

ECOSENSE®

TROV Slim®

Light efficiency:

121 Lumen/Watt

Light quality:

CRI: 84.7

Color temperature:

3497 K

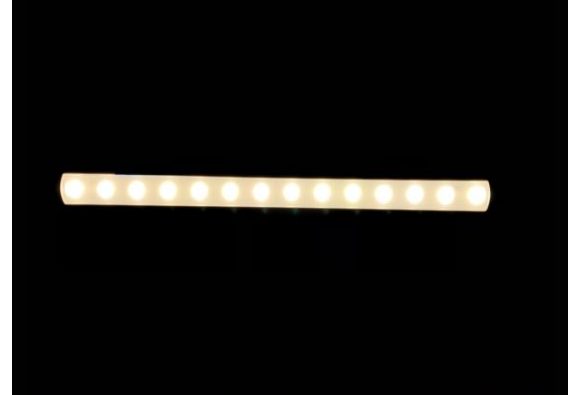
Output: 476 lm

Peak: 175 cd

Power: 3.9 W

PF: 0.98

8 PLANES



SKU:

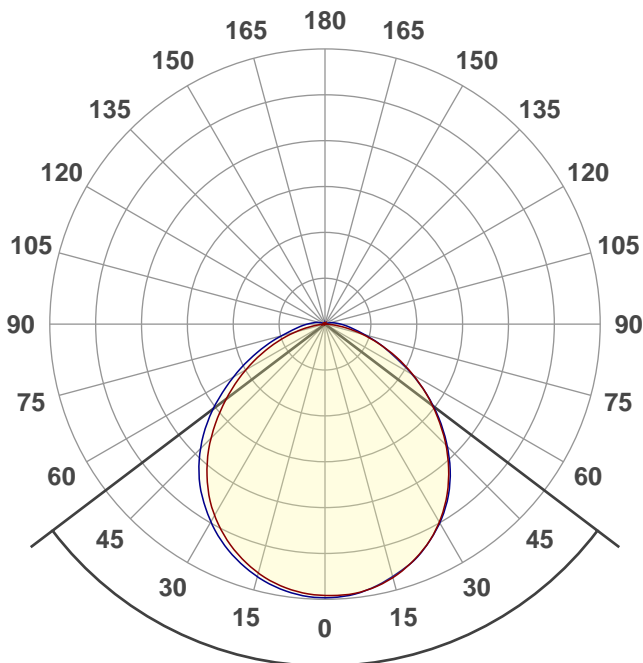
L30-I-12-04-35-80-MULT-120

Date and time:

11/3/2020 2:17:24 PM

Product name:

12" 3500K 80CRI 4Watt



Beam angle

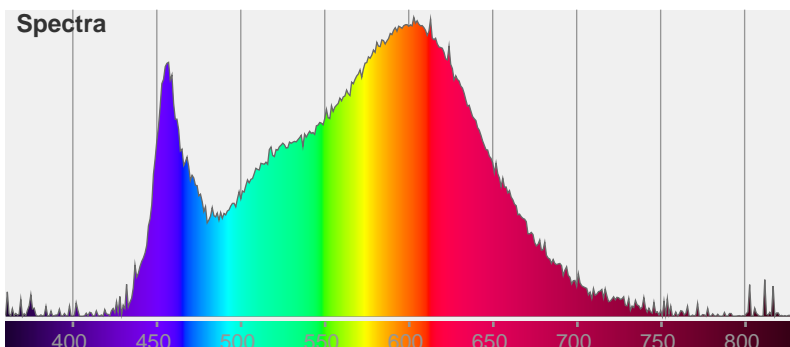
105.7°

Color



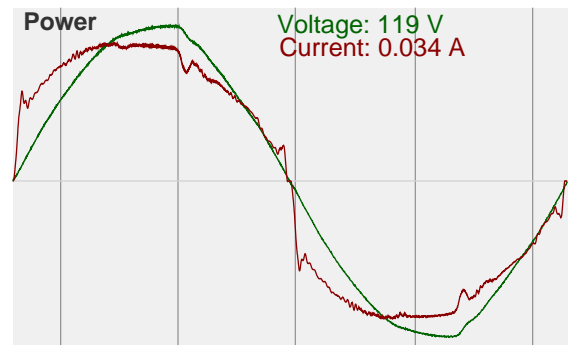
CIE1931
x: 0.406
y: 0.391

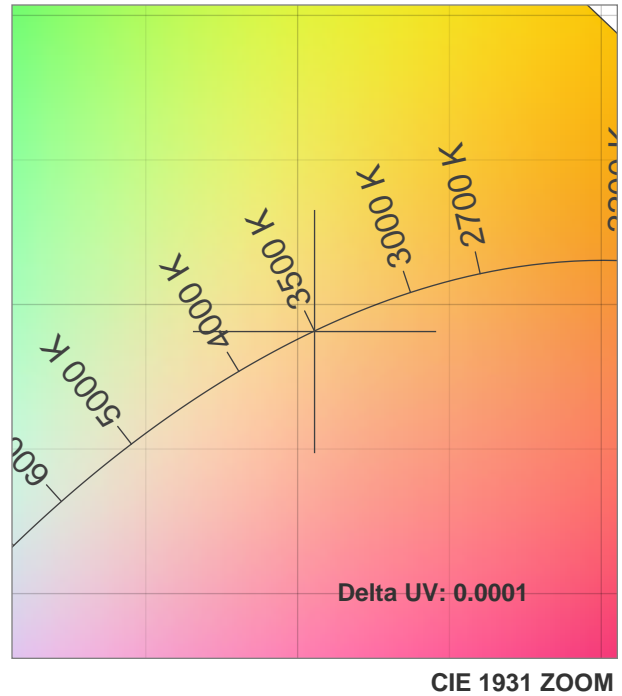
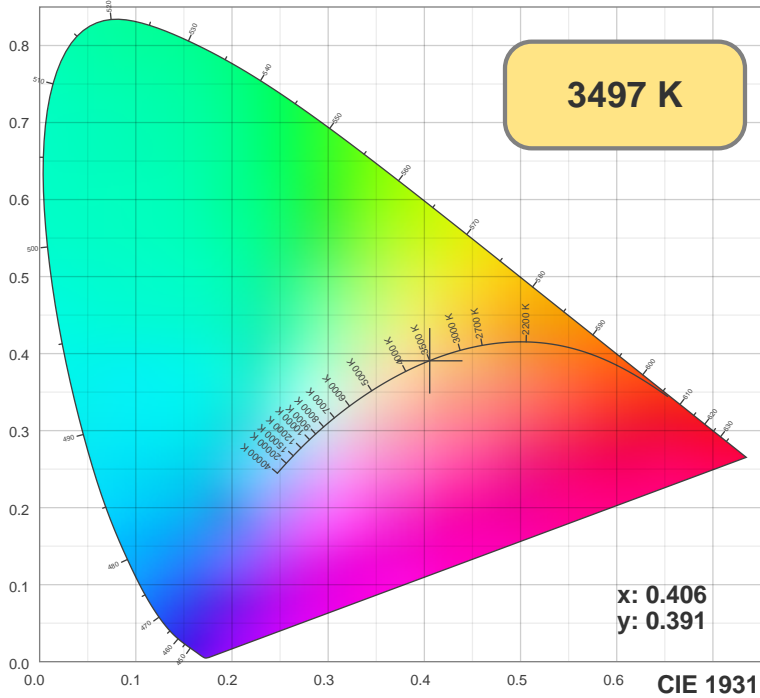
Spectra



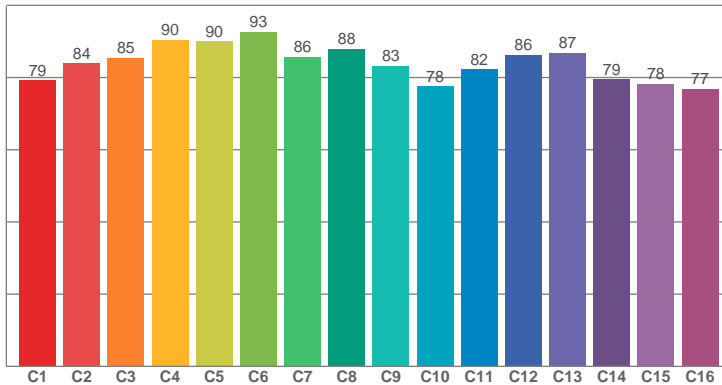
Power

Voltage: 119 V
Current: 0.034 A

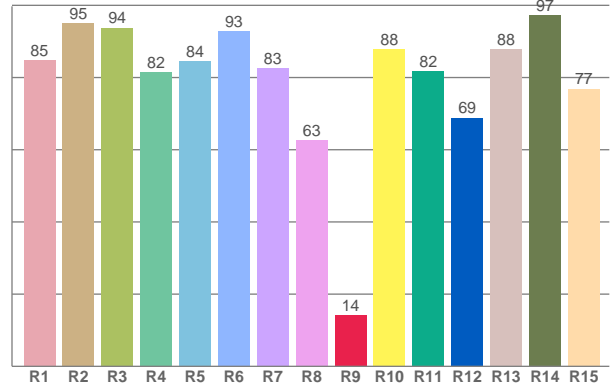




TM30: 84.1



CRI: 84.7 (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
84.69	94.99	93.75	81.51	84.48	92.77	82.59	62.54	14.12	87.76	81.67	68.88	87.88	97.28	76.86

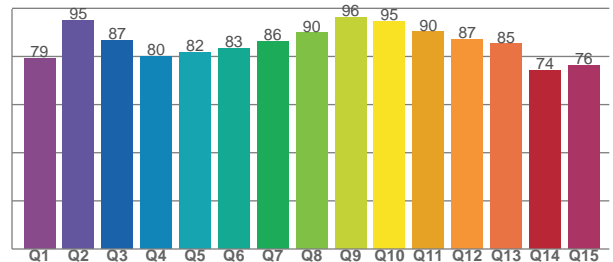
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.17	83.93	85.45	90.42	90.07	92.60	85.72	87.97	83.23	77.61	82.18	86.32	86.82	79.41	78.21	76.83

CQS Q values

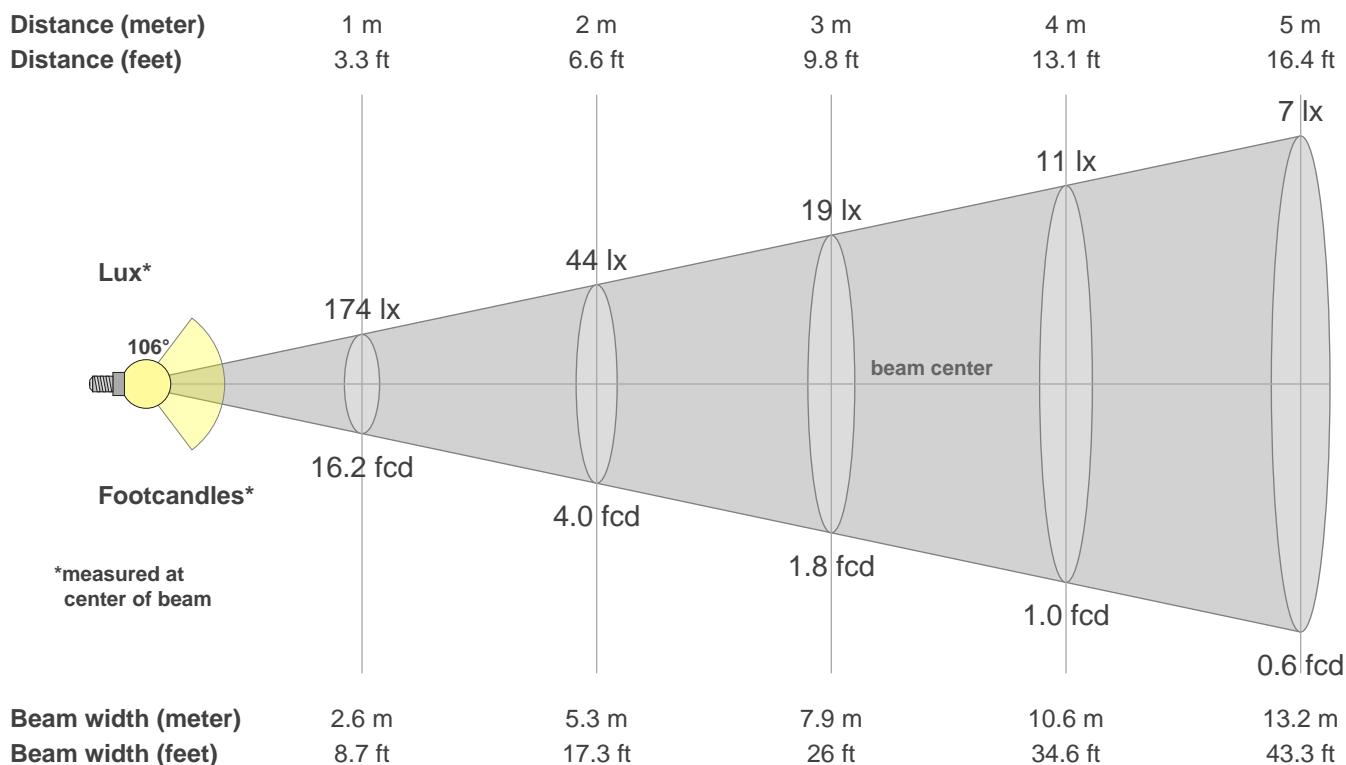
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.16	95.00	86.68	80.01	81.83	83.29	86.17	89.82	96.35	94.70	90.27	87.10	85.28	74.30	76.45

CQS: 84.4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3497 K	84.7	14.1	84.1	92.4	84.4	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°
174	173	171	168	162	155	146	135	123	109	95	80	65	51	37	24	14	5	1	0
100%	100%	99%	96%	93%	89%	84%	78%	71%	63%	54%	46%	37%	29%	21%	14%	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°
174	174	171	167	162	155	147	137	125	111	96	80	64	49	37	26	19	14	10	7
100%	100%	98%	96%	93%	89%	84%	78%	72%	64%	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°
174	172	169	165	158	150	141	130	117	103	88	73	59	45	32	20	10	3	1	0
100%	99%	97%	95%	91%	86%	81%	75%	67%	59%	50%	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°
174	174	171	167	161	154	146	136	125	112	98	83	68	53	40	29	21	16	11	8
100%	100%	98%	96%	93%	89%	84%	78%	72%	65%	56%	48%	39%	31%	23%	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
105.7°	161.2°	191.0°	78.8%	55.0%