

ECOSENSE[®]

Light efficiency:

138 Lumen/Watt

Light quality:

CRI: 93.0

Color temperature:

4167 K

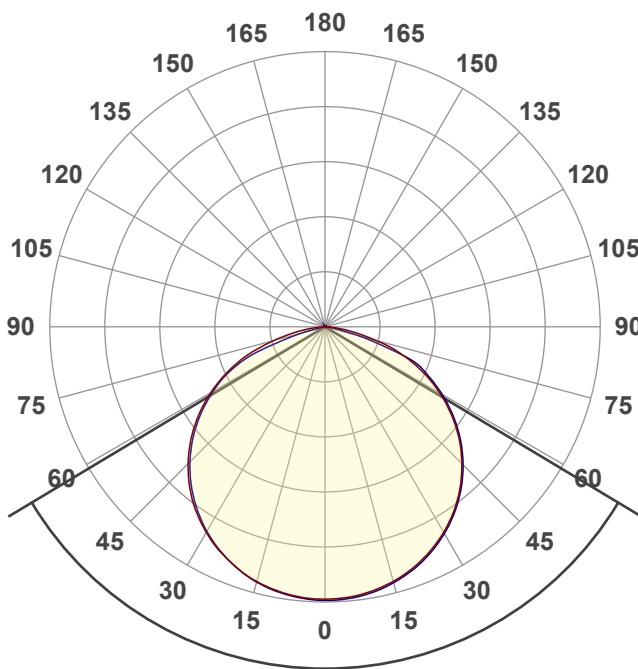
Output: 2368 lm

Peak: 802 cd

Power: 17.1 W

PF: 0.99

4 PLANES



Beam angle

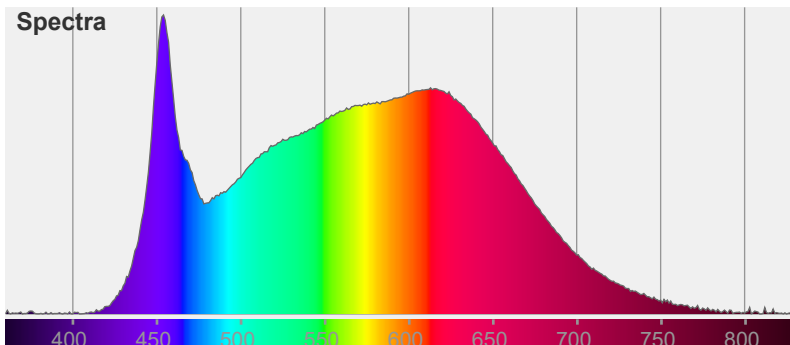
118.1°

Color



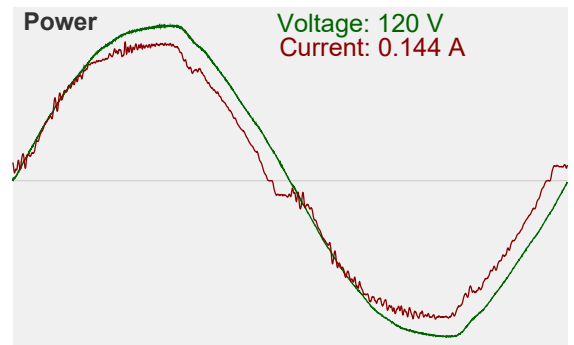
CIE1931
x: 0.373
y: 0.370

Spectra



Power

Voltage: 120 V
Current: 0.144 A



No photo

SKU:

**20230607 L45 APC-000364-03 #4
APC-341-01 #9 4090 18W**

Date and time:

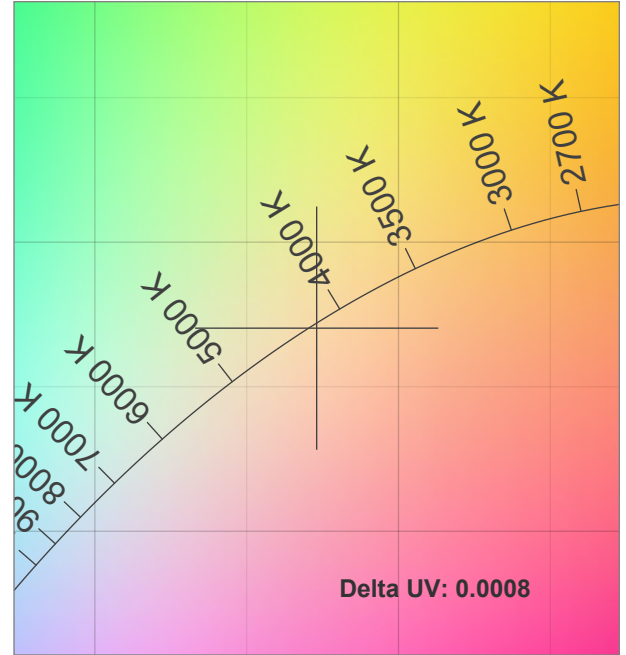
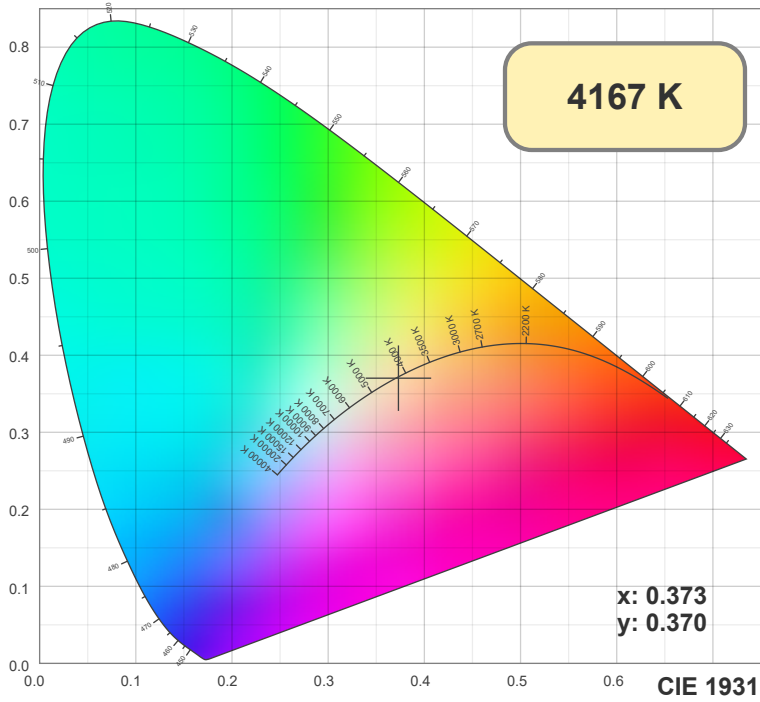
6/7/2023 10:56:34 AM

Product name:

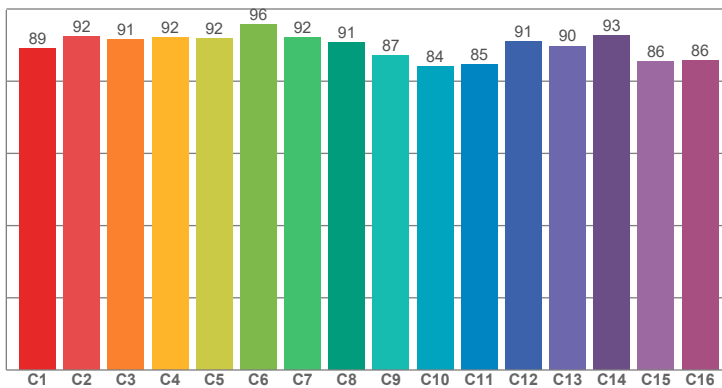
TROV 2 PHASE 1

Operator:

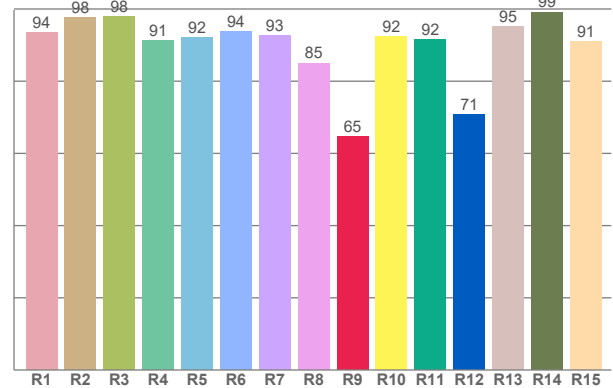
ELIZABETH RODGERS



TM30: 89.5



CRI: 93.0 (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
93.55	97.53	97.93	91.24	92.18	93.77	92.59	85.02	64.74	92.44	91.53	70.83	95.13	99.17	90.98

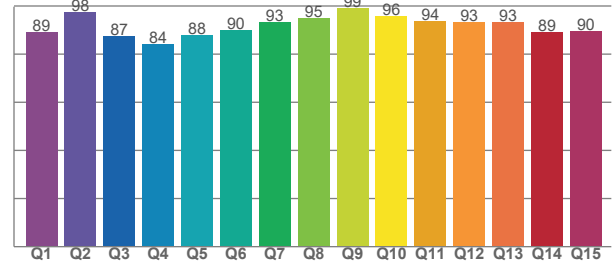
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.14	92.35	91.46	92.20	91.75	95.62	92.09	90.81	87.23	84.14	84.56	91.04	89.75	92.62	85.53	85.62

CQS Q values

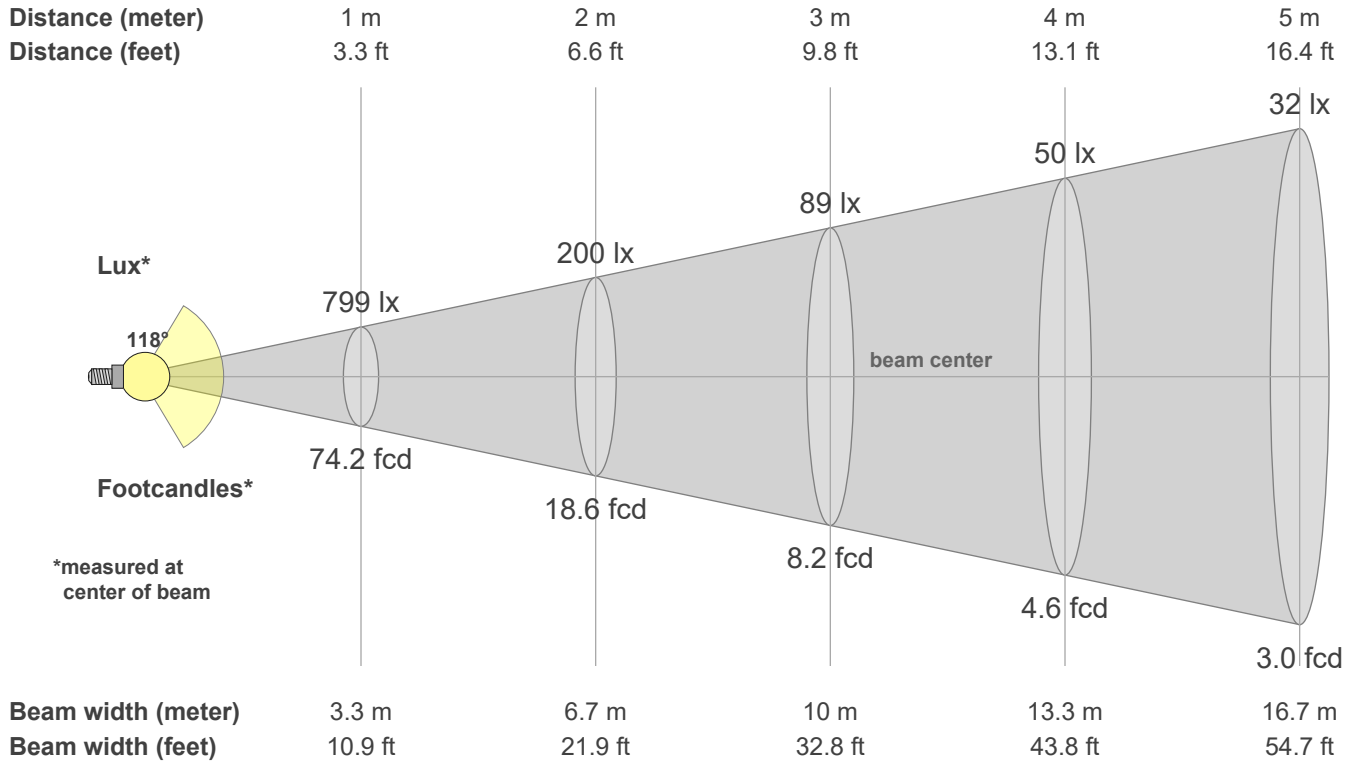
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.17	97.55	87.39	84.04	87.71	90.12	93.43	94.76	99.05	95.93	93.66	93.18	93.16	89.29	89.69

CQS: 91.0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4167 K	93.0	64.7	89.5	97.1	91.0	0.4	0.4	0.2	0.3	-0.0008



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°
799	795	786	772	752	726	695	659	616	567	513	453	388	318	243	159	82	31	6	1
100%	99%	98%	97%	94%	91%	87%	82%	77%	71%	64%	57%	49%	40%	30%	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°
799	799	790	776	756	731	699	662	620	572	519	460	396	329	241	109	32	7	2	1
100%	100%	99%	97%	95%	91%	88%	83%	78%	72%	65%	58%	50%	41%	30%	14%	4%	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°
799	795	786	772	752	726	695	659	616	567	512	452	387	317	241	156	82	30	4	1
100%	100%	98%	97%	94%	91%	87%	82%	77%	71%	64%	57%	48%	40%	30%	20%	10%	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°
799	798	788	774	752	725	692	653	609	559	505	444	378	305	201	75	12	6	2	1
100%	100%	99%	97%	94%	91%	87%	82%	76%	70%	63%	56%	47%	38%	25%	9%	2%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
118.1°	156.3°	165.8°	79.4%	53.2%