

ECOSENSE®

TROV Slim®

Light efficiency:

99 Lumen/Watt

Light quality:

CRI: 82.6

Color temperature:

2738 K

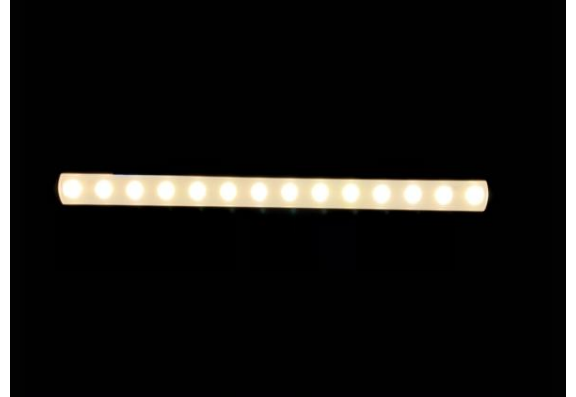
Output: 753 lm

Peak: 276 cd

Power: 7.6 W

PF: 0.98

8 PLANES



SKU:

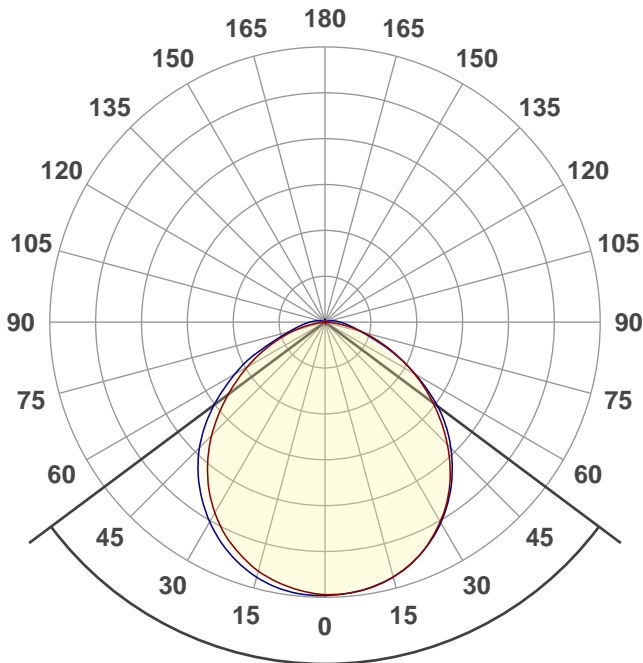
L30-I-12-08-27-80-MULT-120

Date and time:

11/2/2020 2:14:55 PM

Product name:

12" 2700K 80CRI 8Watt



Beam angle

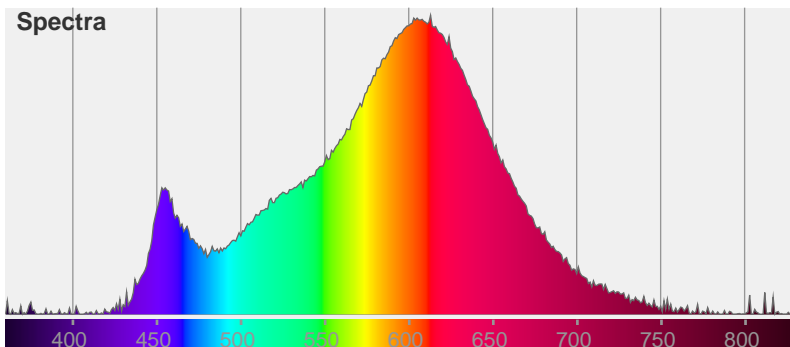
106.5°

Color



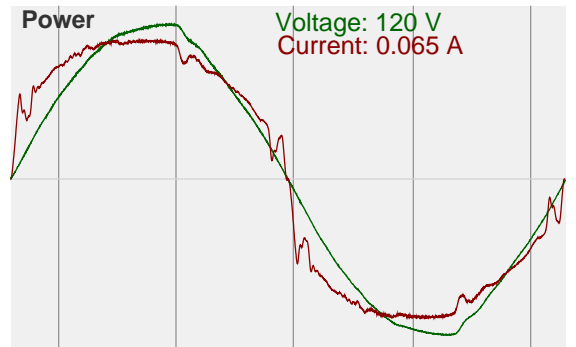
CIE1931
x: 0.454
y: 0.404

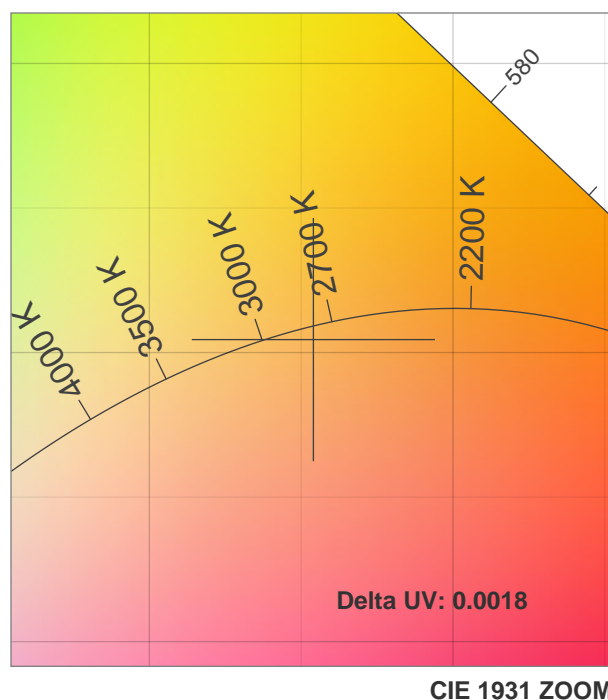
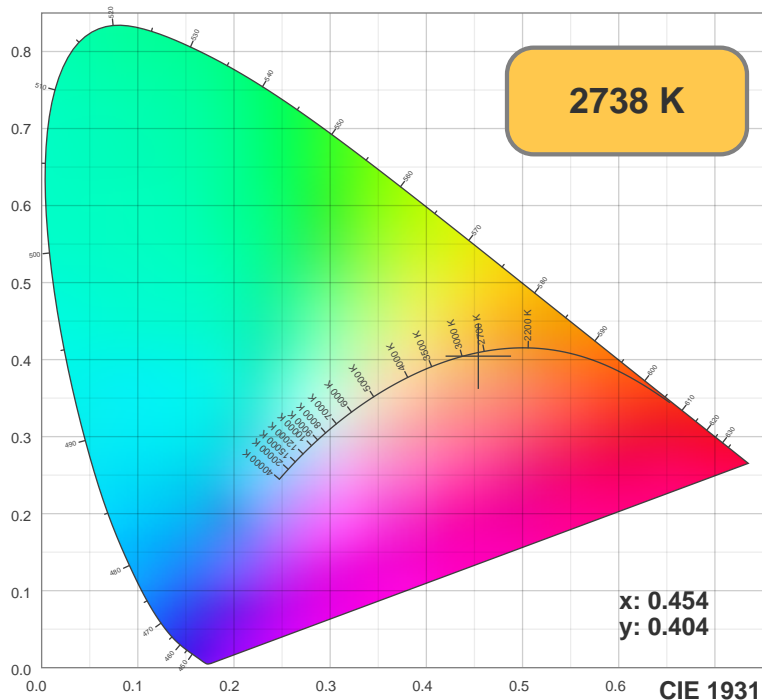
Spectra



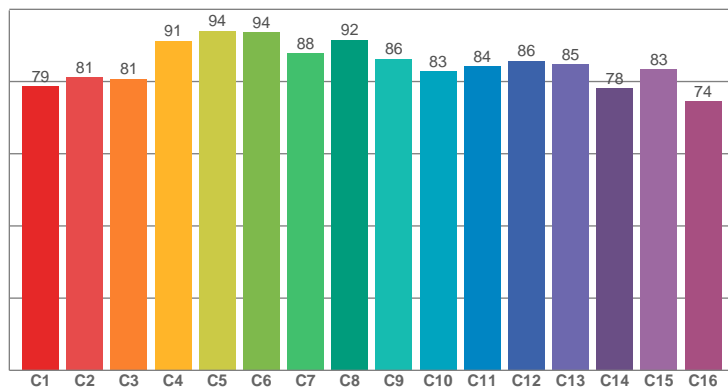
Power

Voltage: 120 V
Current: 0.065 A

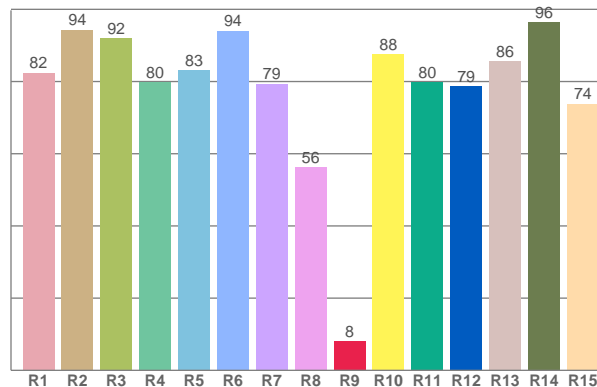




TM30: 84.8



CRI: 82.6 (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
82.41	94.36	91.90	79.79	83.06	94.05	79.32	56.29	7.96	87.57	79.84	78.64	85.64	96.32	73.80

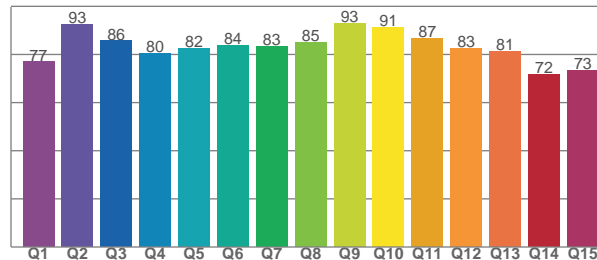
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78.67	81.19	80.68	91.29	94.00	93.56	87.84	91.59	86.25	82.80	84.23	85.71	84.78	78.09	83.37	74.45

CQS Q values

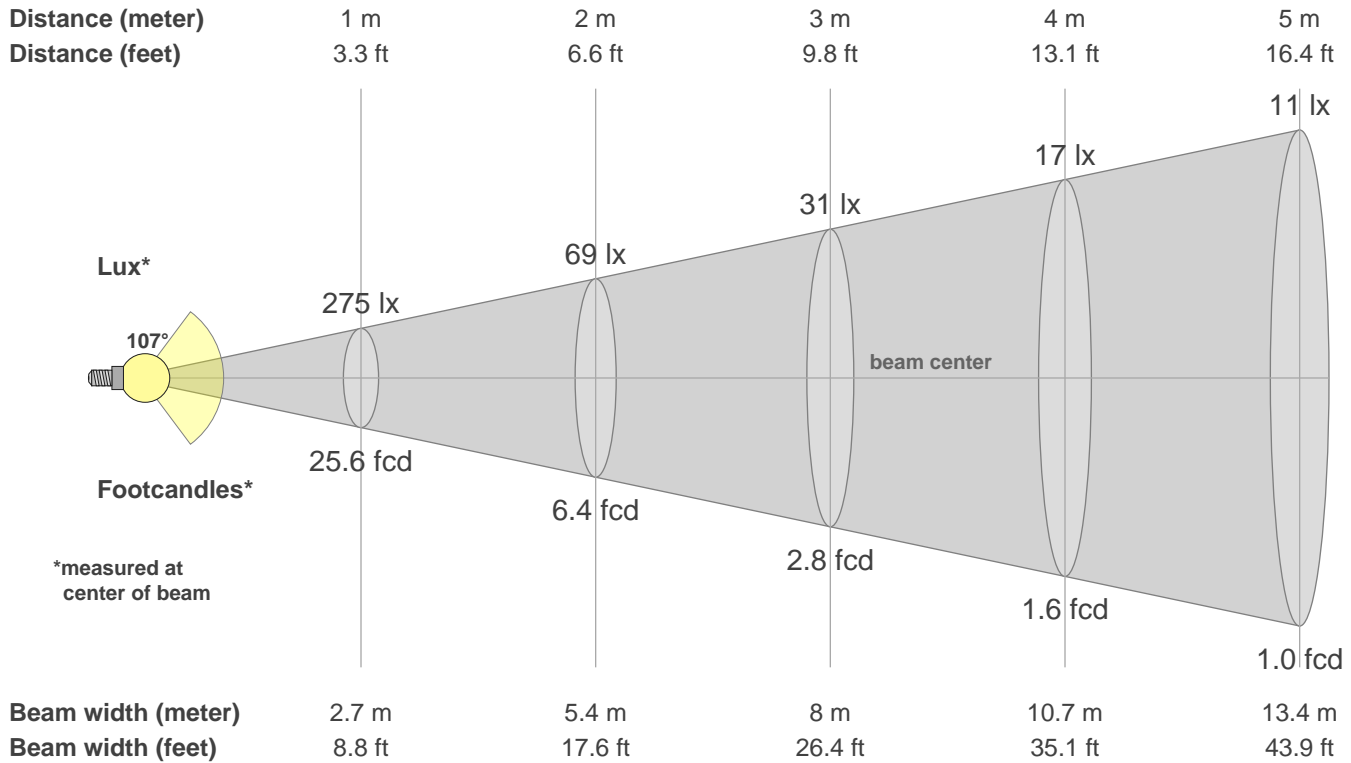
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
76.92	92.57	85.69	80.35	82.44	83.73	83.39	84.89	92.92	91.32	86.74	82.68	81.25	71.68	73.28

CQS: 82.1



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2738 K	82.6	8.0	84.8	94.4	82.1	0.5	0.4	0.3	0.3	-0.0018



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°
275	275	272	266	258	247	232	216	197	175	152	128	104	81	60	40	23	9	2	1
100%	100%	99%	97%	94%	90%	84%	78%	71%	63%	55%	46%	38%	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°
275	275	271	266	258	247	234	218	200	180	158	132	106	80	56	39	28	21	16	11
100%	100%	99%	97%	94%	90%	85%	79%	72%	65%	57%	48%	38%	29%	20%	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°
275	272	267	260	250	238	222	205	184	162	138	114	91	69	49	31	16	5	1	0
100%	99%	97%	94%	91%	86%	81%	74%	67%	59%	50%	41%	33%	25%	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°
275	276	273	267	258	247	233	217	199	179	156	131	105	80	55	38	28	21	16	11
100%	100%	99%	97%	94%	90%	85%	79%	72%	65%	57%	47%	38%	29%	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
106.5°	159.4°	189.6°	79.6%	55.4%