

ECOSENSE®

TROV Slim®

Light efficiency:

110 Lumen/Watt

Light quality:

CRI: 83.2

Color temperature:

4040 K

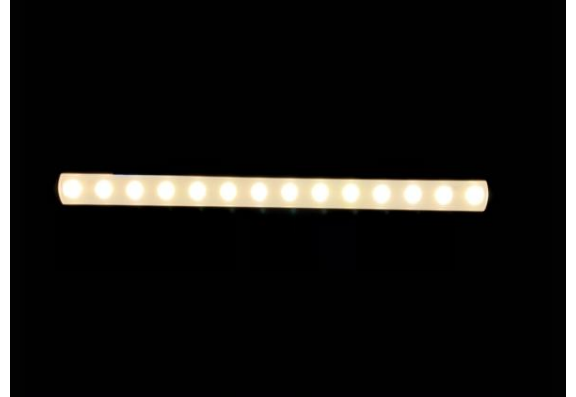
Output: 862 lm

Peak: 311 cd

Power: 7.9 W

PF: 0.98

8 PLANES



SKU:

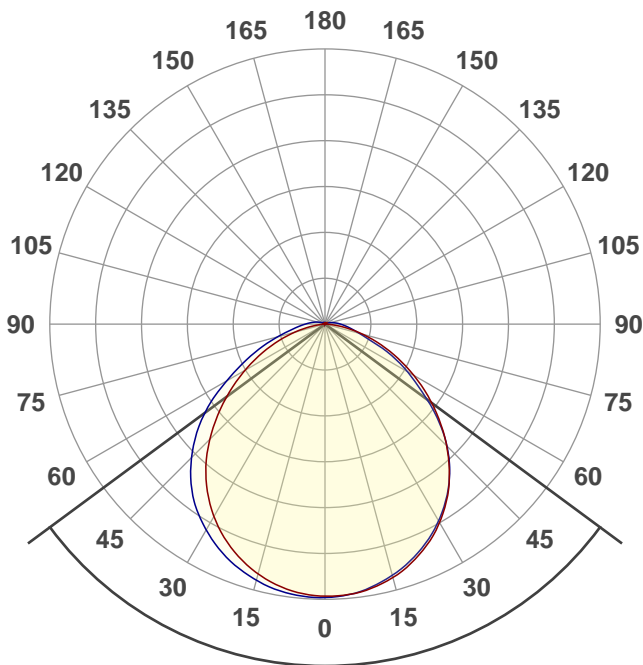
L30-I-12-08-40-80-MULT-120

Date and time:

11/3/2020 4:51:58 PM

Product name:

12" 4000K 80CRI 8Watt



Beam angle

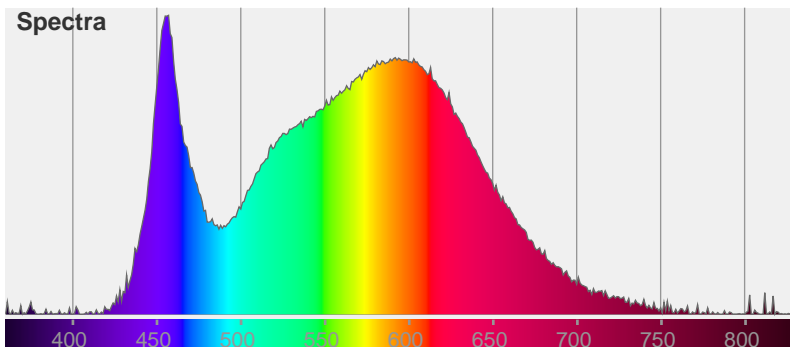
107.1°

Color



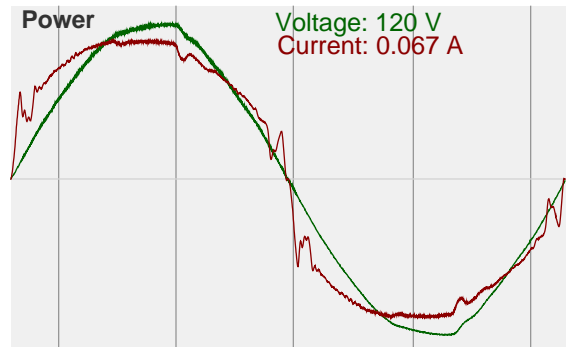
CIE1931
x: 0.379
y: 0.378

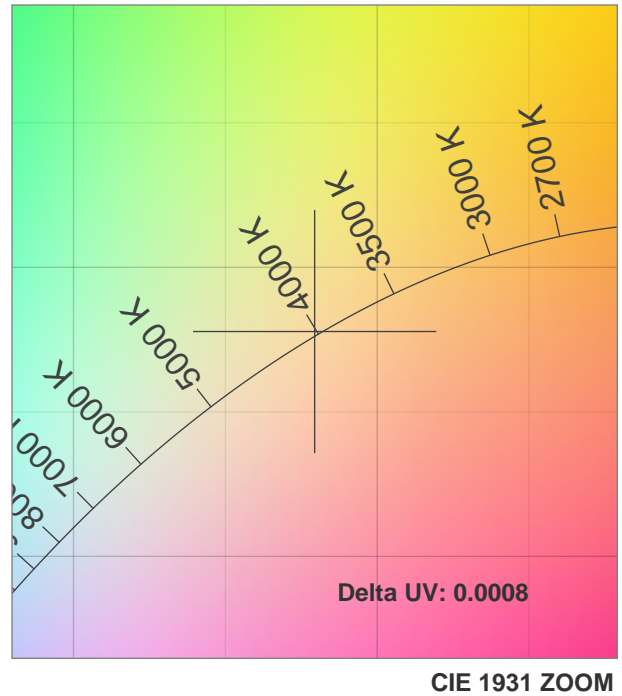
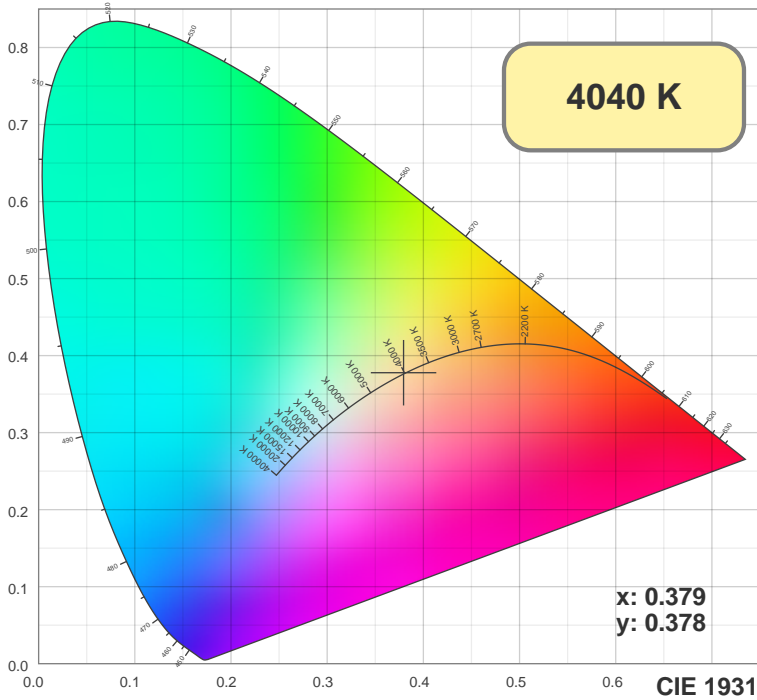
Spectra



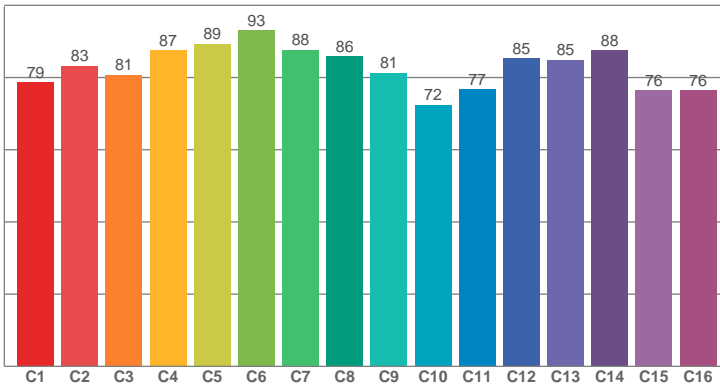
Power

Voltage: 120 V
Current: 0.067 A

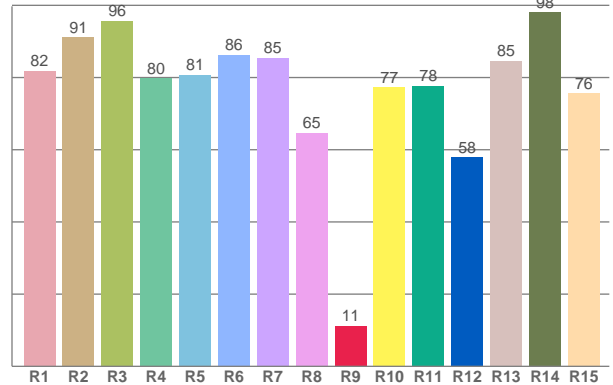




TM30: 82.7



CRI: 83.2 (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
81.89	91.07	95.65	79.71	80.79	86.31	85.46	64.72	11.18	77.22	77.68	57.94	84.60	97.99	75.64

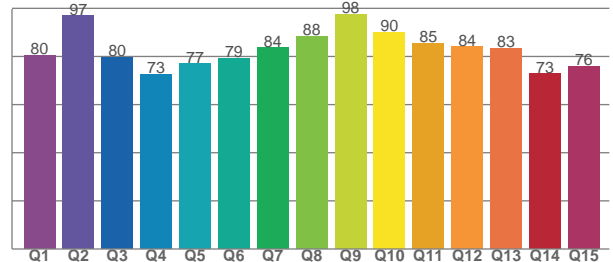
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78.65	83.29	80.73	87.45	89.29	93.11	87.72	85.79	81.27	72.46	76.76	85.28	84.86	87.54	76.44	76.43

CQS Q values

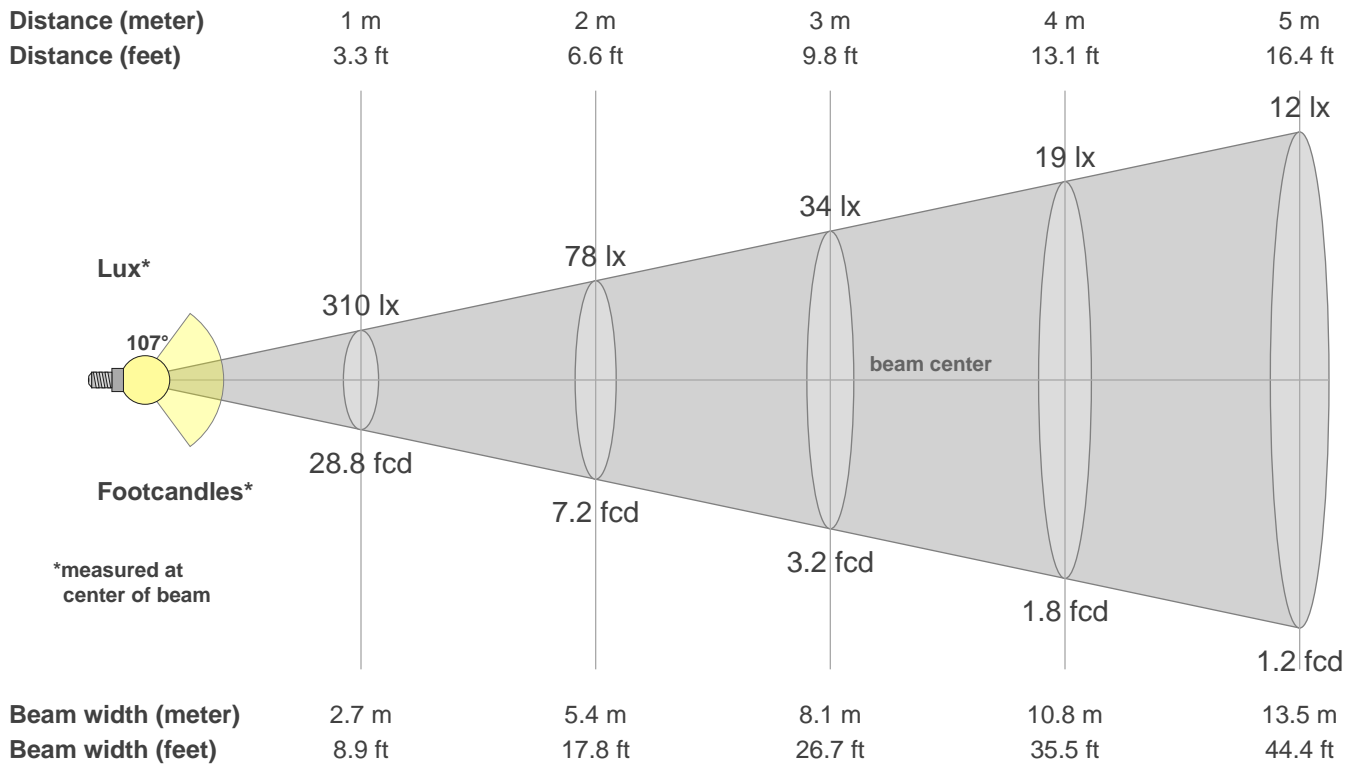
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.33	96.86	79.59	72.63	76.93	79.30	83.57	88.24	97.57	89.93	85.44	83.97	83.42	72.75	75.91

CQS: 81.5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4040 K	83.2	11.2	82.7	92.9	81.5	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°
310	309	305	298	289	276	261	242	220	196	170	143	117	91	67	45	25	9	1	1
100%	100%	98%	96%	93%	89%	84%	78%	71%	63%	55%	46%	38%	29%	22%	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°
310	309	304	296	286	273	258	241	220	196	167	136	109	83	57	41	31	23	18	13
100%	100%	98%	95%	92%	88%	83%	78%	71%	63%	54%	44%	35%	27%	18%	13%	10%	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°
310	307	302	294	283	269	253	233	211	185	158	131	105	80	57	36	18	5	1	0
100%	99%	97%	95%	91%	87%	81%	75%	68%	60%	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°
310	311	307	302	294	283	270	255	237	215	190	161	129	101	77	56	40	30	23	17
100%	100%	99%	97%	95%	91%	87%	82%	76%	69%	61%	52%	42%	33%	25%	18%	13%	10%	7%	5%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
107.1°	161.3°	193.0°	78.7%	54.7%