

# ECOSENSE®

# TROV Slim®

Light efficiency:

**99 Lumen/Watt**

Light quality:

**CRI: 92.8**

Color temperature:

**2697 K**

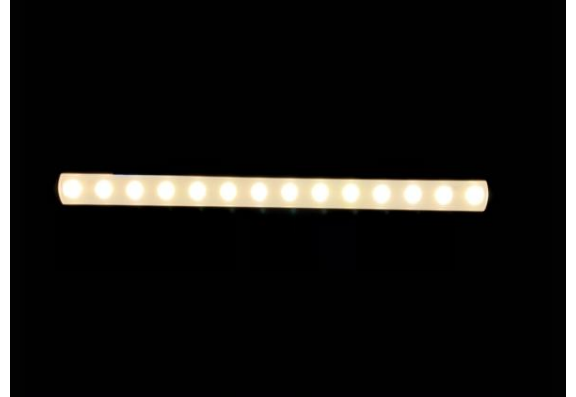
**Output: 384 lm**

**Peak: 142 cd**

**Power: 3.9 W**

**PF: 0.97**

8 PLANES



SKU:

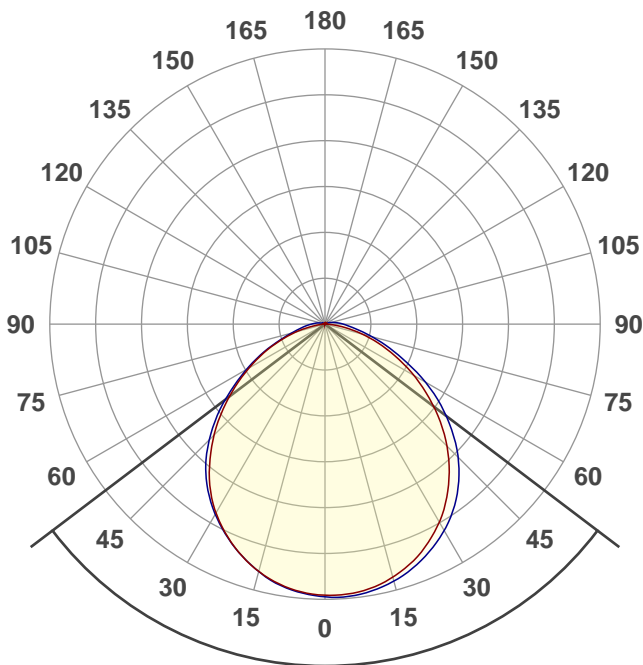
**L30-I-12-04-27-90-MULT-120**

Date and time:

**11/2/2020 12:01:44 PM**

Product name:

**12" 2700K 90CRI 4Watt**



Beam angle

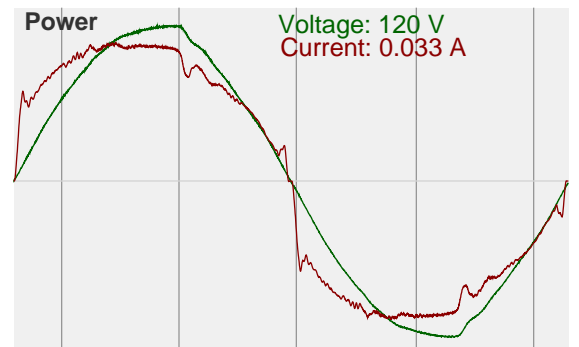
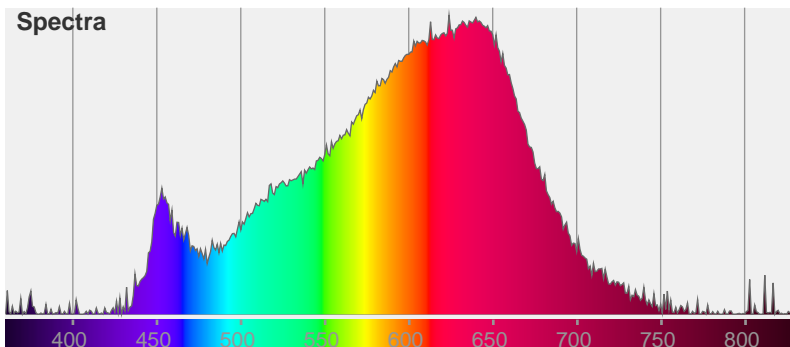
**105.7°**

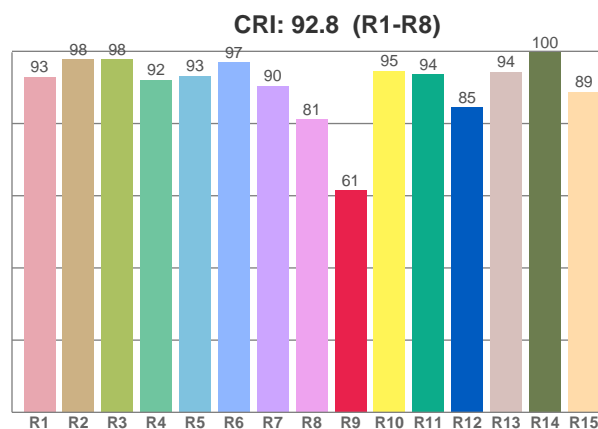
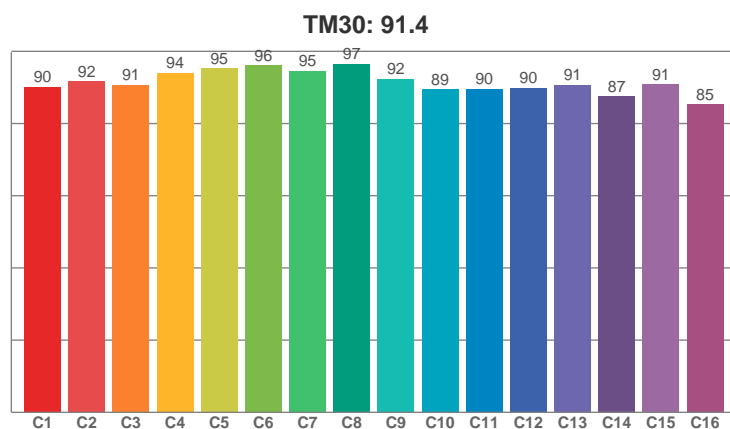
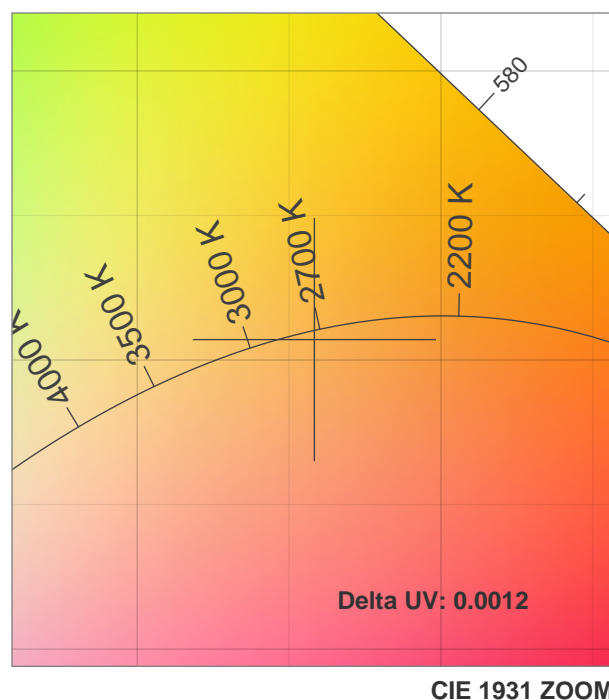
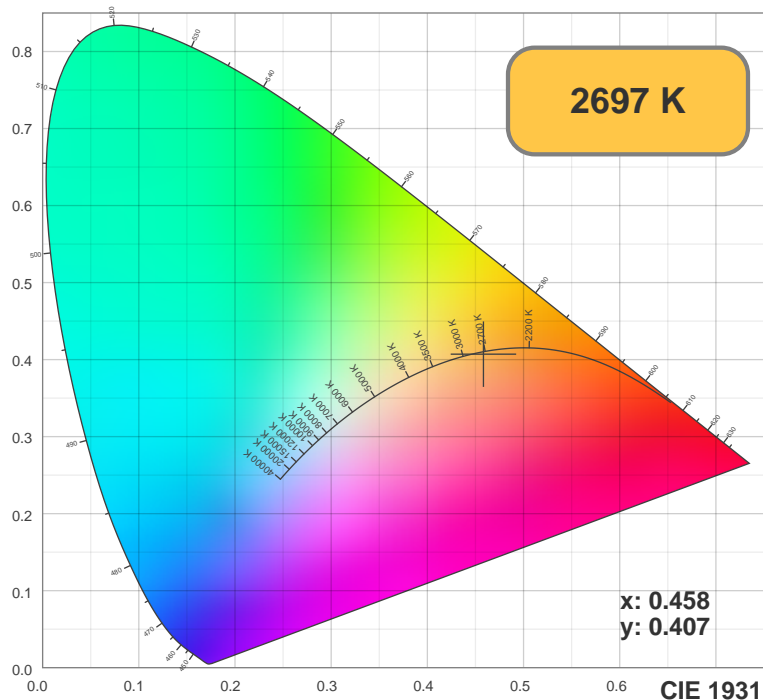
Color



CIE1931  
x: 0.458  
y: 0.407

Spectra





CRI R values, only R1-R8 are used to calculate final CRI value

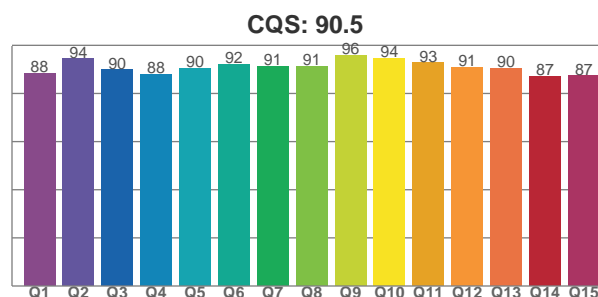
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.90	97.74	97.75	92.06	93.26	96.90	90.44	81.20	61.45	94.58	93.68	84.51	94.32	99.68	88.79

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
90.11	91.63	90.74	94.09	95.29	96.15	94.60	96.53	92.32	89.38	89.62	89.88	90.72	87.45	90.92	85.32

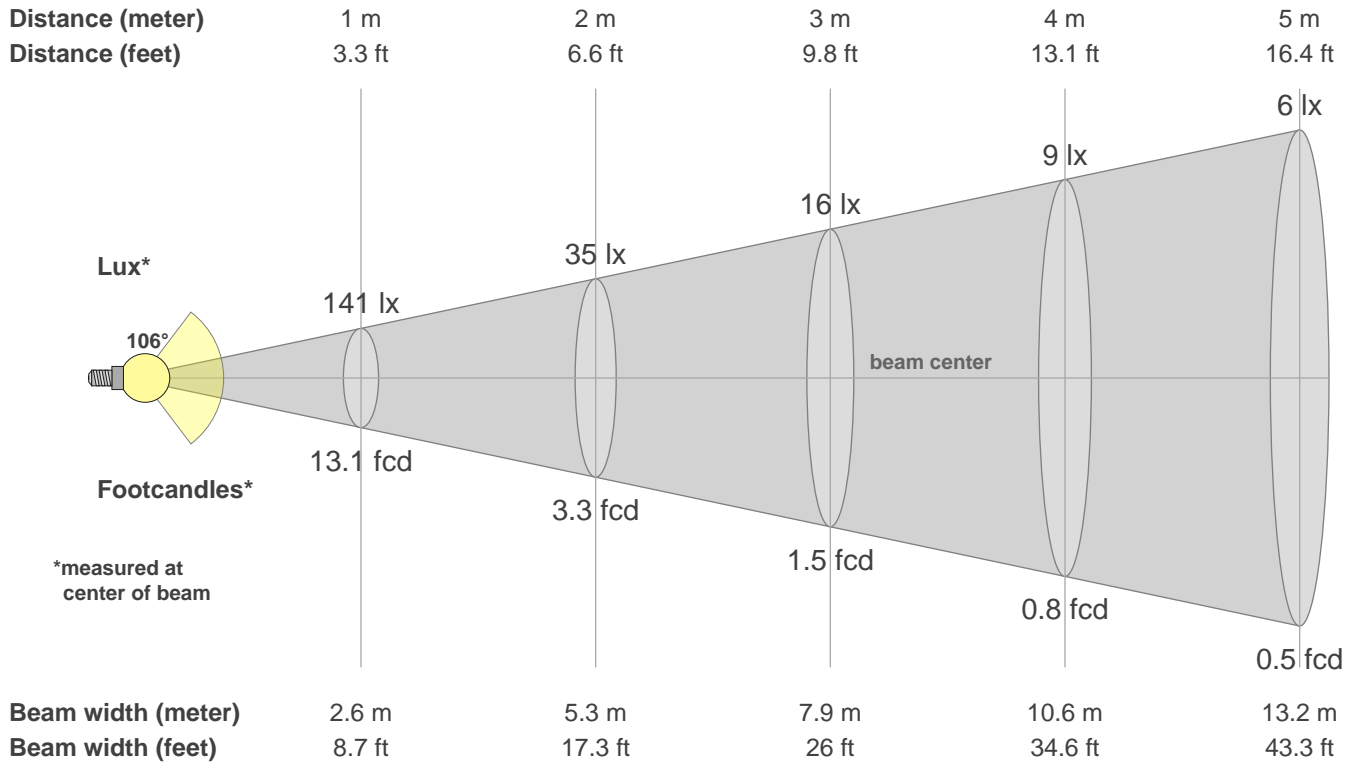
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.26	94.39	89.84	88.01	90.47	92.06	91.24	91.13	95.68	94.45	92.67	90.94	90.42	87.02	87.35



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2697 K	92.8	61.5	91.4	98.5	90.5	0.5	0.4	0.3	0.4	-0.0012



## 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°
141	140	139	135	131	125	118	110	100	89	78	65	53	41	30	20	11	4	1	0
100%	100%	99%	96%	93%	89%	84%	78%	71%	63%	55%	46%	38%	29%	21%	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°
141	141	140	138	134	129	123	116	107	97	86	73	60	47	35	25	18	13	9	7
100%	101%	100%	98%	95%	92%	88%	83%	76%	69%	61%	52%	43%	33%	25%	18%	13%	9%	7%	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°
141	139	136	132	127	120	113	103	93	81	69	57	45	35	24	15	7	2	0	0
100%	99%	97%	94%	90%	86%	80%	74%	66%	58%	49%	41%	32%	25%	17%	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°
141	140	137	132	127	121	114	105	96	85	72	59	47	36	26	18	13	10	7	5
100%	99%	97%	94%	90%	86%	81%	75%	68%	60%	51%	42%	33%	26%	18%	13%	9%	7%	5%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105.7°	160.2°	189.8°	78.9%	55.0%