

ECOSENSE®

TROV Slim®

Light efficiency:

104 Lumen/Watt

Light quality:

CRI: 83.5

Color temperature:

3098 K

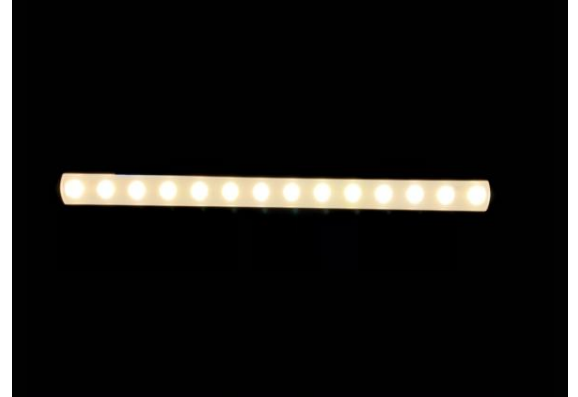
Output: 810 lm

Peak: 296 cd

Power: 7.8 W

PF: 0.98

8 PLANES



SKU:

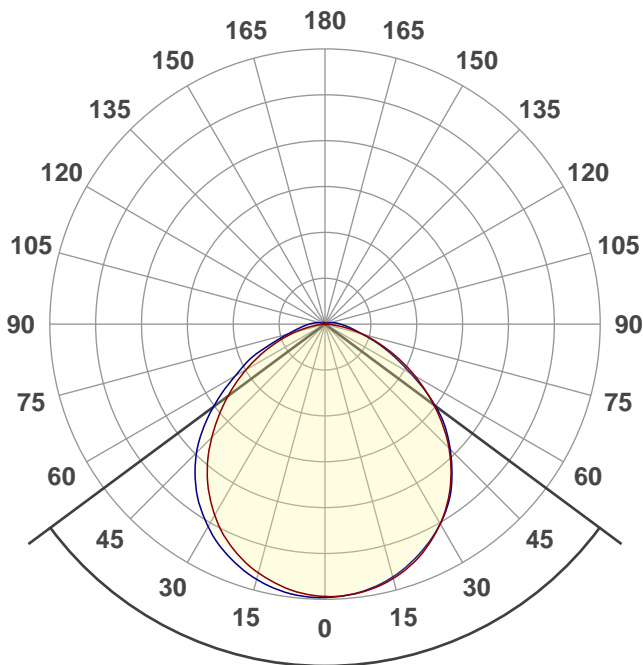
L30-I-12-08-30-80-MULT-120

Date and time:

11/3/2020 1:10:23 PM

Product name:

12" 3000K 80CRI 8Watt



Beam angle

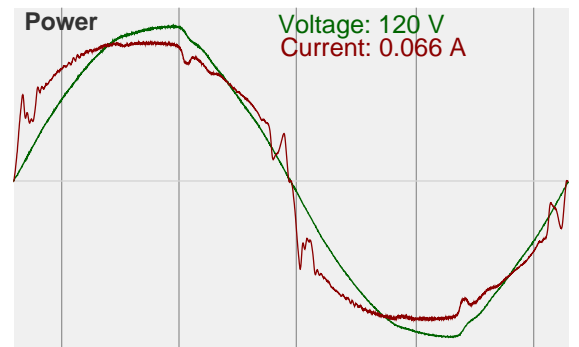
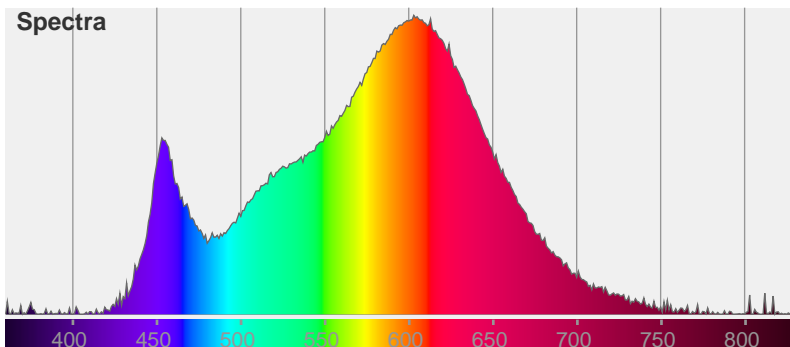
106.9°

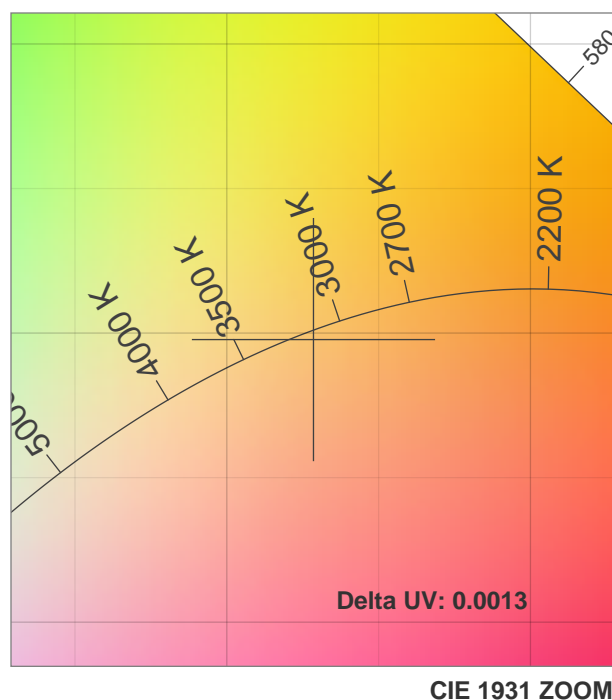
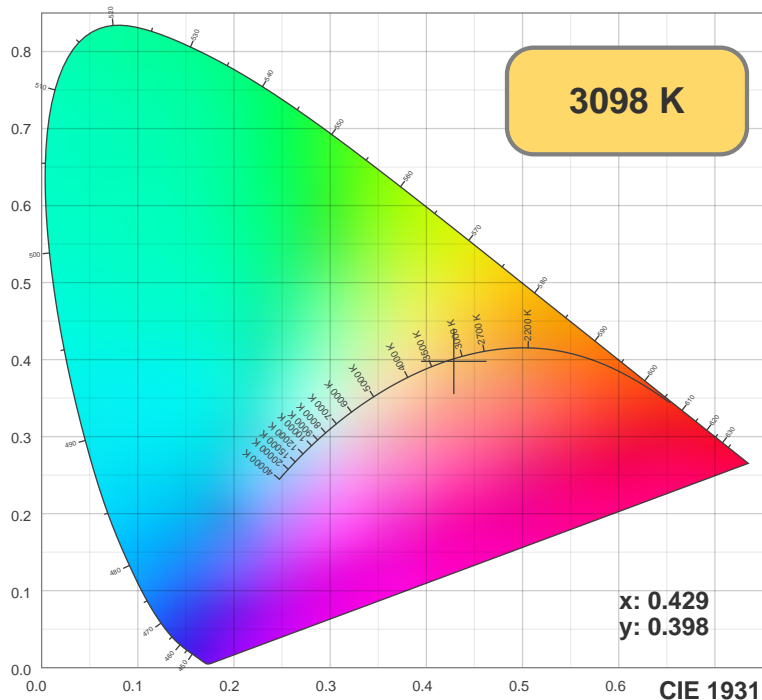
Color



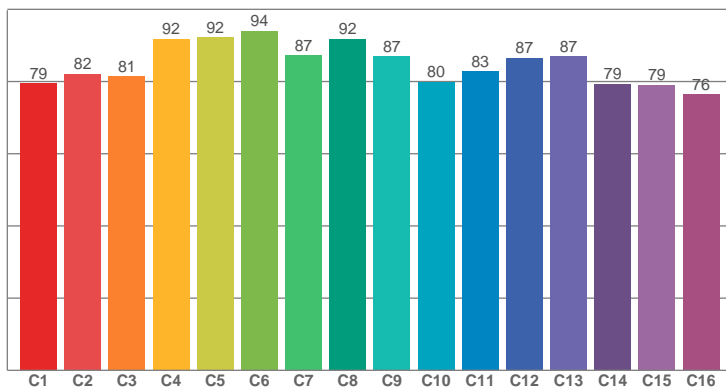
CIE1931
x: 0.429
y: 0.398

Spectra

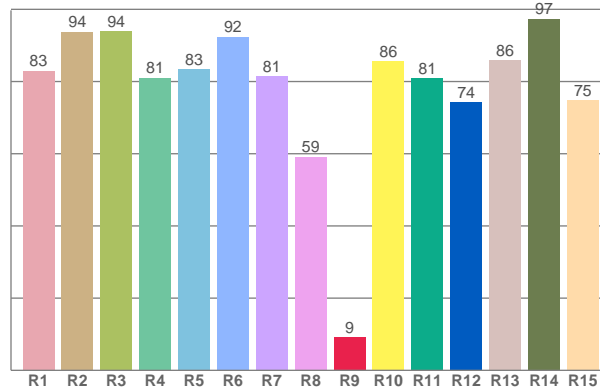




TM30: 85.0



CRI: 83.5 (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
82.94	93.73	93.82	81.01	83.37	92.42	81.43	59.16	9.18	85.62	80.93	74.16	85.94	97.36	74.77

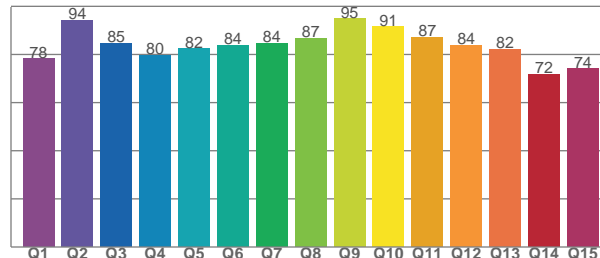
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.49	82.14	81.45	91.86	92.27	94.01	87.29	91.84	86.93	79.87	82.86	86.53	86.96	79.36	79.07	76.50

CQS Q values

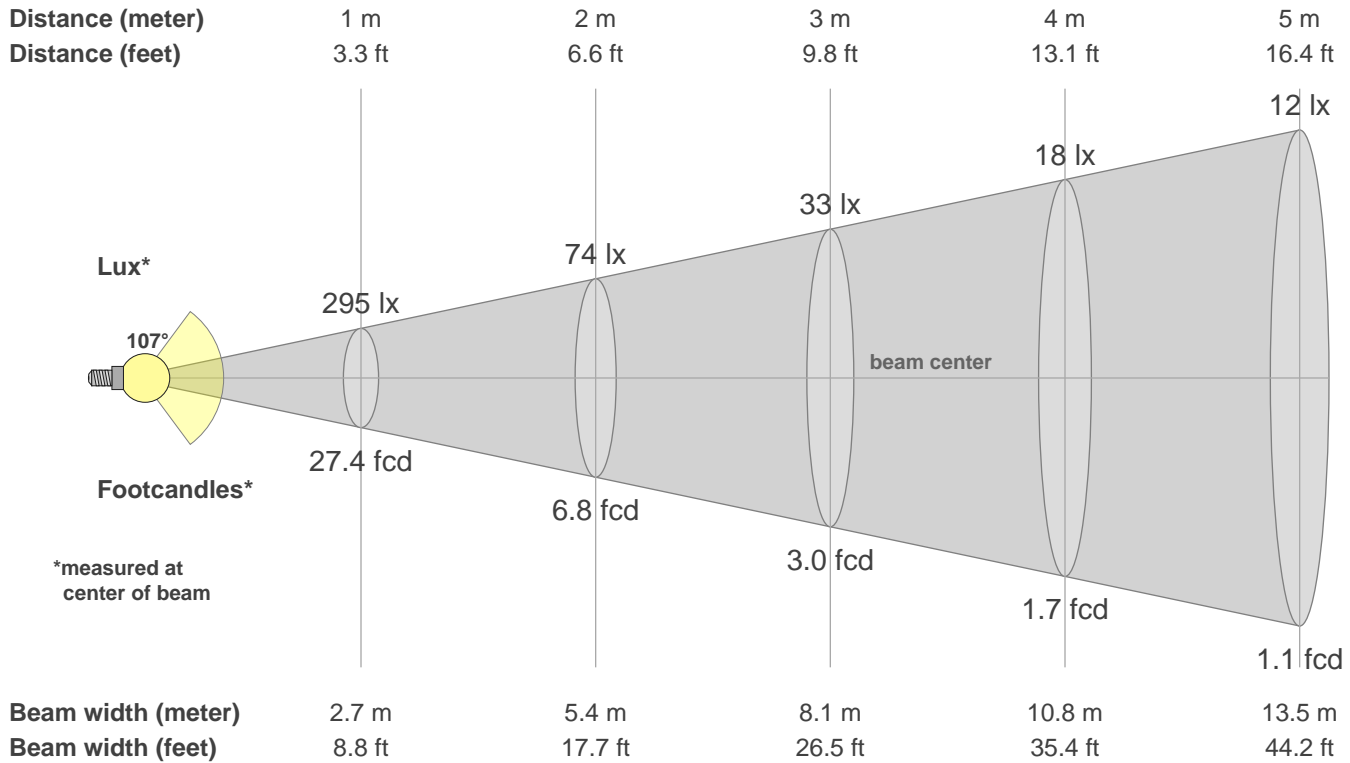
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.12	94.22	84.57	79.70	82.38	83.91	84.50	86.64	94.74	91.42	87.11	83.66	82.25	71.83	73.99

CQS: 82.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3098 K	83.5	9.2	85.0	94.6	82.6	0.4	0.4	0.2	0.3	-0.0013



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°
295	294	290	284	276	264	249	232	212	189	164	138	113	87	64	42	24	9	1	1
100%	100%	99%	97%	94%	89%	84%	79%	72%	64%	56%	47%	38%	30%	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°
295	294	290	283	273	262	249	233	213	191	168	139	108	82	60	42	31	23	17	13
100%	100%	98%	96%	93%	89%	85%	79%	72%	65%	57%	47%	37%	28%	21%	14%	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°
295	292	286	278	268	255	238	219	197	173	148	123	99	75	53	34	17	4	0	1
100%	99%	97%	94%	91%	86%	81%	74%	67%	59%	50%	42%	33%	26%	18%	11%	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°
295	295	291	285	277	266	253	237	218	196	170	141	113	89	62	42	30	23	17	13
100%	100%	99%	97%	94%	90%	86%	80%	74%	67%	58%	48%	38%	30%	21%	14%	10%	8%	6%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
106.9°	159.5°	190.5°	79.4%	55.2%