

Light efficiency:

126 Lumen/Watt

Light quality:

CRI: 76.4

Color temperature:

3828 K

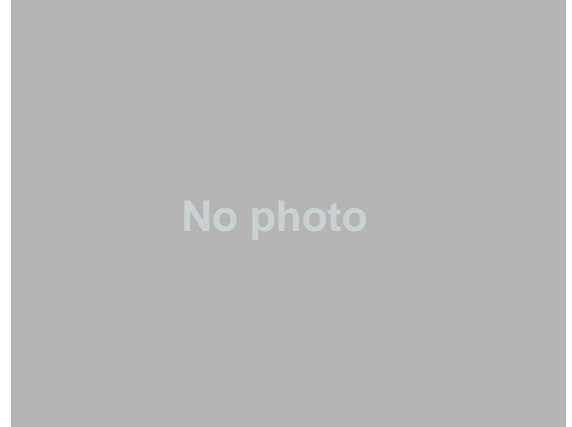
Output: 1717 lm

Peak: 274 cd

Power: 13.6 W

PF: 0.98

8 PLANES



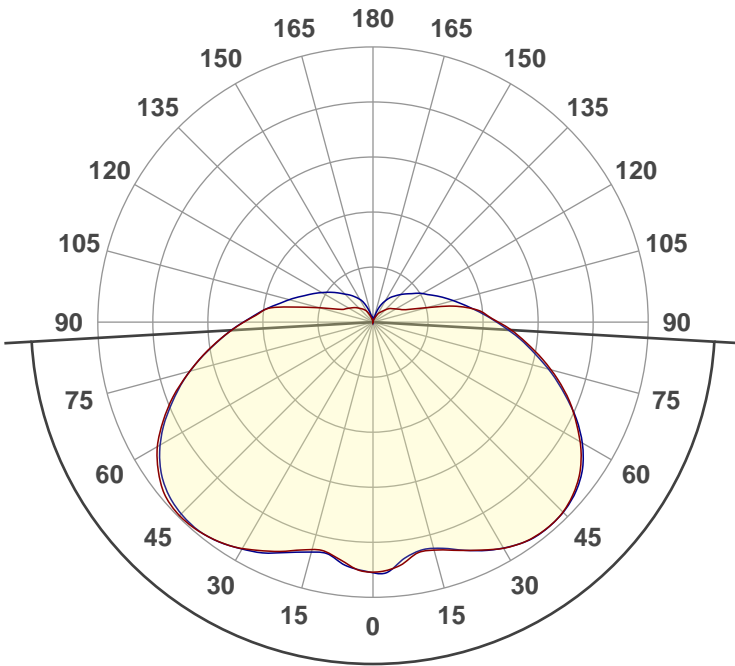
Tracking number: VT231031-005421

Part Number:

VTCJ-SW3B26 13W

Date and time:

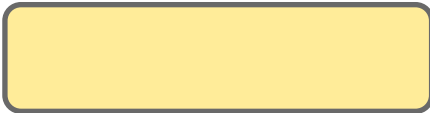
10/31/2023 11:29:25 AM



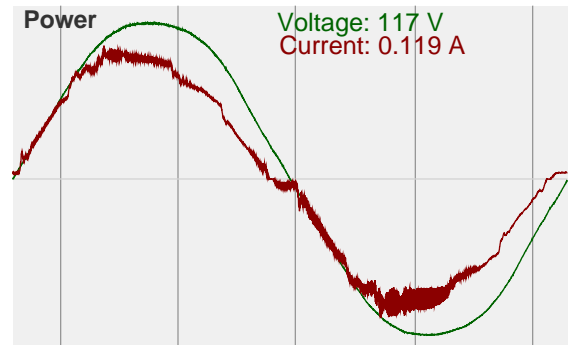
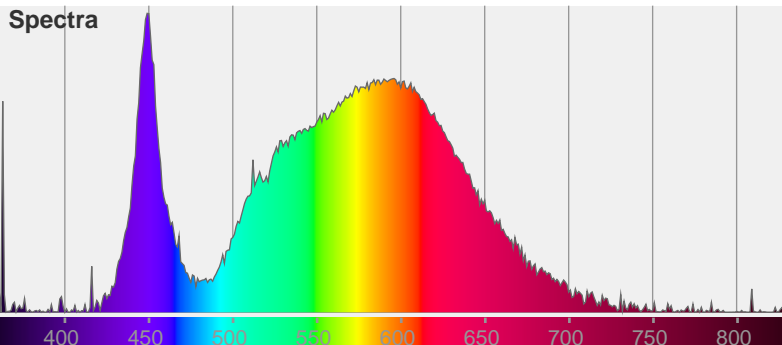
Beam angle

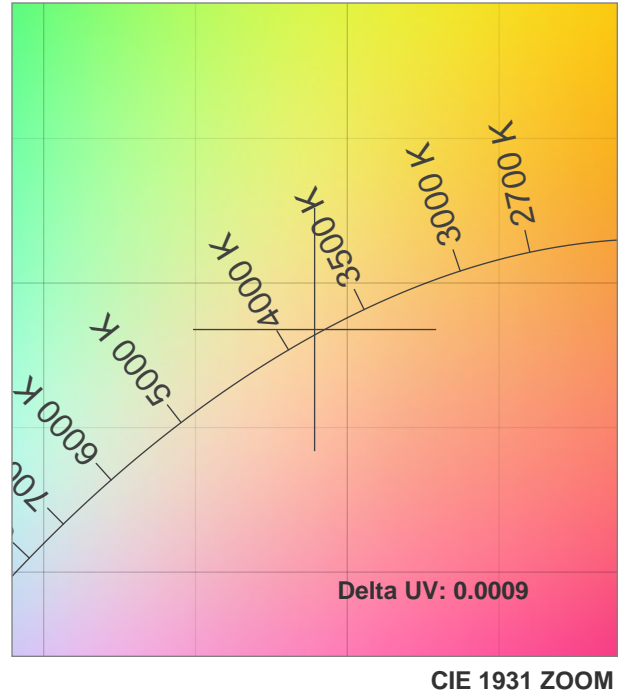
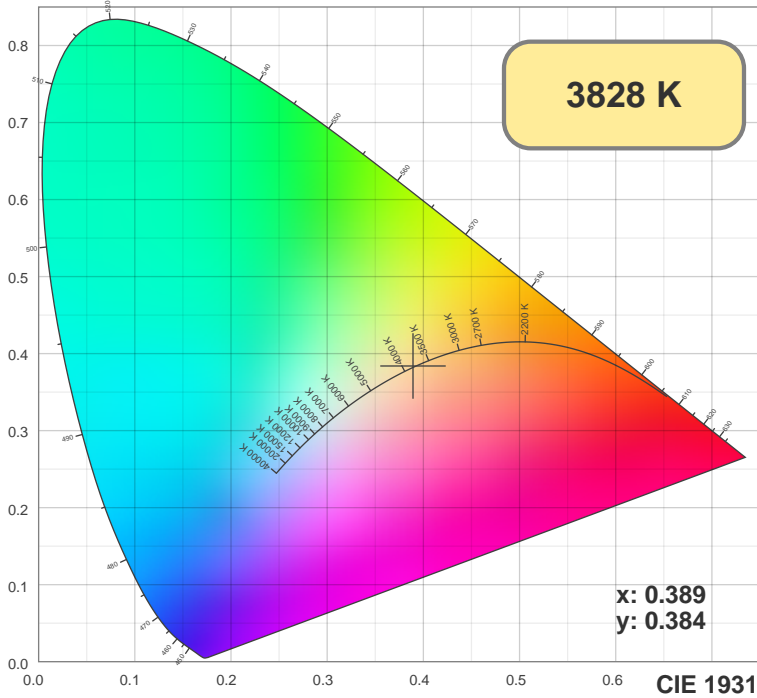
173.4°

Color



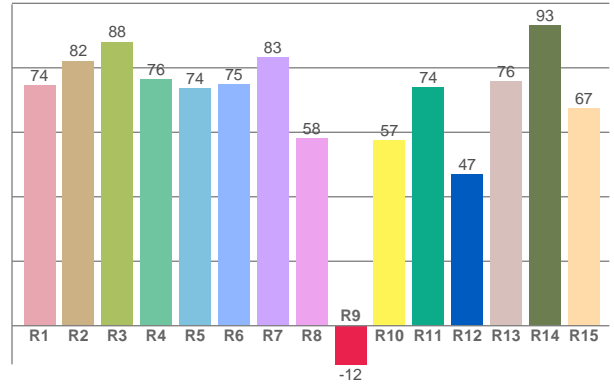
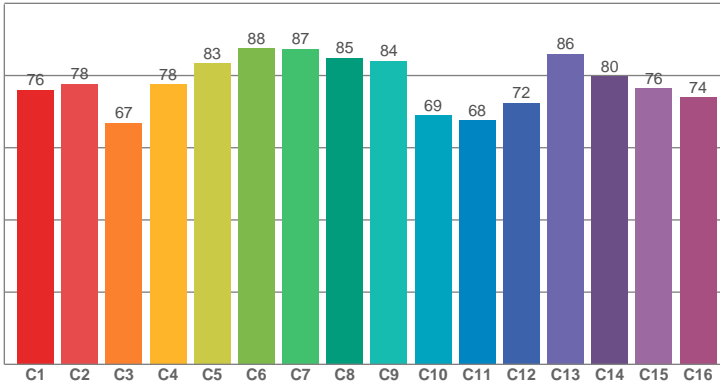
CIE1931
x: 0.389
y: 0.384





TM30: 77.8

CRI: 76.4 (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
74.46	82.16	88.04	76.50	73.62	74.85	83.27	58.06	-11.97	57.48	73.83	47.00	75.75	93.07	67.40

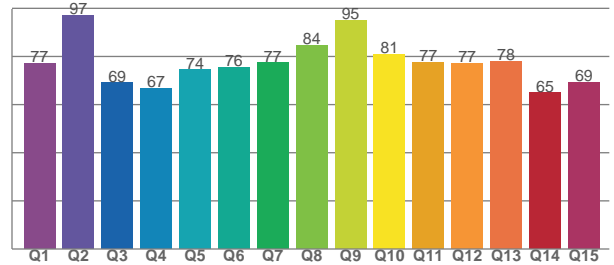
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76.03	77.66	66.88	77.58	83.34	87.57	87.36	84.88	84.04	68.94	67.64	72.45	85.98	79.78	76.47	73.92

CQS Q values

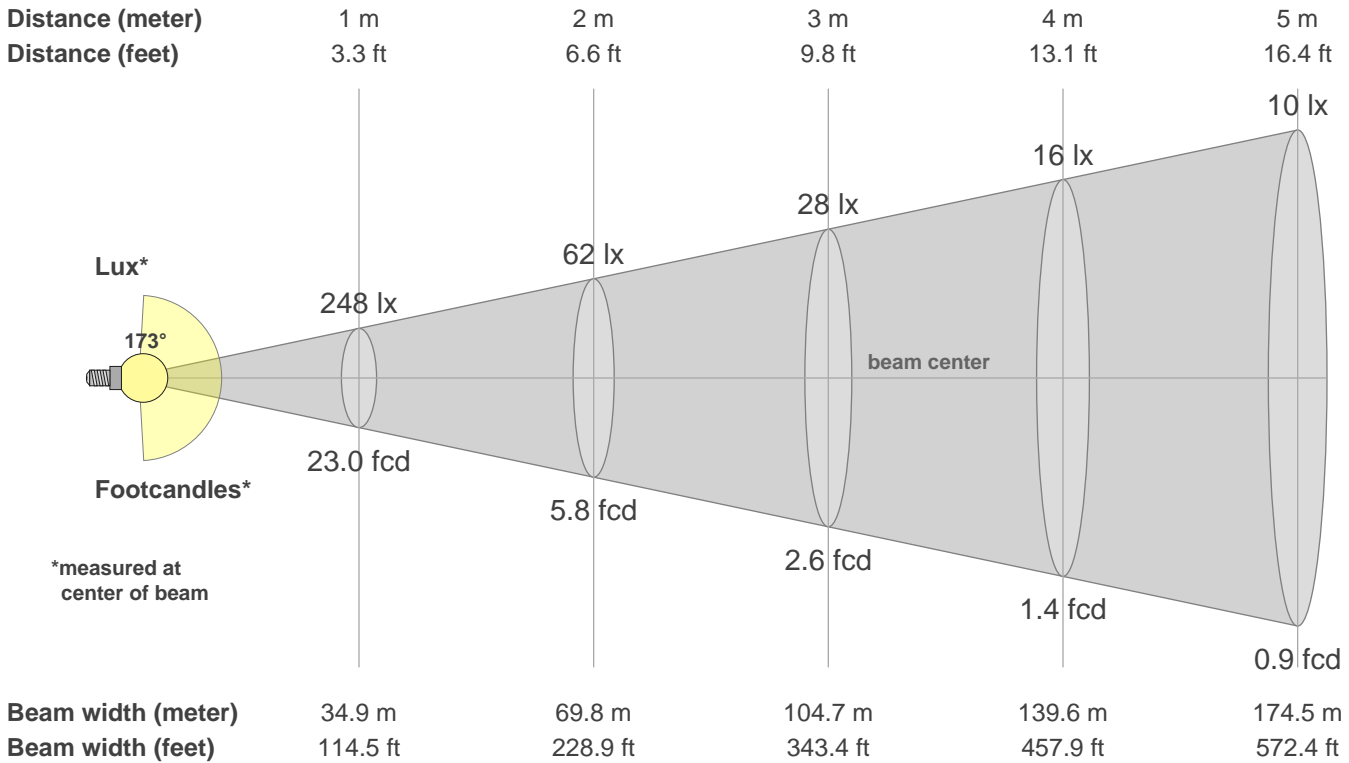
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.27	97.05	68.98	66.88	74.40	75.59	77.39	84.47	94.85	80.96	77.46	77.24	77.98	64.85	69.28

CQS: 76.0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3828 K	76.4	-12.0	77.8	96.3	76.0	0.4	0.4	0.2	0.3	0.0009



Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
248	238	239	254	267	267	255	228	196	159	125	93	44	29	23	17	12	7	3	1
100%	96%	96%	103%	108%	108%	103%	92%	79%	64%	51%	37%	18%	12%	9%	7%	5%	3%	1%	0%

Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
248	236	237	255	267	268	256	230	193	157	124	97	77	61	48	39	31	21	9	1
100%	95%	96%	103%	108%	108%	103%	93%	78%	63%	50%	39%	31%	24%	20%	16%	12%	9%	4%	0%

Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
248	237	239	255	268	272	263	237	202	164	129	95	44	30	24	20	16	10	4	1
100%	96%	96%	103%	108%	110%	106%	96%	81%	66%	52%	38%	18%	12%	10%	8%	6%	4%	2%	1%

Intensities in 270° c-plane

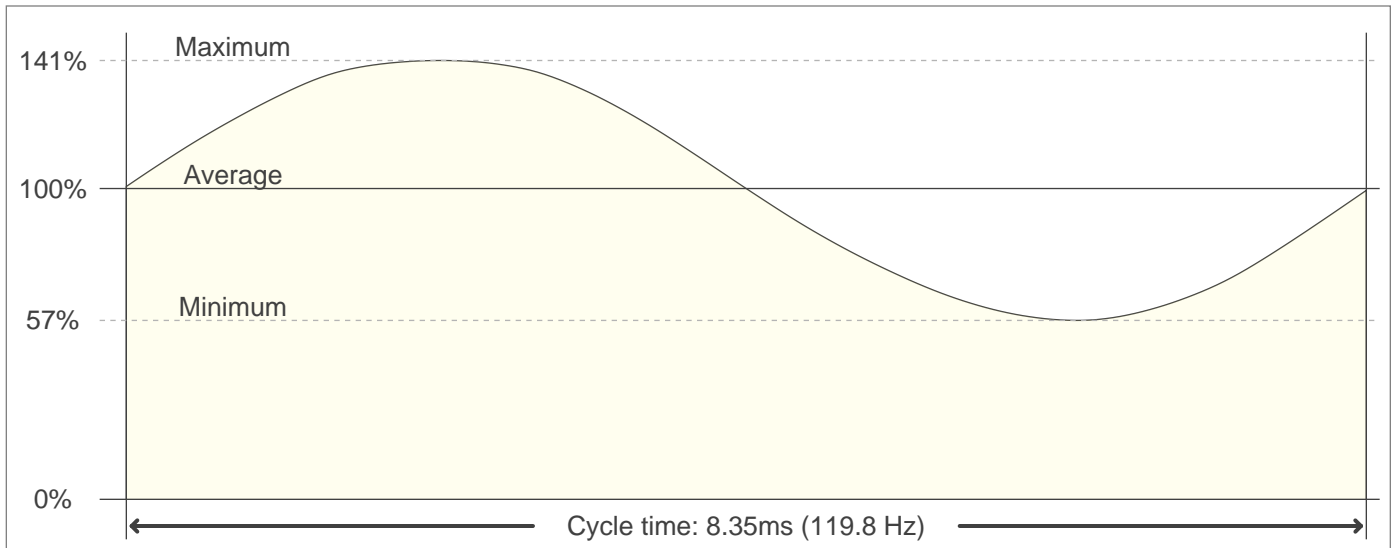
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
248	239	241	257	268	270	260	235	201	163	129	102	80	64	51	39	31	23	11	1
100%	96%	97%	104%	108%	109%	105%	95%	81%	66%	52%	41%	32%	26%	20%	16%	13%	9%	4%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
173.4°	279.2°	323.2°	46.6%	27.3%

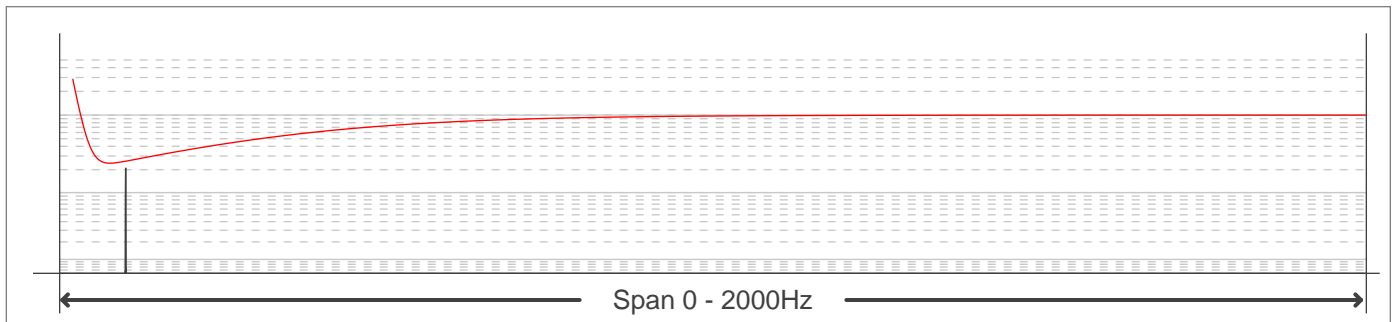
Flicker curve (Complete sampled flicker signal)



Flicker frame (frame of one period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

Flicker frequency:		119.76 Hz	
Flicker index:	0.13	JA8/10 - 40:	0.63 %
Flicker percentage:	42.26 %	JA8/10 - 90:	2.06 %
SVM: (Visual flicker)	1.53	JA8/10 - 200:	42.7 %
PstLM:	0.15	JA8/10 - 400:	42.24 %
Mp:	0.15	JA8/10 - 1000:	42.27 %

Flicker conditions:

Sample Rate	20000 samples/second
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