

ECOSENSE®

TROV Slim®

Light efficiency:

105 Lumen/Watt

Light quality:

CRI: 94.5

Color temperature:

4083 K

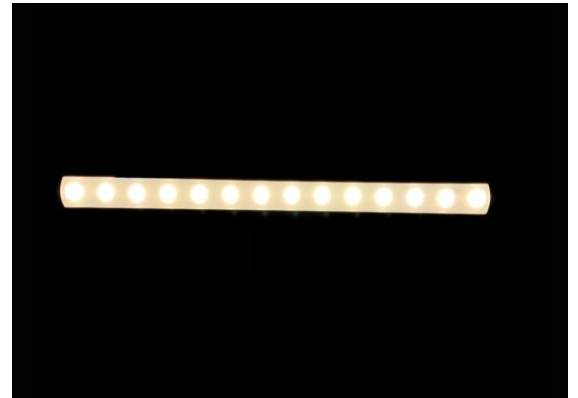
Output: 441 lm

Peak: 162 cd

Power: 4.2 W

PF: 0.98

8 PLANES



SKU:

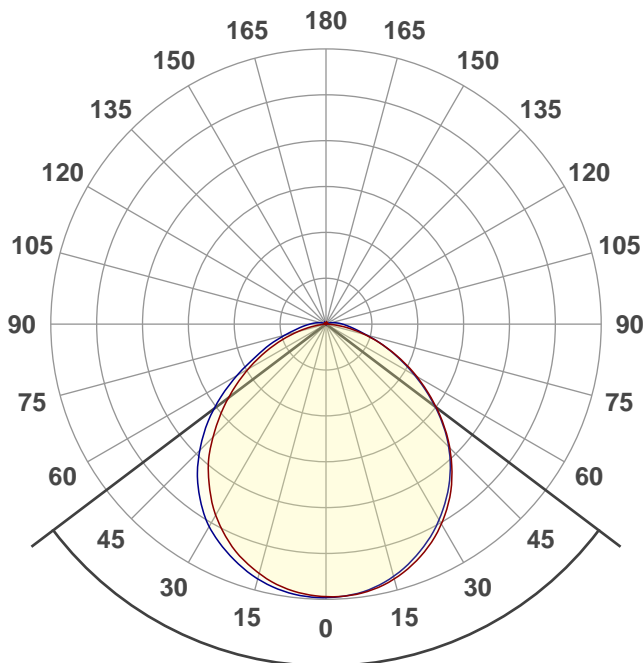
L30-I-12-04-40-90-MULT-120

Date and time:

11/3/2020 10:17:35 AM

Product name:

12" 4000K 90CRI 4Watt



Beam angle

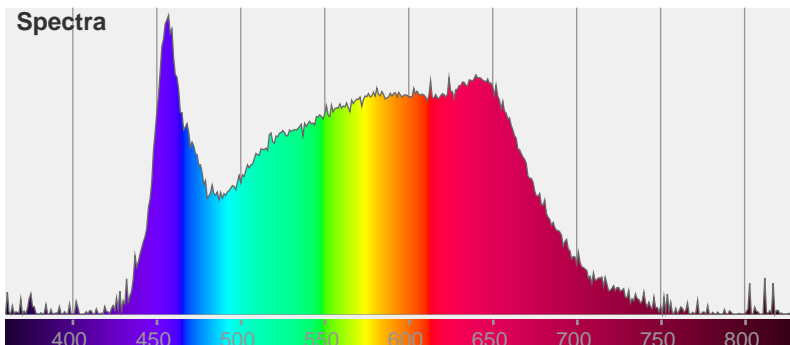
105.8°

Color



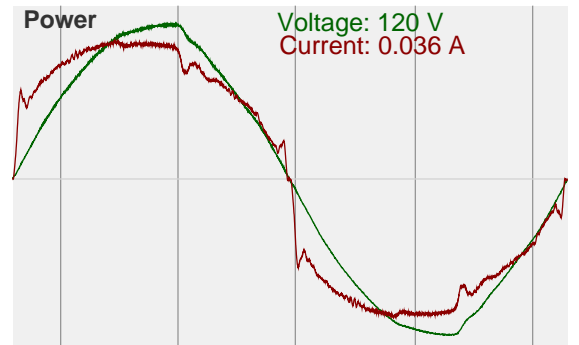
CIE1931
x: 0.377
y: 0.375

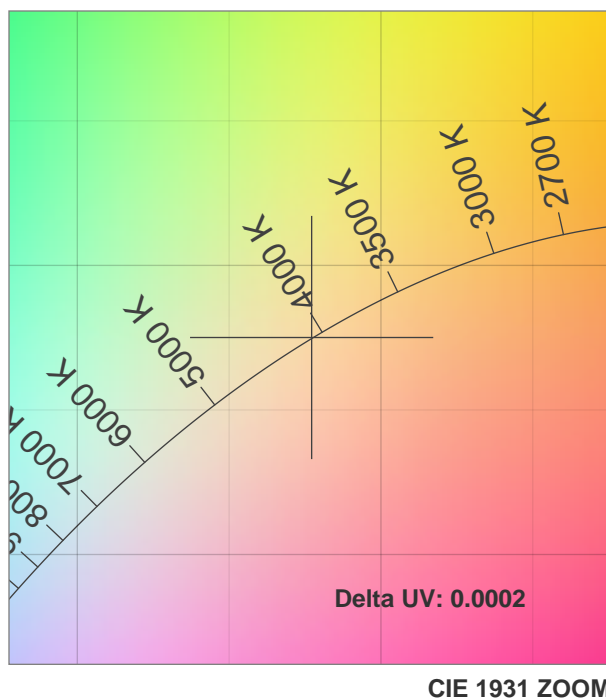
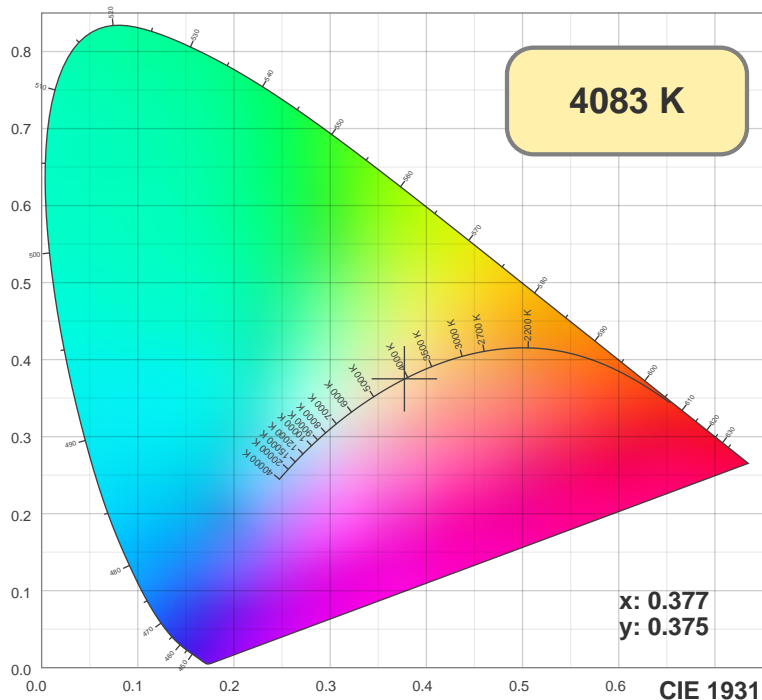
Spectra



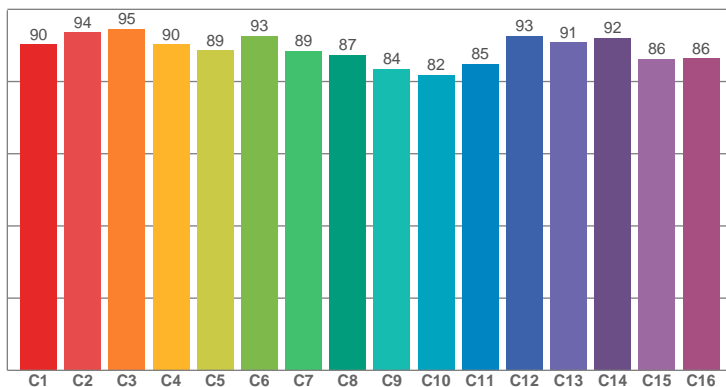
Power

Voltage: 120 V
Current: 0.036 A

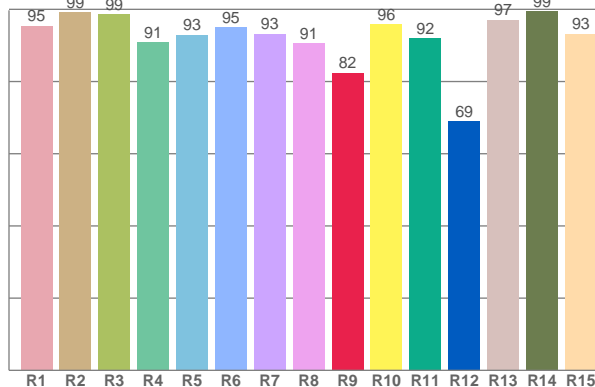




TM30: 88.8



CRI: 94.5 (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
95.39	99.09	98.63	90.86	92.88	95.09	93.25	90.58	82.45	95.88	91.91	68.98	97.09	99.43	93.21

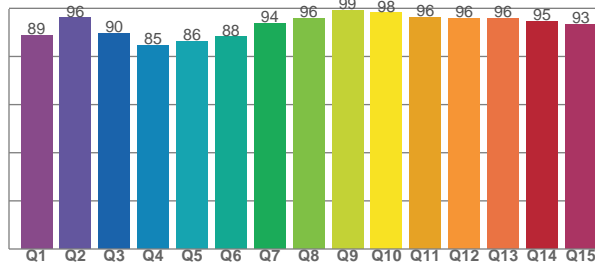
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.25	93.67	94.62	90.37	88.62	92.69	88.51	87.35	83.51	81.81	84.87	92.60	90.85	92.14	86.32	86.44

CQS Q values

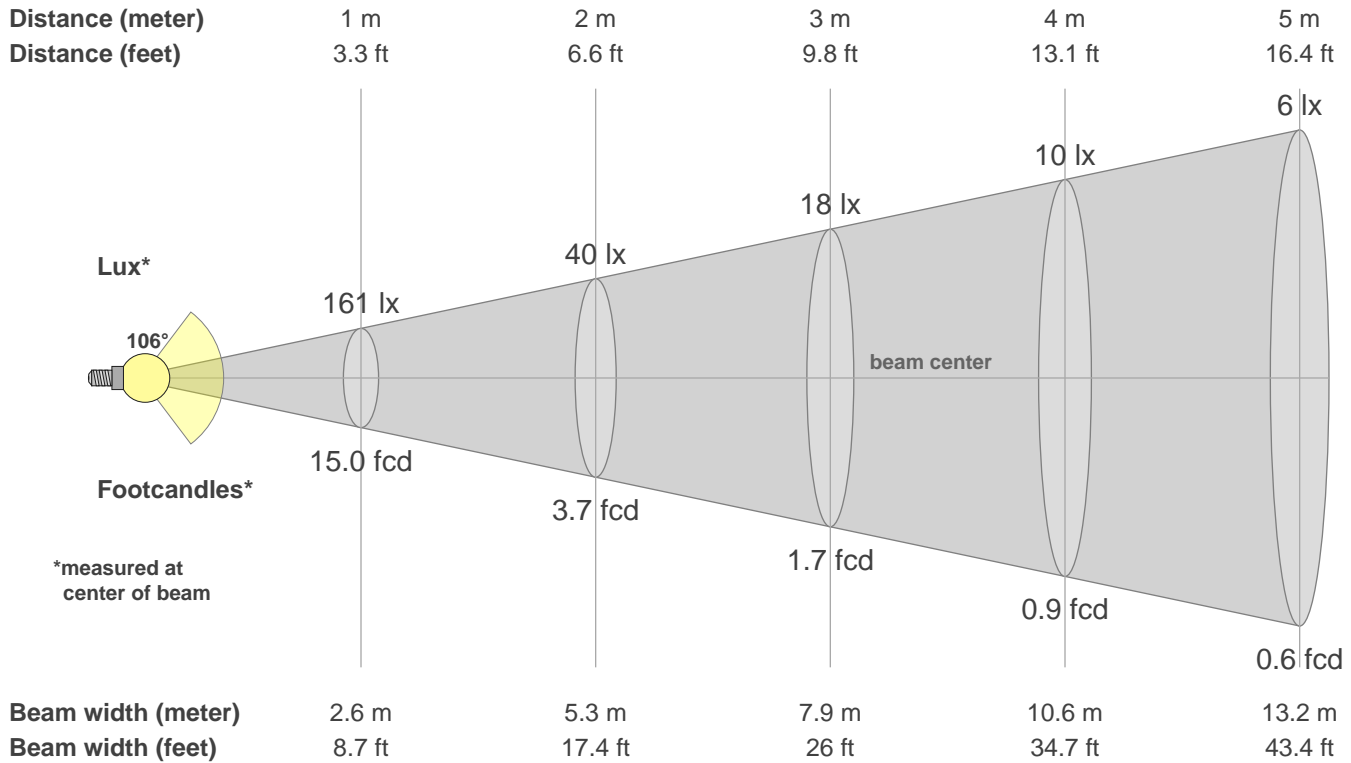
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.63	96.02	89.62	84.57	86.39	88.13	93.67	95.96	99.04	98.09	96.18	95.90	95.90	94.71	93.25

CQS: 91.8



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4083 K	94.5	82.4	88.8	96.1	91.8	0.4	0.4	0.2	0.3	0.0002



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°
161	161	159	156	151	144	136	127	116	103	90	76	62	48	36	24	14	5	1	0
100%	100%	99%	97%	93%	89%	84%	79%	72%	64%	56%	47%	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°
161	161	158	154	149	142	134	124	114	102	89	75	61	47	36	25	18	13	10	7
100%	100%	98%	96%	92%	88%	83%	77%	71%	64%	55%	46%	38%	29%	22%	16%	11%	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°
161	160	157	153	147	139	130	120	108	94	80	67	53	40	28	17	9	2	0	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°
161	161	159	156	151	145	138	129	118	105	92	77	61	46	35	25	18	13	10	7
100%	100%	99%	97%	94%	90%	86%	80%	73%	65%	57%	47%	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°	160.8°	190.5°	78.9%	55.0%