

# ECOSENSE®

# TROV Slim®

Light efficiency:

117 Lumen/Watt

Light quality:

CRI: 83.9

Color temperature:

3050 K

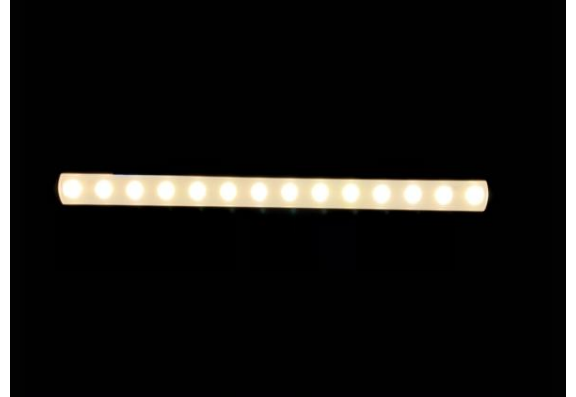
Output: 452 lm

Peak: 166 cd

Power: 3.9 W

PF: 0.97

8 PLANES



SKU:

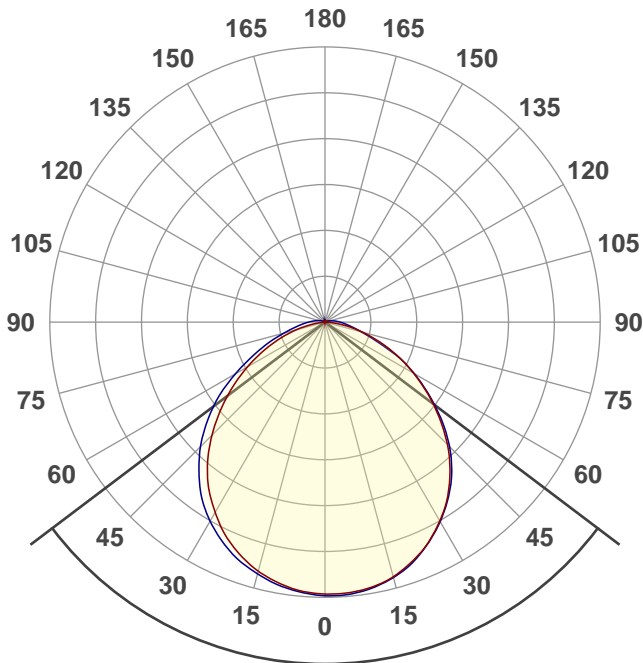
L30-I-12-04-30-80-MULT-120

Date and time:

11/3/2020 12:12:41 PM

Product name:

12" 3000K 80CRI 4Watt



Beam angle

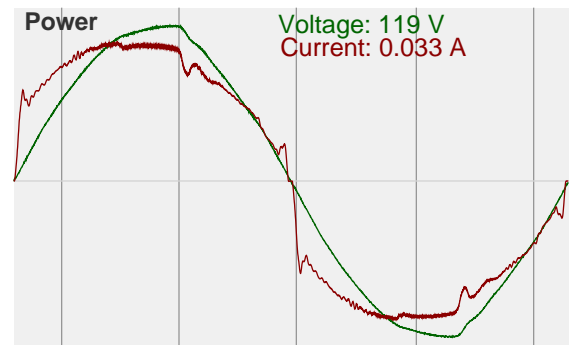
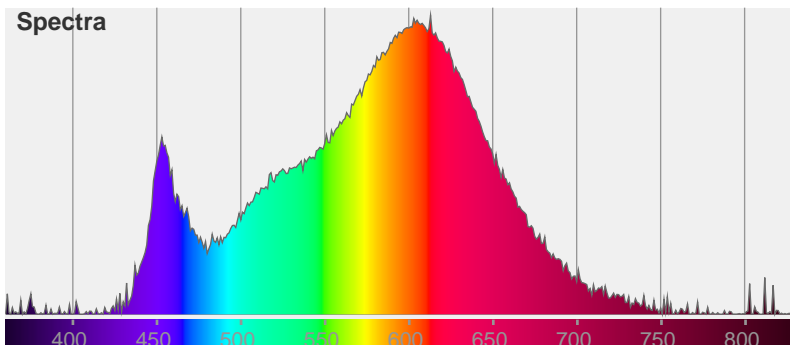
105.8°

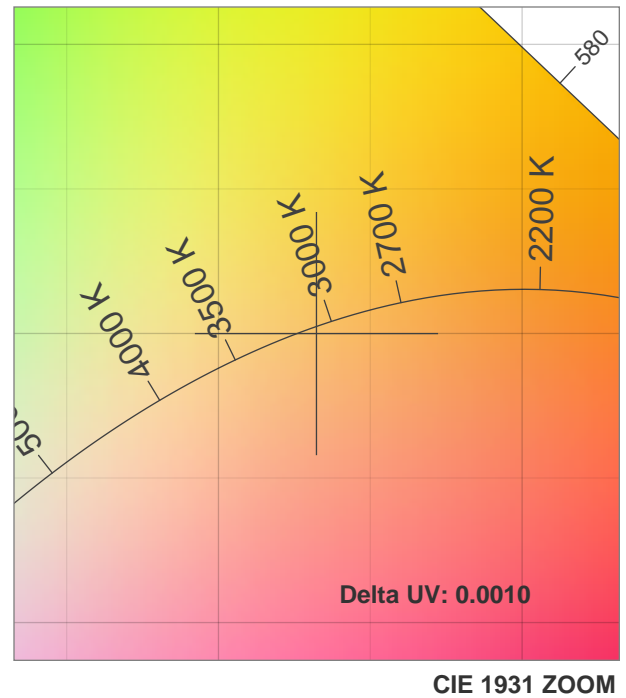
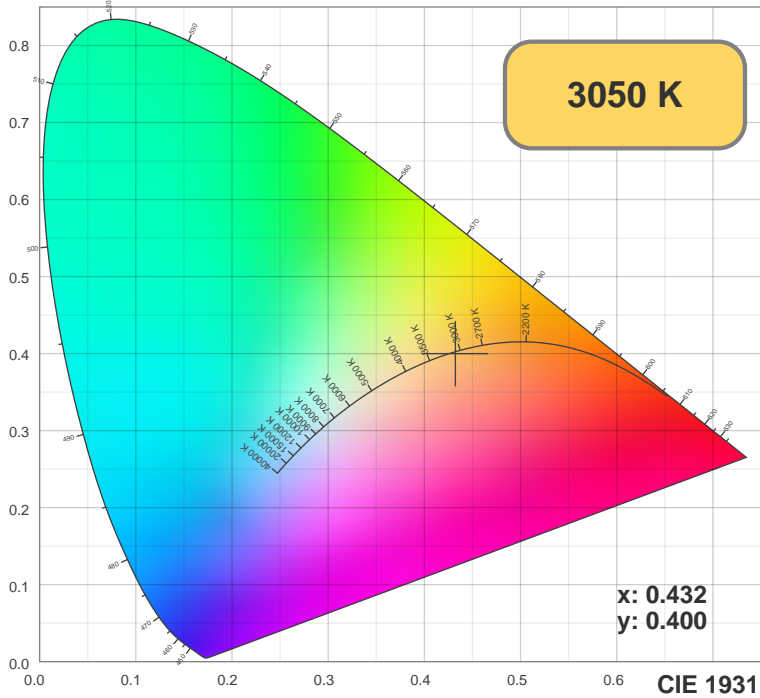
Color



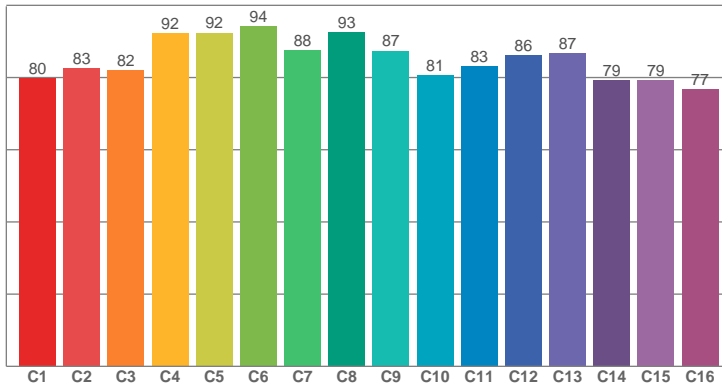
CIE1931  
x: 0.432  
y: 0.400

Spectra

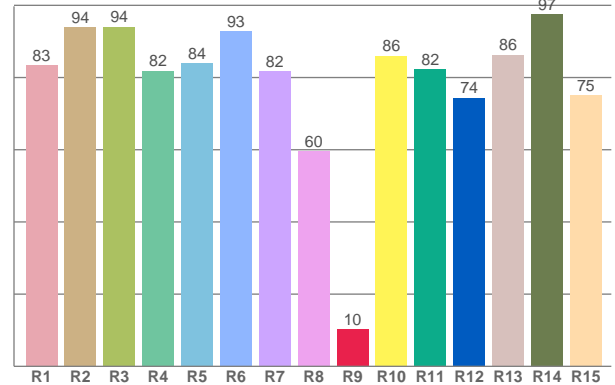




TM30: 85.3



CRI: 83.9 (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
83.43	93.85	94.01	81.84	83.88	92.83	81.67	59.55	10.29	86.05	82.22	74.31	86.32	97.46	75.02

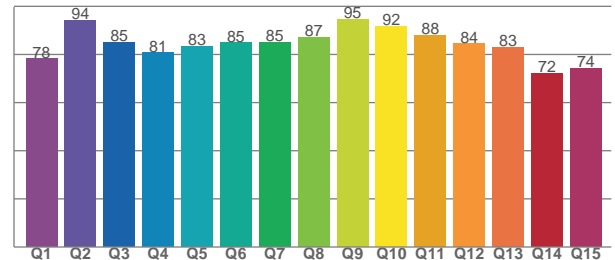
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.84	82.59	81.97	92.15	92.33	94.21	87.61	92.50	87.43	80.66	83.04	86.19	86.74	79.28	79.24	76.66

CQS Q values

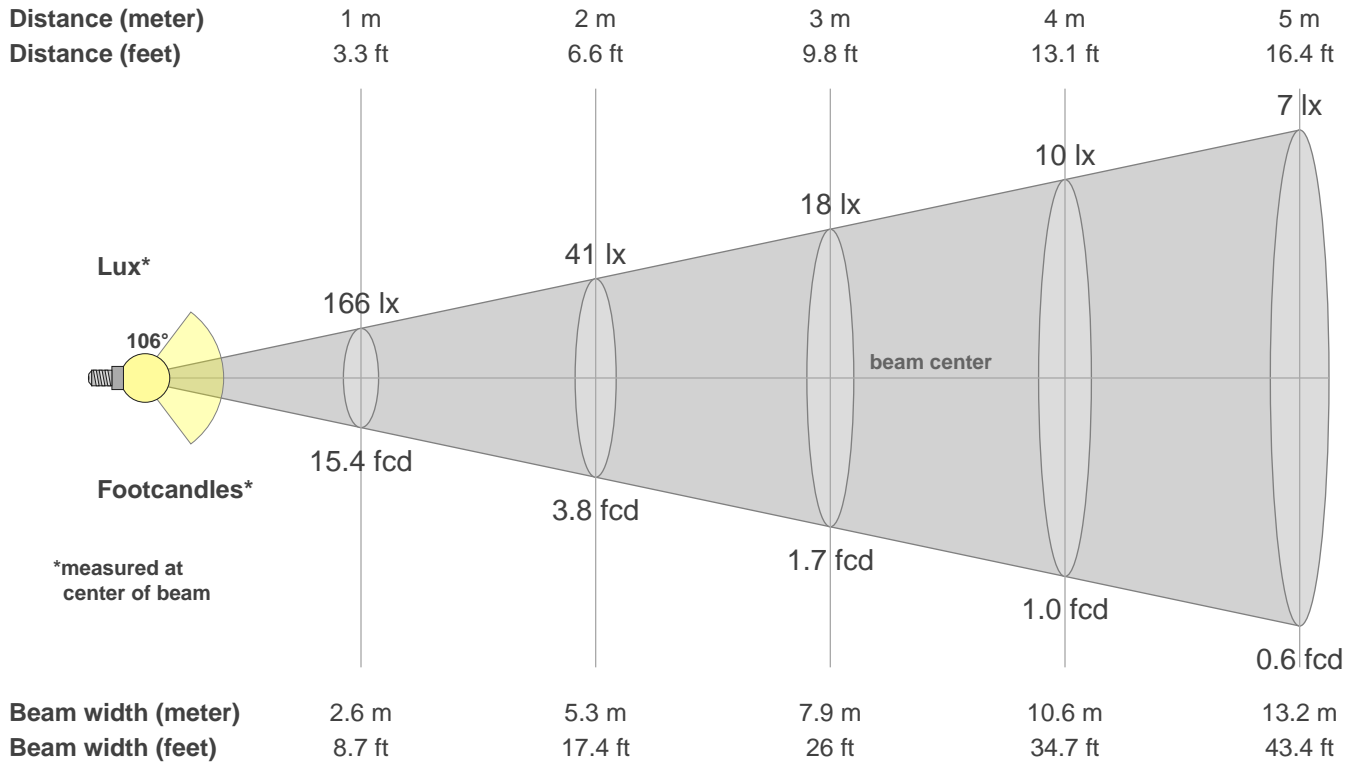
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.16	94.03	85.01	80.63	83.31	84.79	85.15	87.01	94.63	91.80	87.85	84.45	82.90	72.26	74.28

CQS: 83.1



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3050 K	83.9	10.3	85.3	94.7	83.1	0.4	0.4	0.2	0.3	-0.0010



## 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°
166	165	163	160	155	148	139	130	118	105	91	76	62	49	36	24	14	5	1	0
100%	100%	99%	97%	93%	89%	84%	78%	71%	63%	55%	46%	38%	29%	22%	14%	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°
166	166	164	161	155	148	140	130	120	107	92	77	63	48	33	23	17	12	9	7
100%	100%	99%	97%	94%	89%	84%	79%	72%	65%	56%	47%	38%	29%	20%	14%	10%	7%	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°
166	164	161	157	150	143	133	123	111	97	83	68	54	41	29	18	9	2	1	0
100%	99%	97%	95%	91%	86%	81%	74%	67%	59%	50%	41%	33%	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°
166	165	162	158	154	147	140	130	119	107	93	79	63	48	36	26	19	14	10	7
100%	99%	98%	96%	93%	89%	84%	79%	72%	65%	56%	48%	38%	29%	22%	16%	11%	8%	6%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105.8°	160.1°	190.0°	79.2%	55.2%