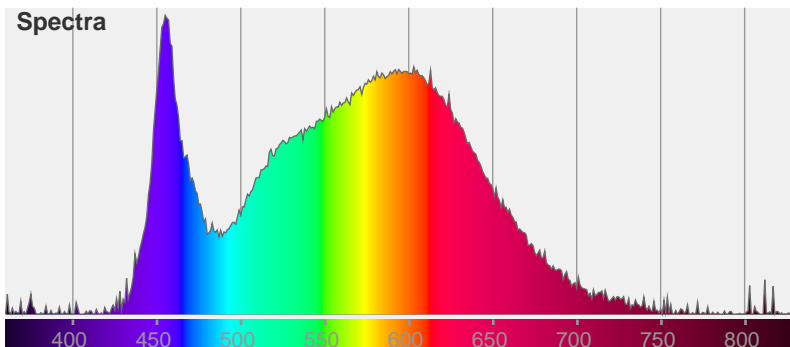
106.3°

Color



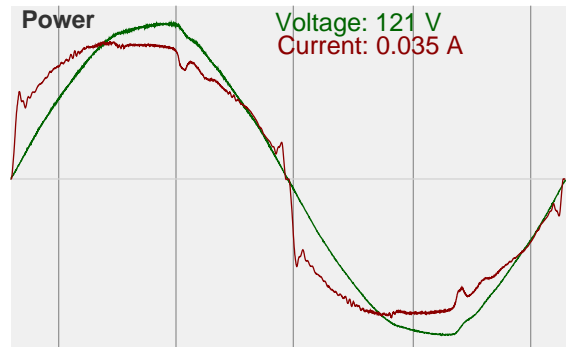
CIE1931
x: 0.381
y: 0.379

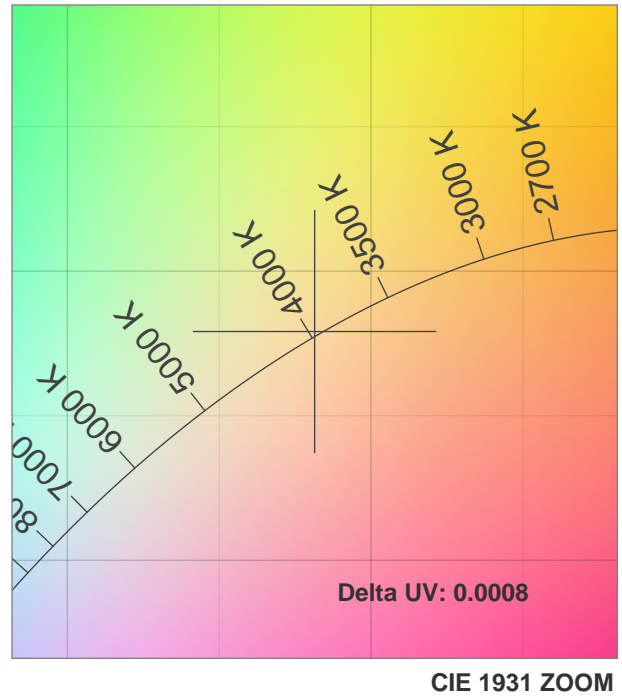
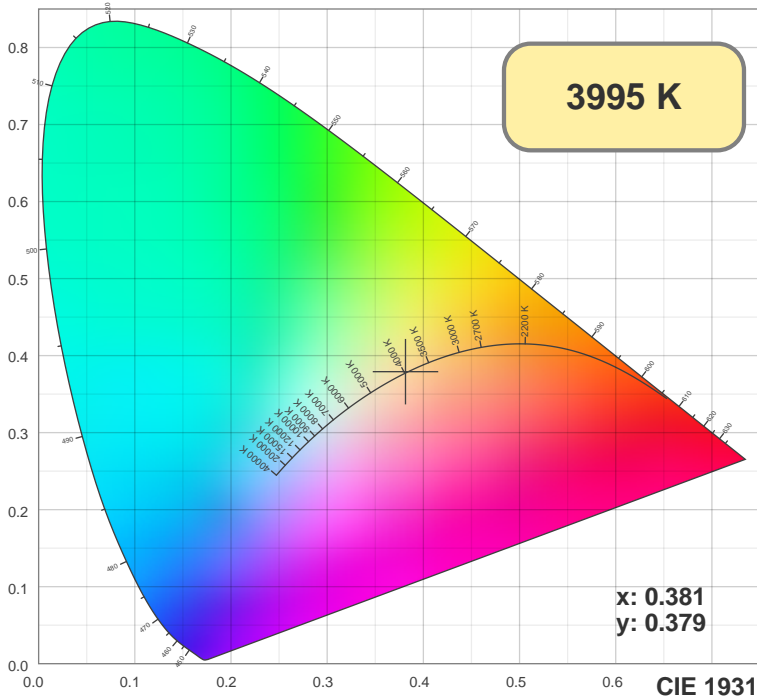
Spectra



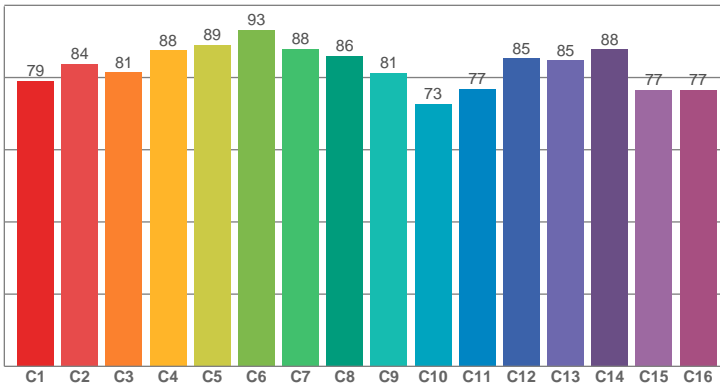
Power

Voltage: 121 V
Current: 0.035 A

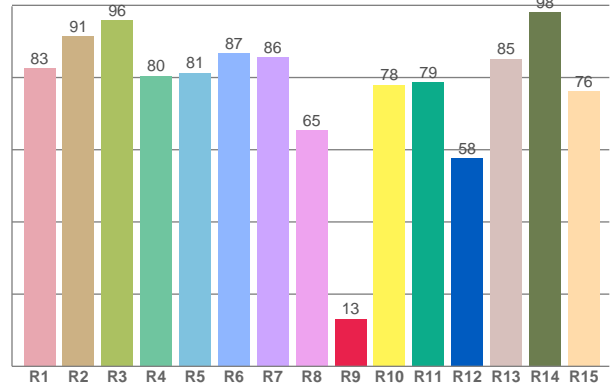




TM30: 82.9



CRI: 83.7 (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
82.54	91.37	95.80	80.41	81.35	86.77	85.66	65.34	13.17	77.95	78.72	57.54	85.17	98.08	76.24

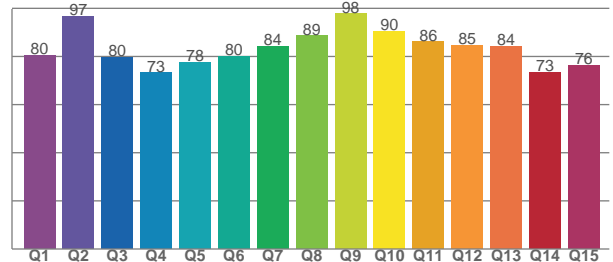
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.05	83.84	81.38	87.55	89.10	93.15	87.92	85.95	81.27	72.76	76.83	85.38	84.75	87.82	76.58	76.64

CQS Q values

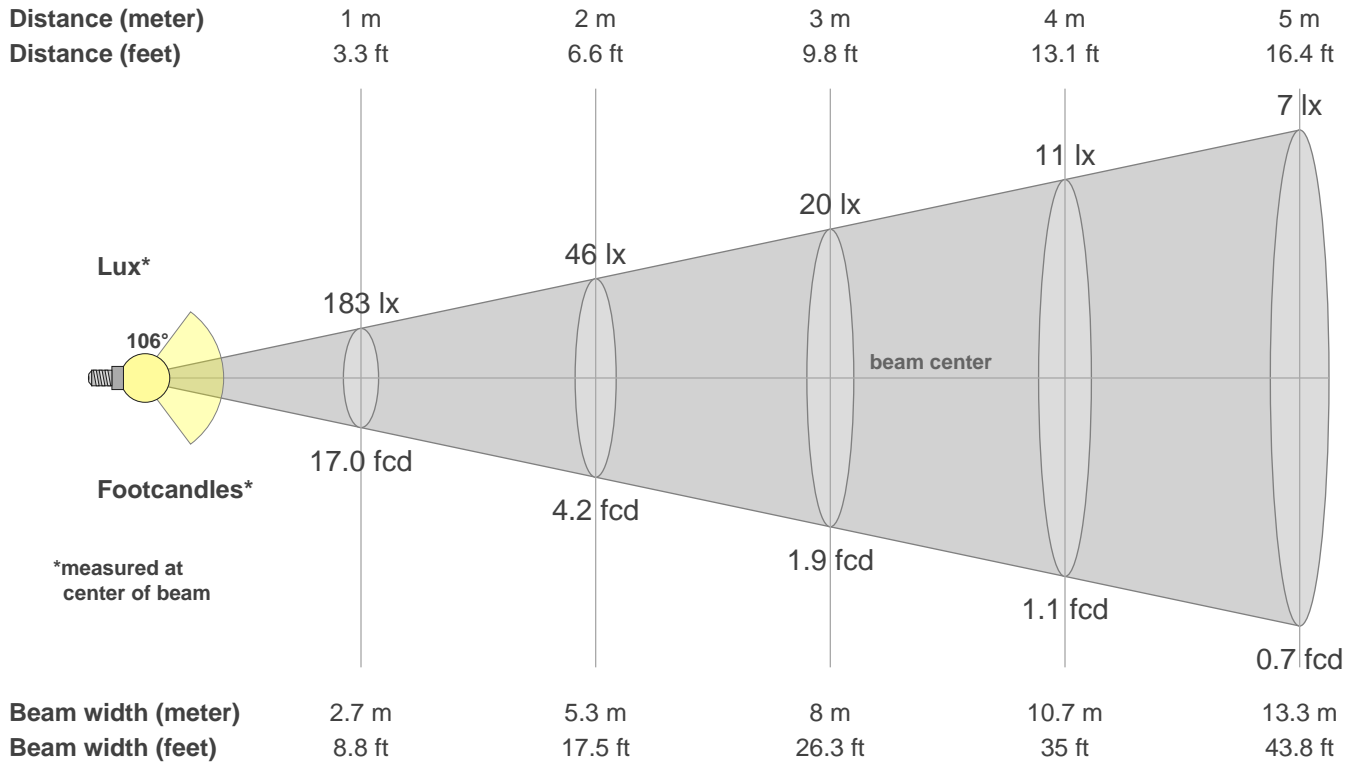
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.43	96.77	79.74	73.15	77.56	80.05	84.26	88.54	97.67	90.30	86.10	84.66	84.09	73.48	76.43

CQS: 82.0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3995 K	83.7	13.2	82.9	93.1	82.0	0.4	0.4	0.2	0.3	0.0008



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°
183	182	180	176	171	163	154	143	131	117	101	86	70	54	40	27	15	6	1	0
100%	100%	99%	97%	93%	89%	84%	78%	72%	64%	56%	47%	38%	30%	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°
183	182	179	174	168	161	153	142	130	115	101	84	67	51	38	27	20	15	11	8
100%	100%	98%	95%	92%	88%	84%	78%	71%	63%	55%	46%	37%	28%	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°
183	181	178	173	166	157	148	136	122	107	92	76	61	47	33	21	11	3	1	0
100%	99%	97%	95%	91%	86%	81%	74%	67%	59%	50%	42%	33%	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°
183	183	181	177	171	164	155	145	134	121	106	90	74	58	44	31	22	16	12	9
100%	100%	99%	97%	94%	90%	85%	80%	73%	66%	58%	49%	40%	32%	24%	17%	12%	9%	7%	5%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
106.3°	161.5°	191.2°	78.7%	54.7%