

ECOSENSE®

TROV Slim®

Light efficiency:

112 Lumen/Watt

Light quality:

CRI: 83.4

Color temperature:

2716 K

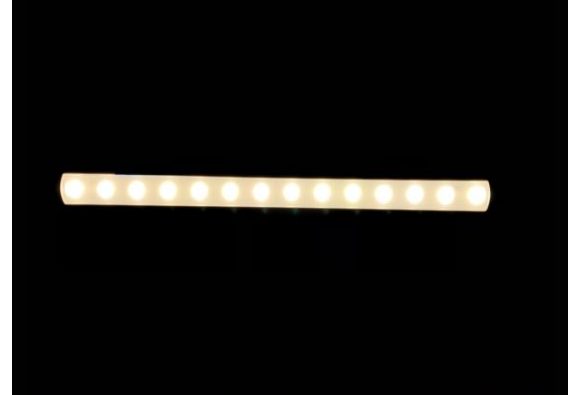
Output: 460 lm

Peak: 168 cd

Power: 4.1 W

PF: 0.98

8 PLANES



SKU:

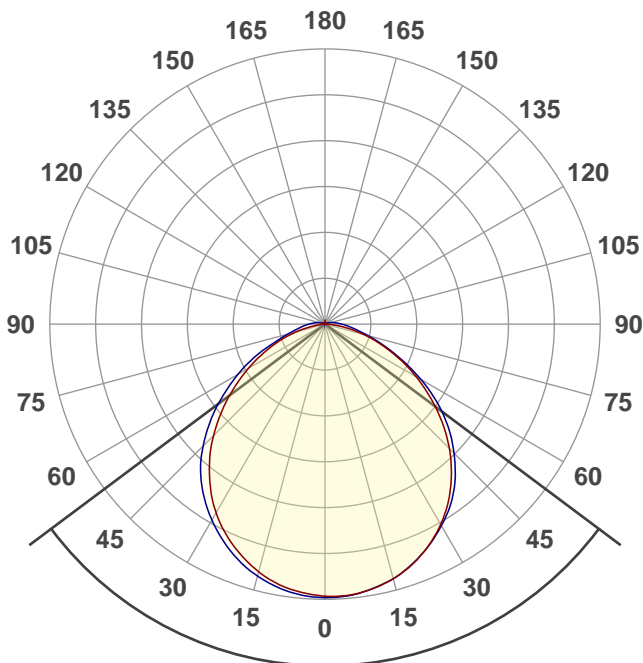
L30-I-12-04-27-80-MULT-120

Date and time:

11/2/2020 1:07:50 PM

Product name:

12" 2700K 80CRI 4Watt



Beam angle

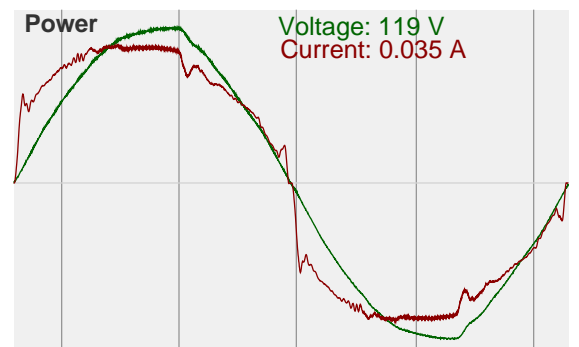
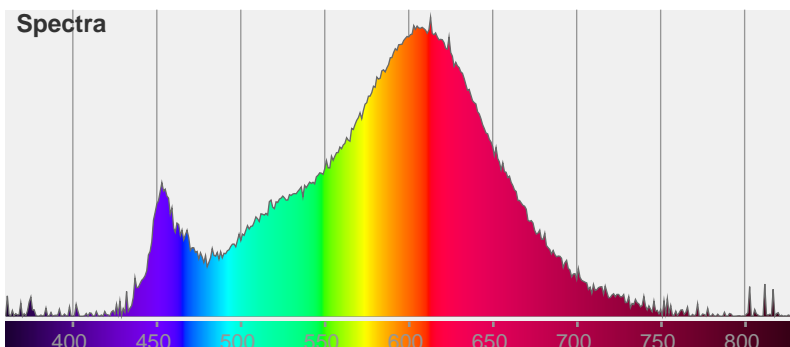
106.4°

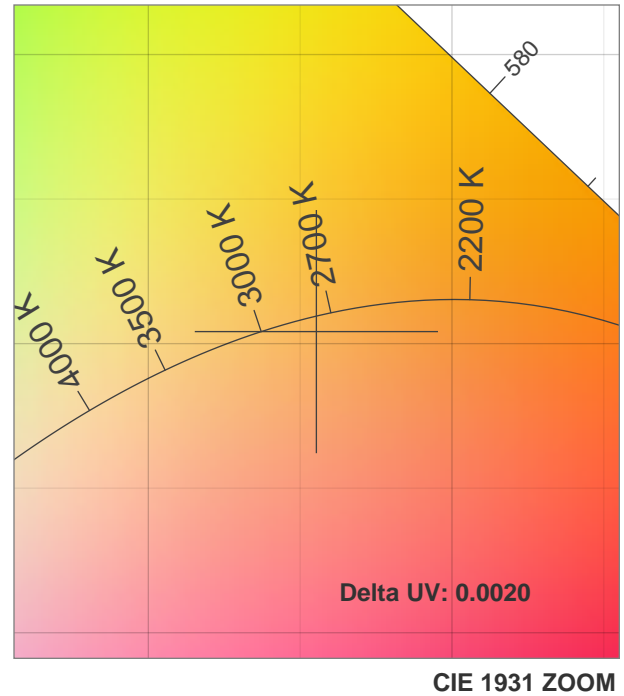
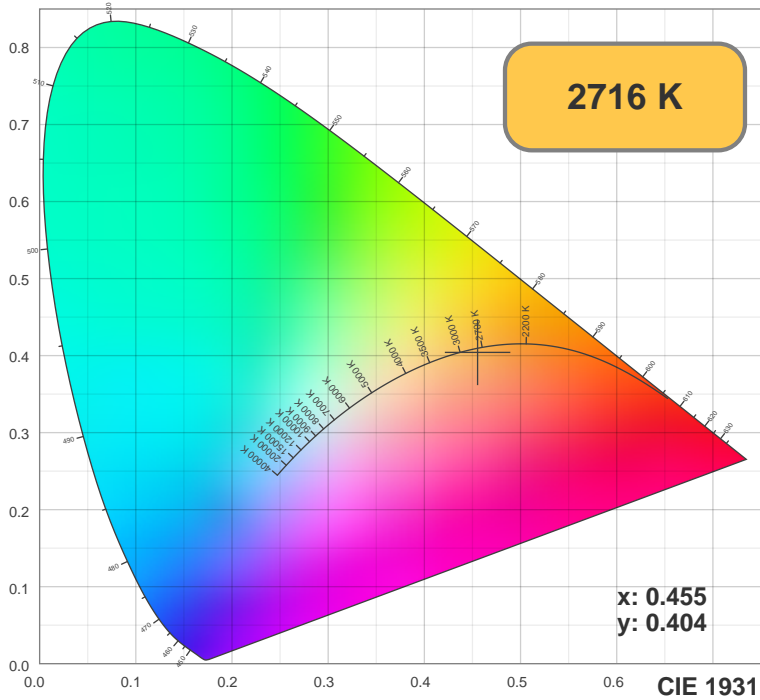
Color



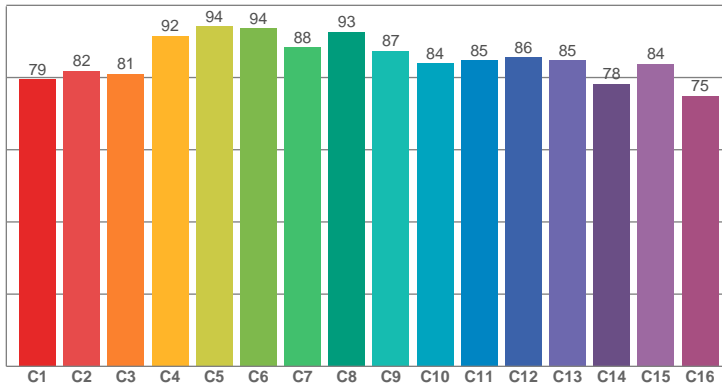
CIE1931
x: 0.455
y: 0.404

Spectra

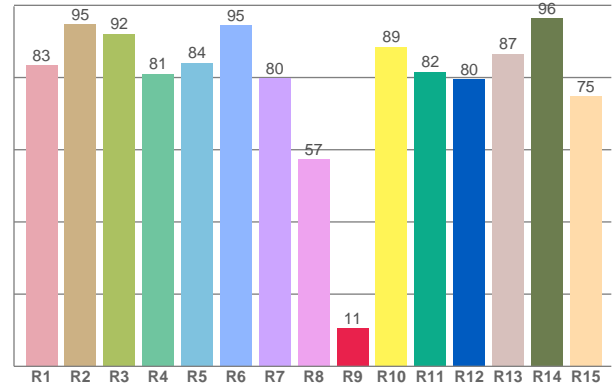




TM30: 85.3



CRI: 83.4 (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
83.37	94.77	92.08	81.01	84.08	94.51	79.70	57.38	10.58	88.51	81.57	79.55	86.50	96.46	74.74

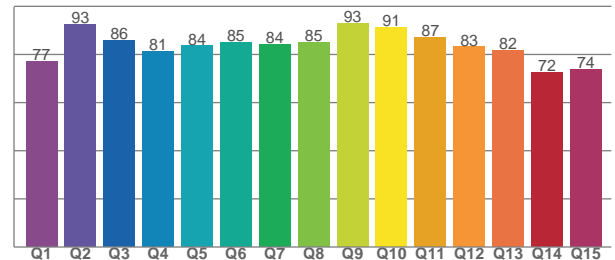
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.44	81.80	81.01	91.53	94.10	93.65	88.41	92.64	87.42	83.89	84.82	85.63	84.72	78.28	83.80	74.97

CQS Q values

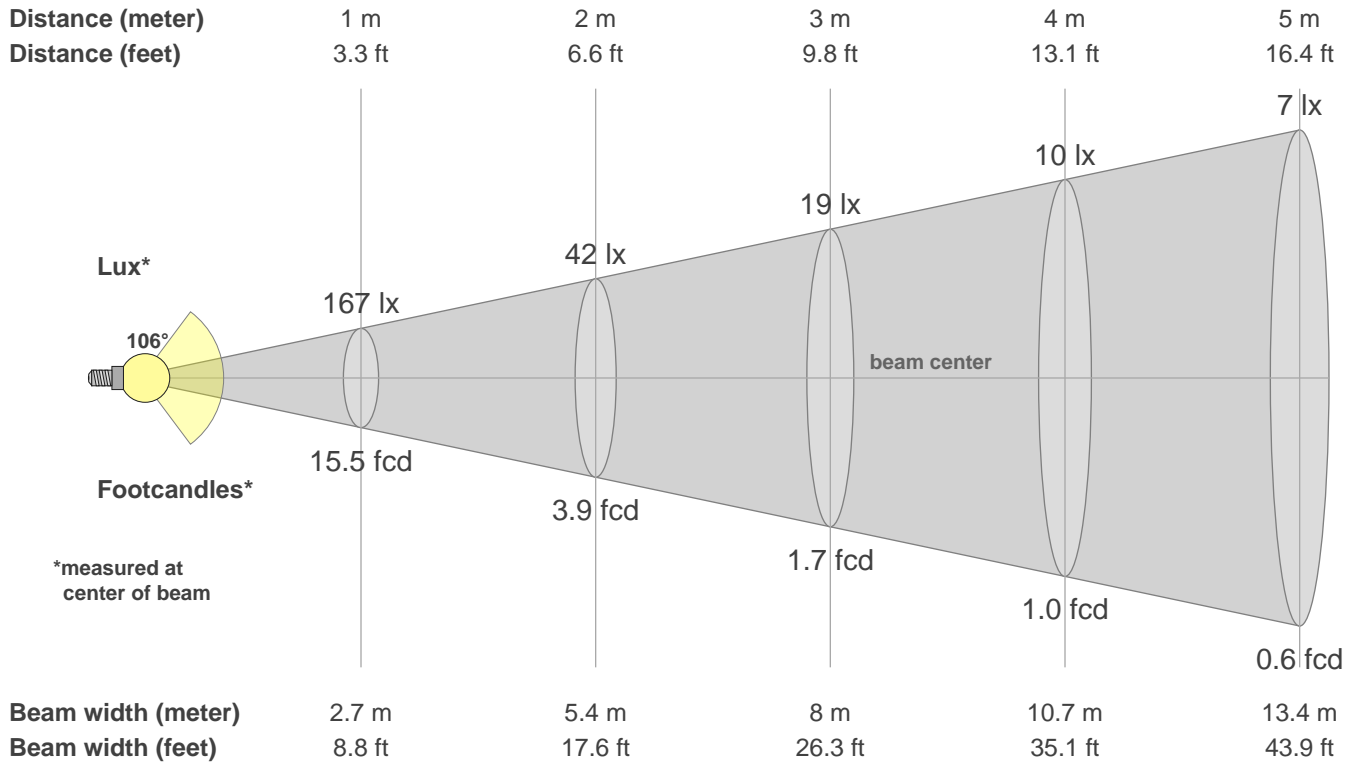
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.24	92.55	85.86	81.23	83.56	84.91	84.11	84.98	92.87	91.40	87.10	83.13	81.75	72.48	73.86

CQS: 82.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2716 K	83.4	10.6	85.3	95.0	82.6	0.5	0.4	0.3	0.3	-0.0020



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°
167	167	165	162	157	150	142	132	121	108	94	79	65	51	37	25	14	6	1	0
100%	100%	99%	97%	94%	90%	85%	79%	72%	64%	56%	47%	39%	30%	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°
167	167	165	162	157	150	143	135	124	112	99	84	68	52	39	28	20	14	10	8
100%	100%	99%	97%	94%	90%	85%	80%	74%	67%	59%	50%	41%	31%	23%	17%	12%	9%	6%	5%

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°
167	165	162	157	151	143	134	122	110	97	82	68	54	41	29	18	9	2	0	1
100%	99%	97%	94%	90%	85%	80%	73%	66%	58%	49%	41%	32%	25%	18%	11%	5%	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°
167	167	164	160	154	147	139	129	119	106	91	76	62	47	33	24	17	13	10	7
100%	100%	98%	96%	92%	88%	83%	77%	71%	63%	55%	46%	37%	28%	20%	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
106.4°	160.6°	190.7°	78.8%	54.8%