

Light efficiency:

110 Lumen/Watt

Light quality:

CRI: 83,4

Color temperature:

3167 K

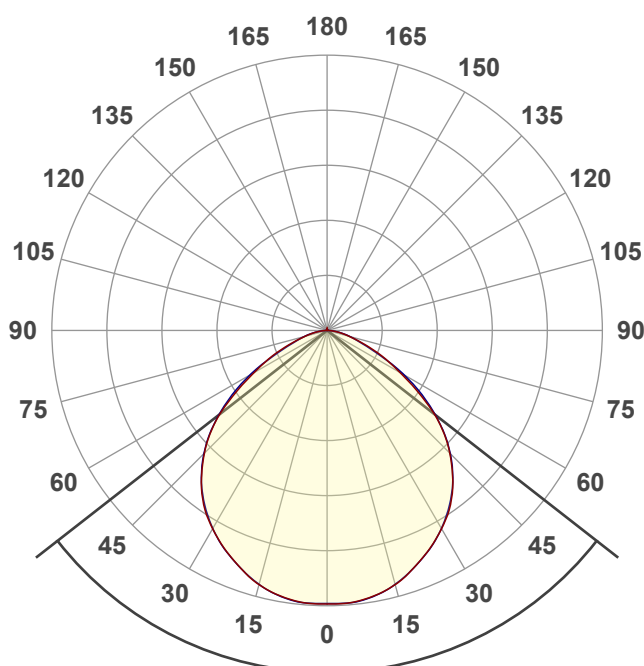
Output: 4702 lm

Peak: 1896 cd

Power: 42,8 W

PF: 0,97

2 PLANES



Beam angle

104,1°

Color

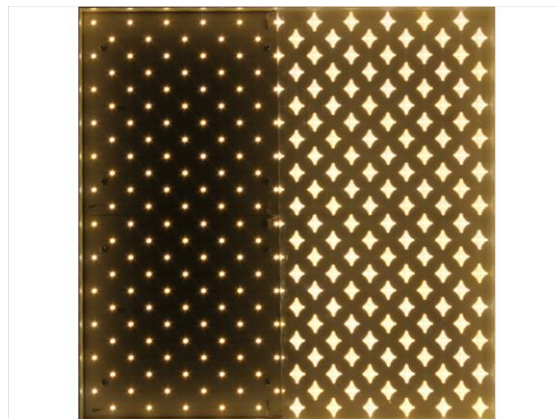
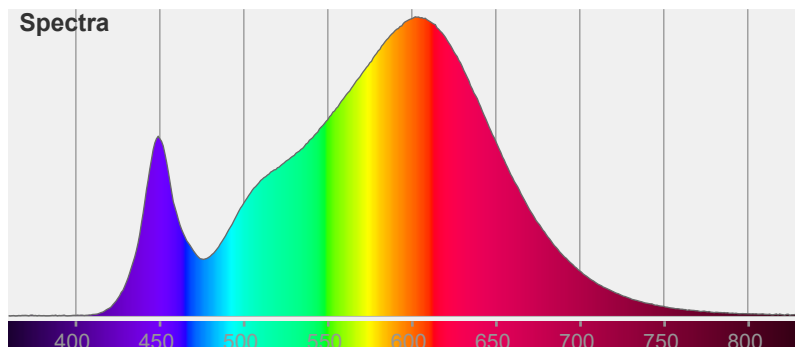


CIE1931

x: 0,426

y: 0,401

Spectra



Product name:

MicroMid

Date and time:

07-11-2018 15:03:19

Additional information:

Backlit

Prism: Diamond Prism

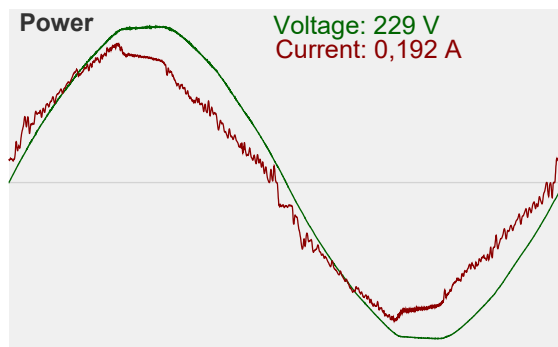
Foil: No foil

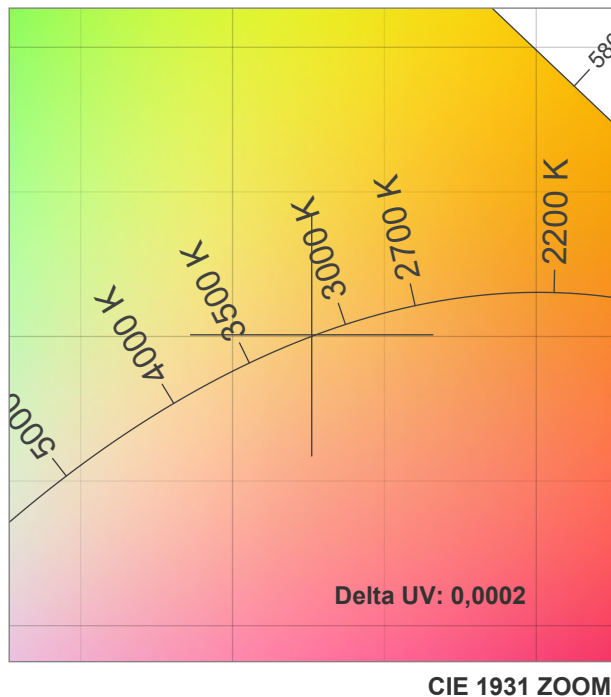
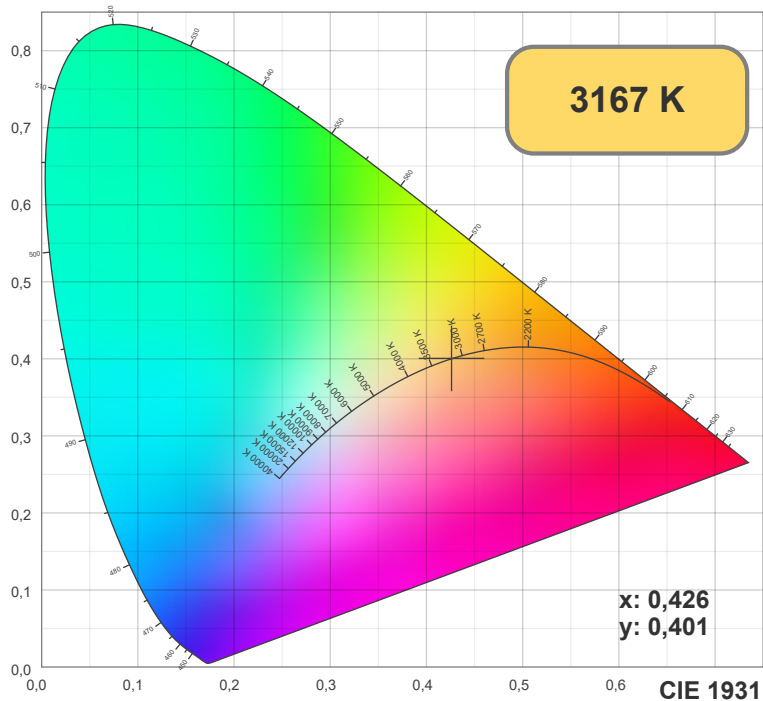
UGR at 4000 Lumen 4H8H: 19,0 / 19,0

Power

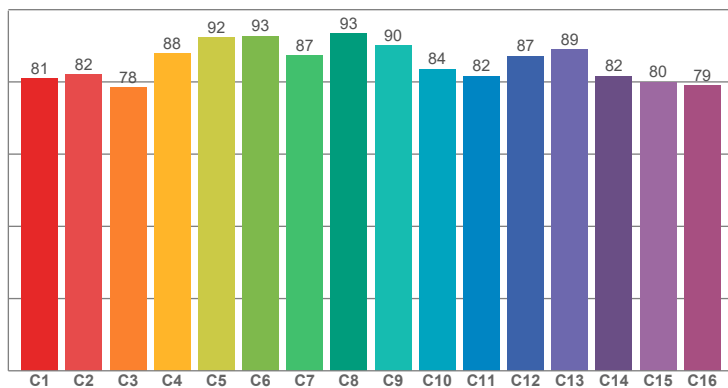
Voltage: 229 V

Current: 0,192 A

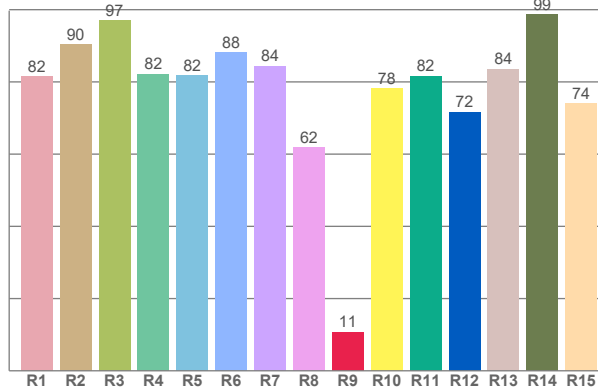




TM30: 85,4



CRI: 83,4 (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
81,59	90,43	96,94	82,25	81,79	88,07	84,39	61,88	10,77	78,18	81,63	71,70	83,58	98,62	74,13

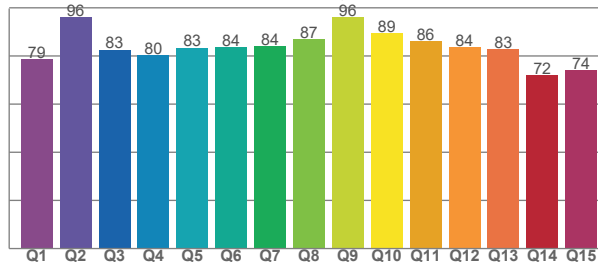
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80,98	82,13	78,39	87,94	92,35	92,75	87,29	93,37	90,05	83,62	81,63	87,20	88,99	81,64	80,00	79,01

CQS Q values

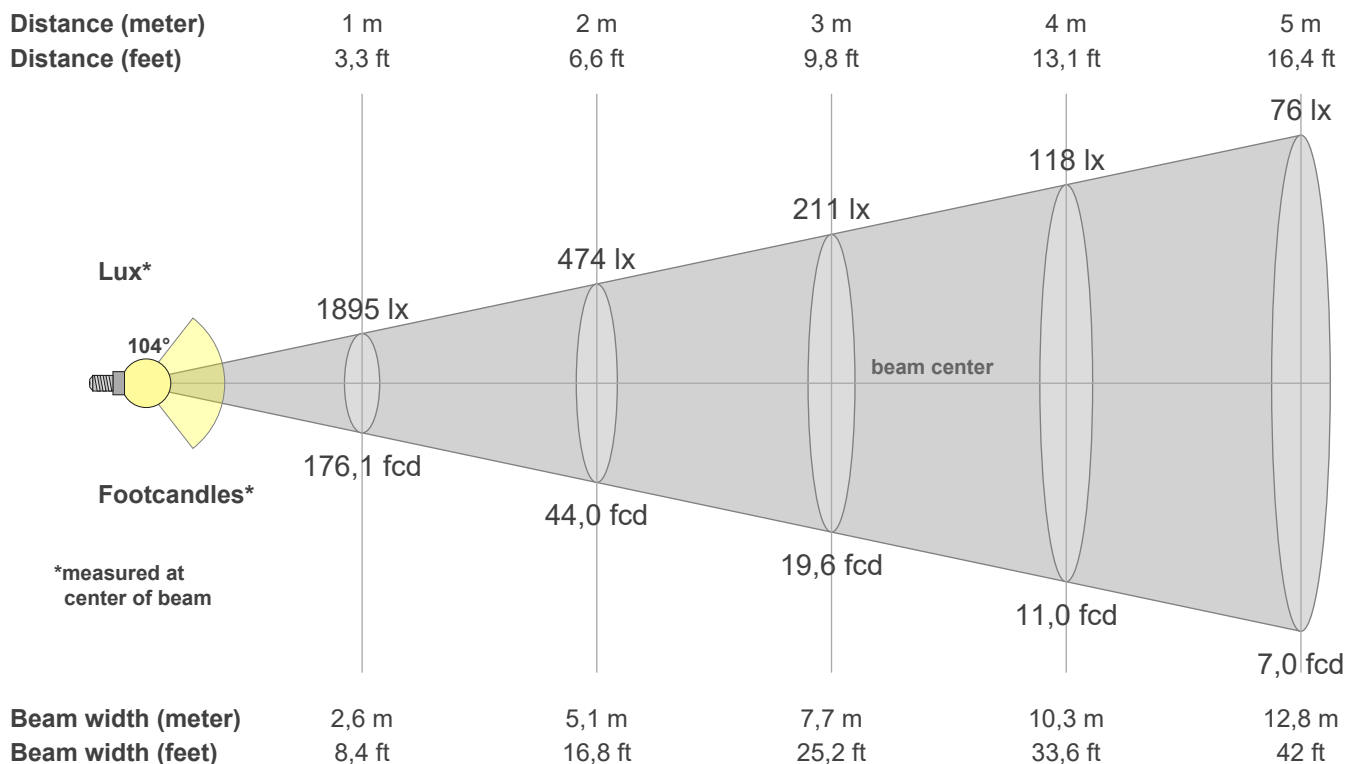
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78,61	96,15	82,63	80,48	83,46	83,79	84,02	87,07	96,16	89,31	86,07	83,83	82,87	71,94	74,13

CQS: 82,7



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3167 K	83,4	10,8	85,4	96,9	82,7	0,4	0,4	0,2	0,3	0,0003



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°
1895	1891	1867	1822	1752	1674	1587	1485	1354	1201	1024	804	587	419	269	162	93	39	7	1
100%	100%	98%	96%	92%	88%	84%	78%	71%	63%	54%	42%	31%	22%	14%	9%	5%	2%	0%	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°
1895	1892	1869	1820	1752	1675	1584	1478	1354	1206	1030	830	617	401	247	164	96	39	7	1
100%	100%	99%	96%	92%	88%	84%	78%	71%	64%	54%	44%	33%	21%	13%	9%	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°
1895	1891	1867	1822	1752	1674	1587	1485	1354	1201	1024	804	587	419	269	162	93	39	7	1
100%	100%	98%	96%	92%	88%	84%	78%	71%	63%	54%	42%	31%	22%	14%	9%	5%	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°
1895	1892	1869	1820	1752	1675	1584	1478	1354	1206	1030	830	617	401	247	164	96	39	7	1
100%	100%	99%	96%	92%	88%	84%	78%	71%	64%	54%	44%	33%	21%	13%	9%	5%	2%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
104,1°	146,8°	168,2°	86,0%	61,0%