

ECOSENSE[®]

Light efficiency:

158 Lumen/Watt

Light quality:

CRI: 84.1

Color temperature:

4182 K

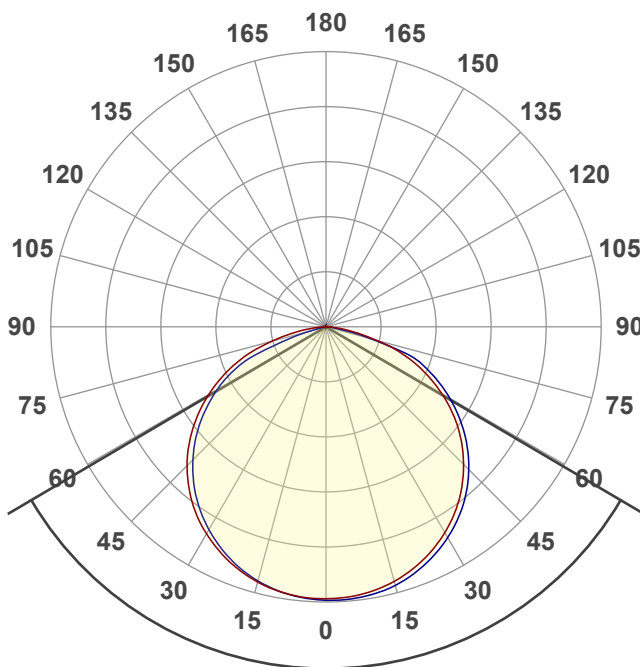
Output: 2765 lm

Peak: 924 cd

Power: 17.5 W

PF: 0.99

4 PLANES



Beam angle

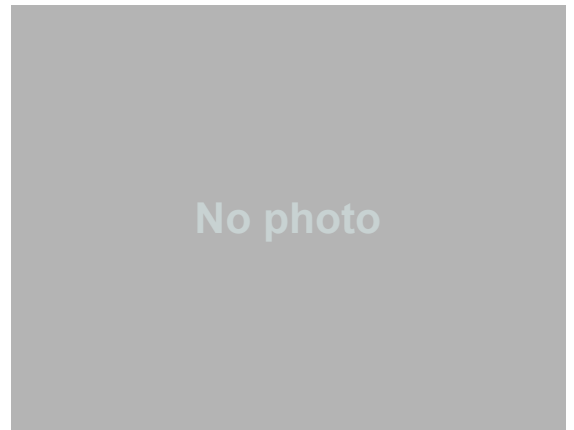
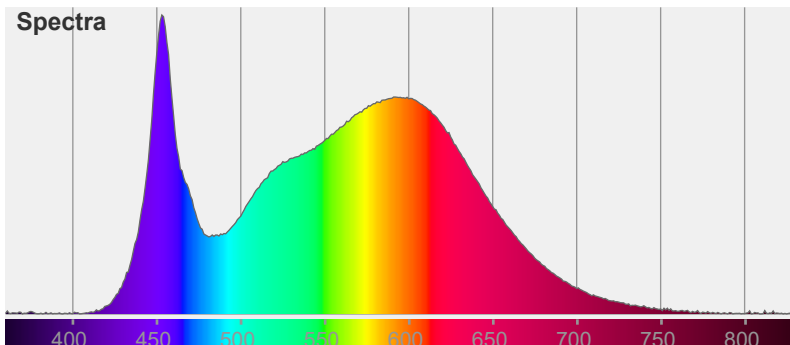
119.1°

Color



CIE1931
x: 0.371
y: 0.365

Spectra



SKU:

**20230605 L45 APC-000363-04 #1
APC-341-01 #9 4080 18W**

Date and time:

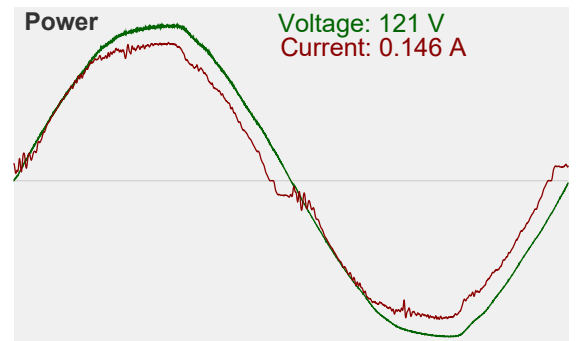
6/5/2023 4:15:48 PM

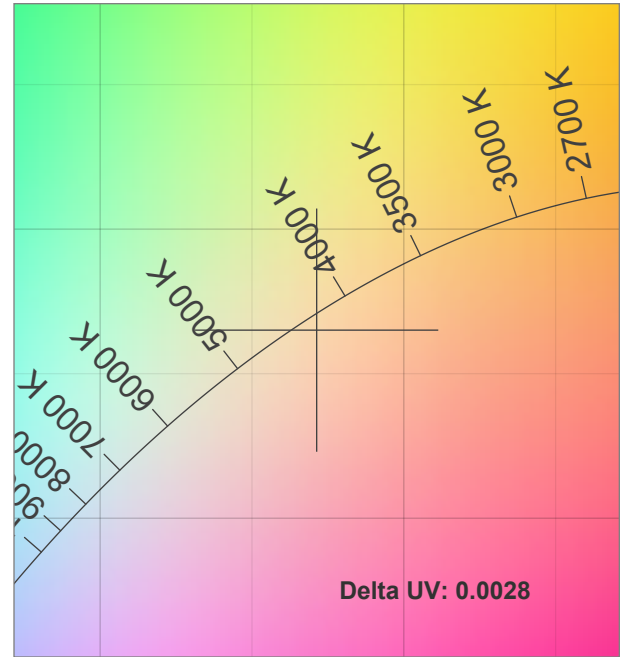
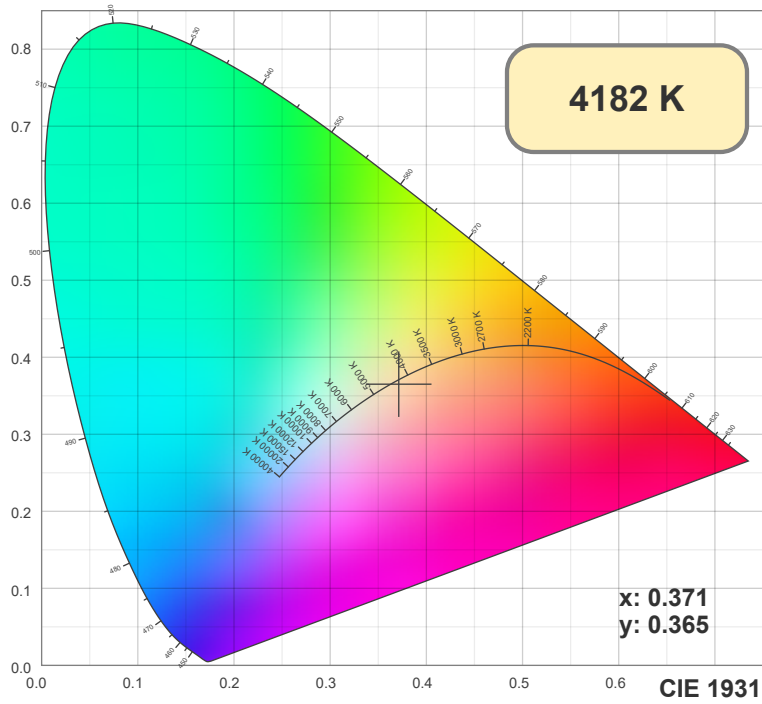
Product name:

TROV 2 PHASE 1

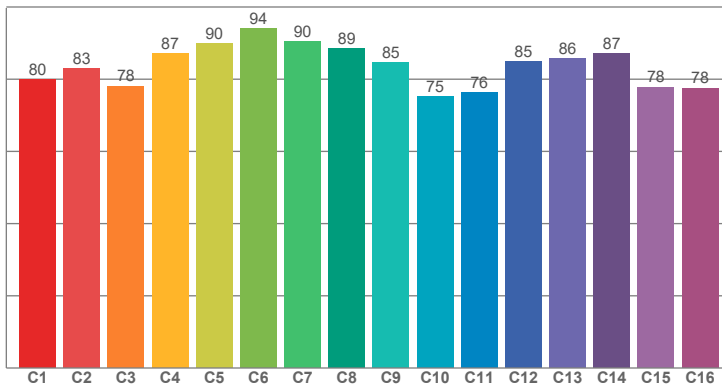
Operator:

ELIZABETH RODGERS

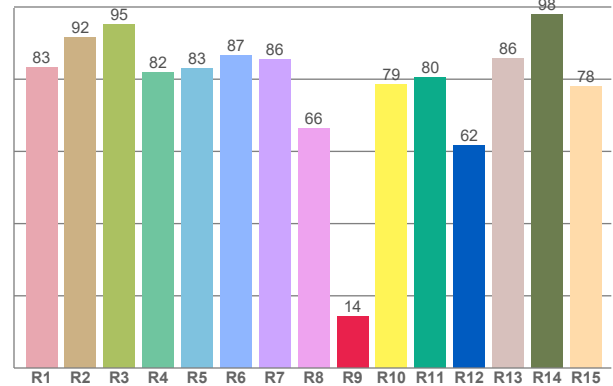




TM30: 83.4



CRI: 84.1 (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
83.29	91.54	95.13	81.89	82.83	86.58	85.53	66.22	14.28	78.56	80.49	61.57	85.77	97.80	77.86

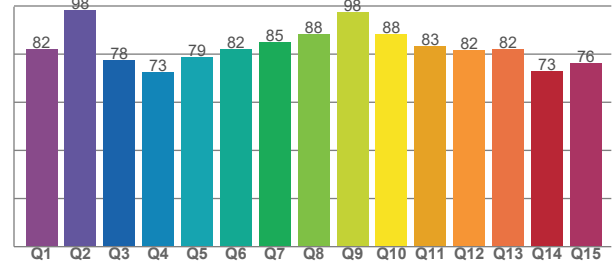
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.82	82.88	78.10	87.15	89.88	94.12	90.42	88.54	84.65	75.22	76.38	84.87	85.67	87.23	77.84	77.55

CQS Q values

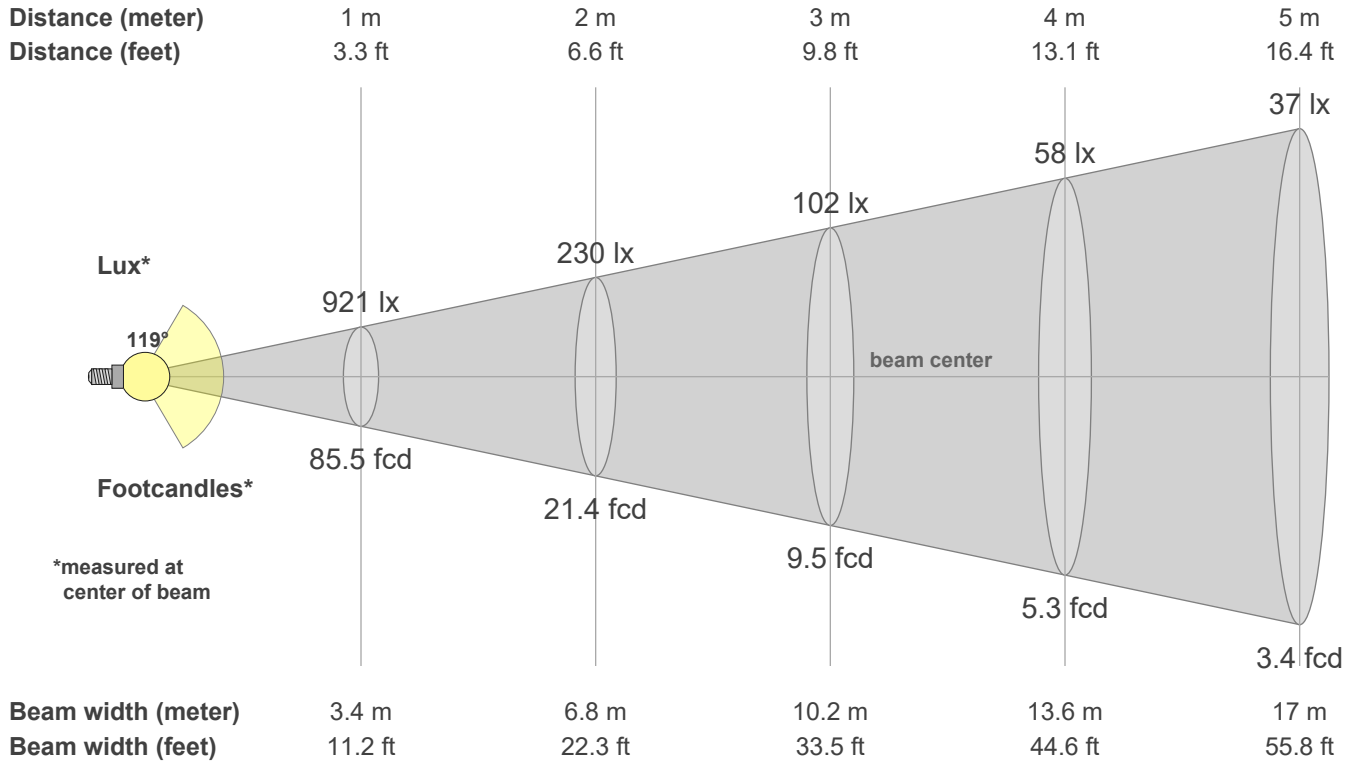
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.99	98.28	77.50	72.54	78.56	81.87	85.13	88.40	97.58	88.17	83.48	81.83	81.89	72.92	76.29

CQS: 81.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4182 K	84.1	14.3	83.4	95.1	81.6	0.4	0.4	0.2	0.3	-0.0028



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°
921	916	906	891	868	839	803	761	713	657	596	527	452	370	282	182	92	34	6	1
100%	99%	98%	97%	94%	91%	87%	83%	77%	71%	65%	57%	49%	40%	31%	20%	10%	4%	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°
921	923	917	904	883	855	822	782	735	682	621	555	483	406	319	165	50	16	3	1
100%	100%	100%	98%	96%	93%	89%	85%	80%	74%	67%	60%	52%	44%	35%	18%	5%	2%	0%	0%

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°
921	917	908	892	870	842	807	766	718	663	601	532	457	377	291	192	105	38	4	1
100%	100%	99%	97%	94%	91%	88%	83%	78%	72%	65%	58%	50%	41%	32%	21%	11%	4%	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°
921	919	907	889	863	830	791	746	694	636	571	500	423	334	202	69	18	6	1	1
100%	100%	99%	97%	94%	90%	86%	81%	75%	69%	62%	54%	46%	36%	22%	8%	2%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
119.1°	157.1°	167.2°	79.1%	52.8%