

ECOSENSE[®]

Light efficiency:

157 Lumen/Watt

Light quality:

CRI: 84.3

Color temperature:

7202 K

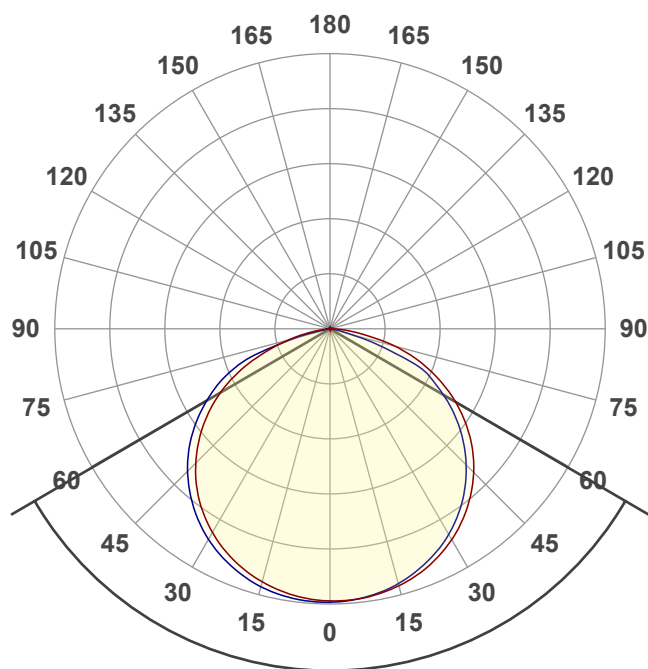
Output: 2786 lm

Peak: 929 cd

Power: 17.7 W

PF: 0.99

4 PLANES



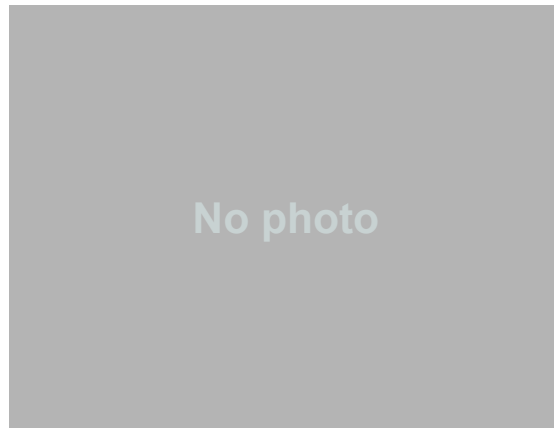
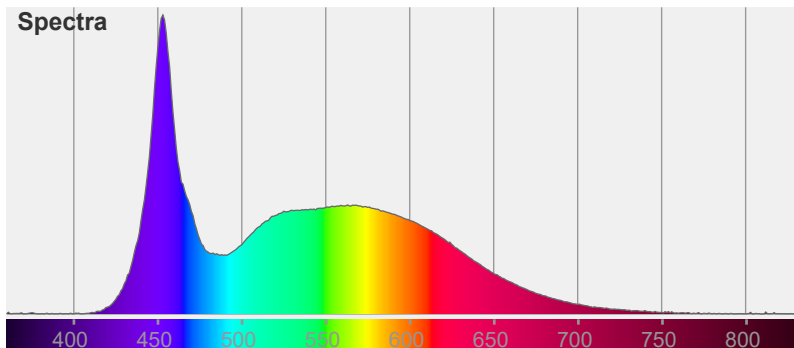
Beam angle

119.5°

Color

CIE1931
x: 0.304
y: 0.314

Spectra



SKU:

**20230606 L45 APC-000363-06 #6
APC-341-01 #9 6580 18W**

Date and time:

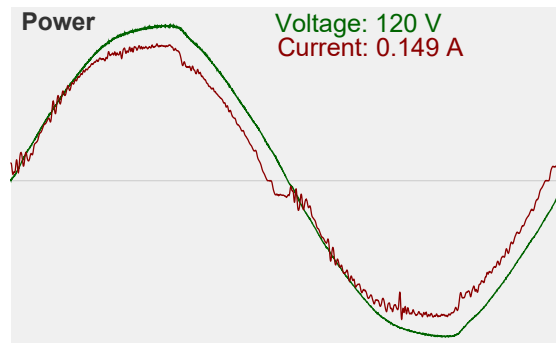
6/6/2023 5:37:53 PM

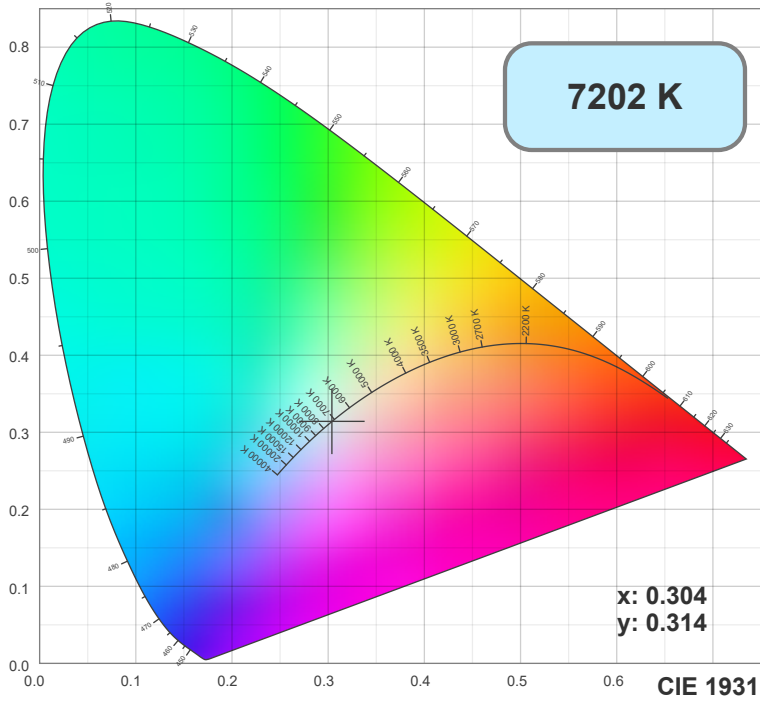
Product name:

TROV 2 PHASE 1

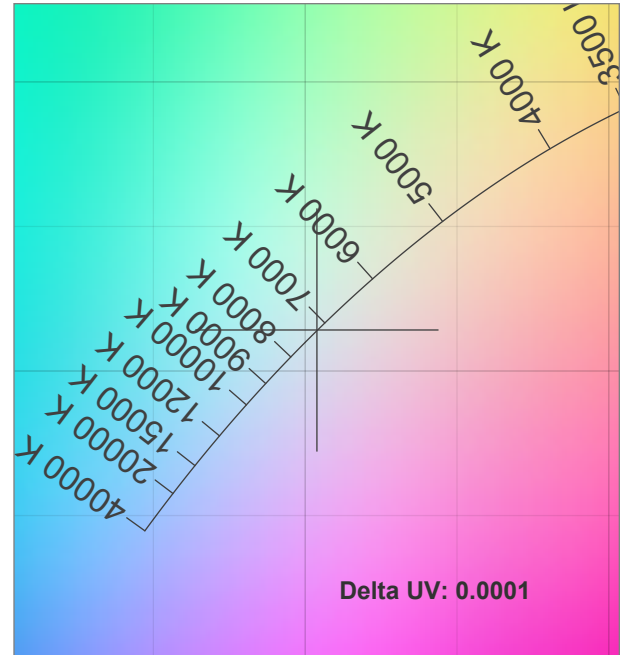
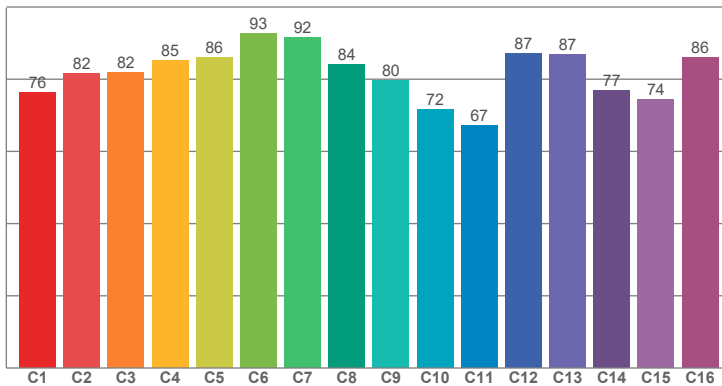
Operator:

ELIZABETH RODGERS

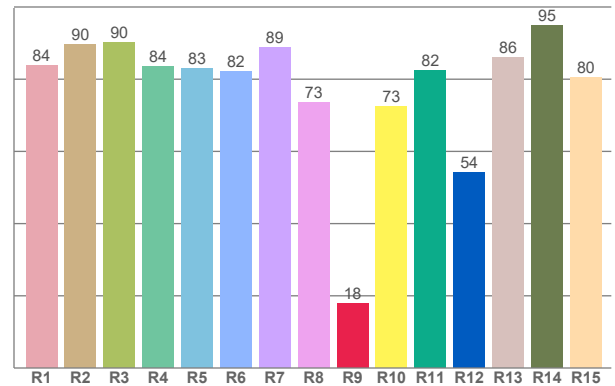




TM30: 82.1



CRI: 84.3 (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
83.74	89.56	90.26	83.55	82.96	82.13	88.90	73.46	17.93	72.52	82.46	54.13	86.11	94.92	80.45

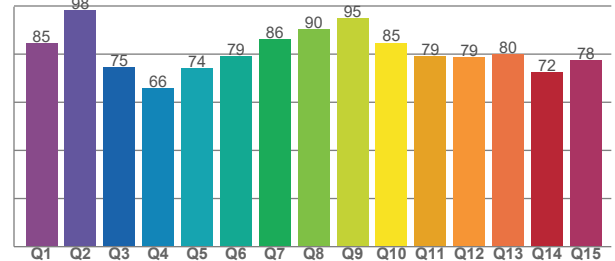
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76.22	81.57	81.74	85.16	85.95	92.69	91.52	84.09	79.75	71.60	67.12	87.12	86.91	76.94	74.24	86.12

CQS Q values

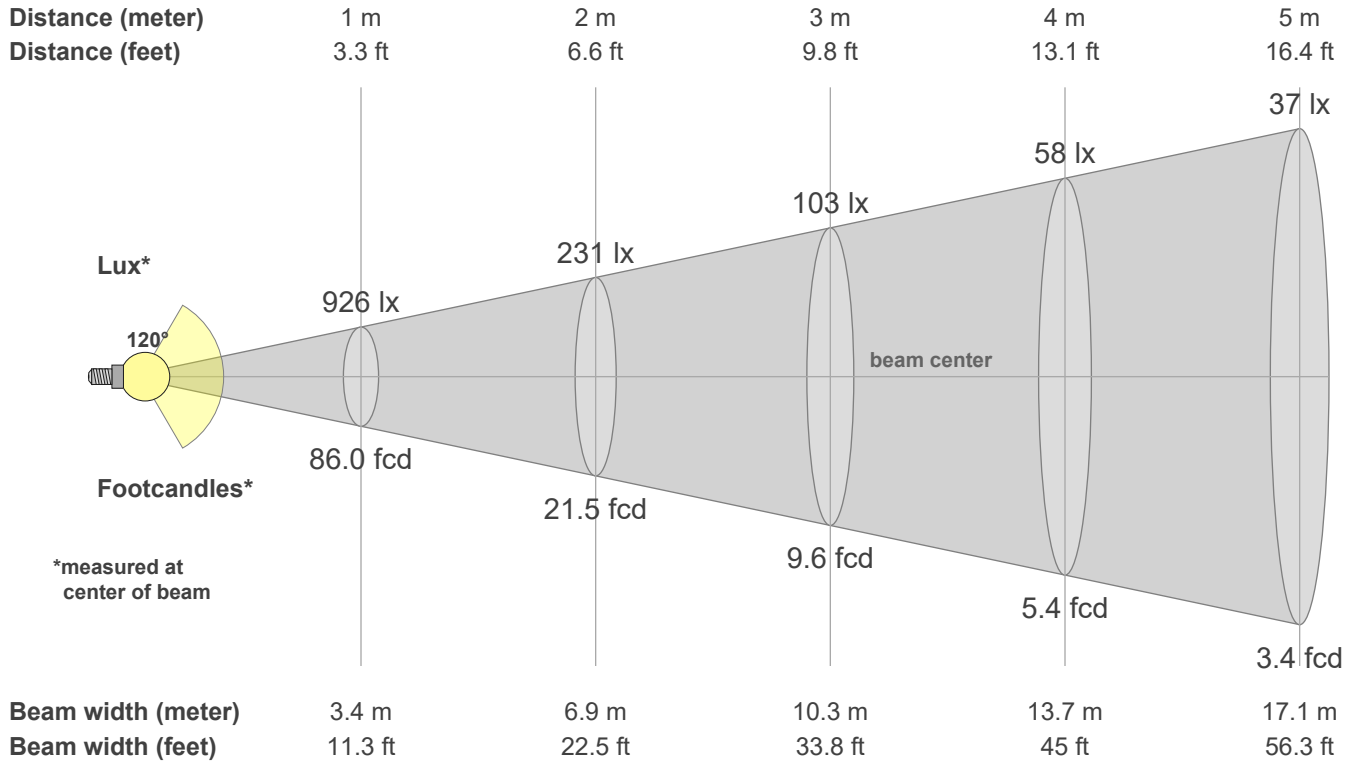
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.50	98.34	74.69	66.03	74.05	78.99	86.16	90.31	94.94	84.76	79.15	78.73	79.97	72.36	77.51

CQS: 79.6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
7202 K	84.3	17.9	82.1	94.3	79.6	0.3	0.3	0.2	0.3	0.0030



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°
926	923	916	903	885	859	827	788	742	690	631	563	490	409	323	229	124	53	10	1
100%	100%	99%	98%	96%	93%	89%	85%	80%	74%	68%	61%	53%	44%	35%	25%	13%	6%	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°
926	924	913	896	872	842	806	762	711	654	590	519	442	360	225	89	22	5	2	1
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	64%	56%	48%	39%	24%	10%	2%	1%	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°
926	919	907	889	866	835	798	754	703	644	578	506	426	337	239	147	70	17	3	2
100%	99%	98%	96%	93%	90%	86%	81%	76%	70%	62%	55%	46%	36%	26%	16%	8%	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°
926	927	920	907	886	859	825	785	737	684	624	555	481	400	295	130	22	8	2	1
100%	100%	99%	98%	96%	93%	89%	85%	80%	74%	67%	60%	52%	43%	32%	14%	2%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
119.5°	156.5°	165.9°	79.3%	52.9%