

Light efficiency:

129 Lumen/Watt

Light quality:

CRI: 85.7

Color temperature:

3112 K

Output: 2188 lm

Peak: 730 cd

Power: 17.0 W

239V @ 0.071A



Product name:

SUPER-FLEX II 3000K

Date and time:

1/12/2015 9:27:53 AM

Item number:

WOT-BID2-30-1M

Additional information:

Test Length 1000mm

LED Type: SMD2835

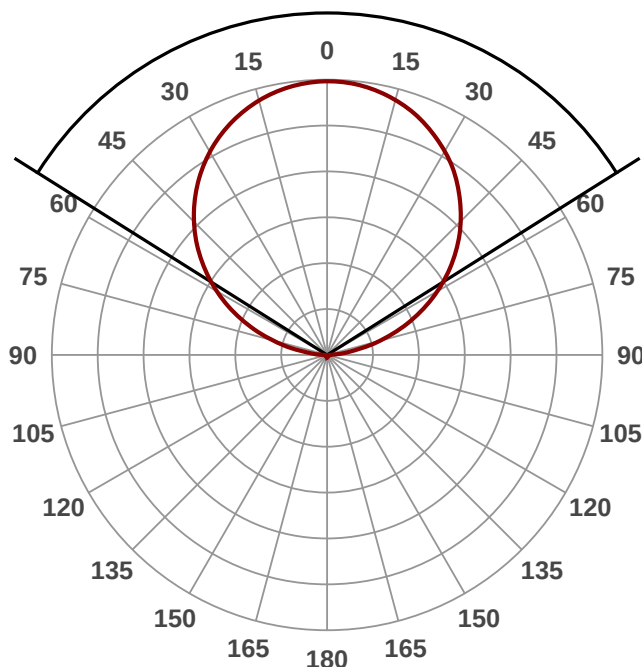
LED Quantity: 168 LEDs/M

Operating Voltage: 24VDC

Dimmable: Yes

Beam angle

115.6°



Color

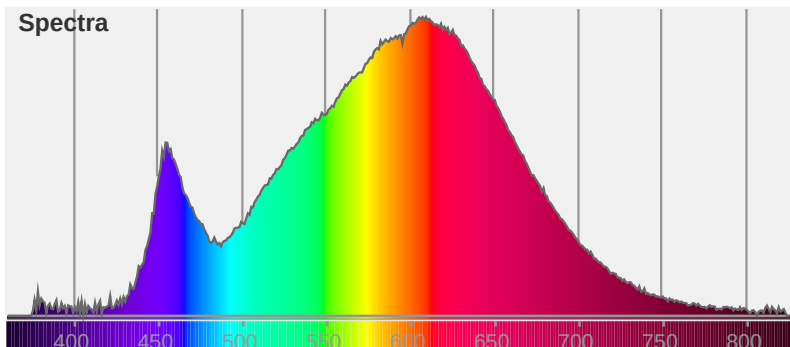


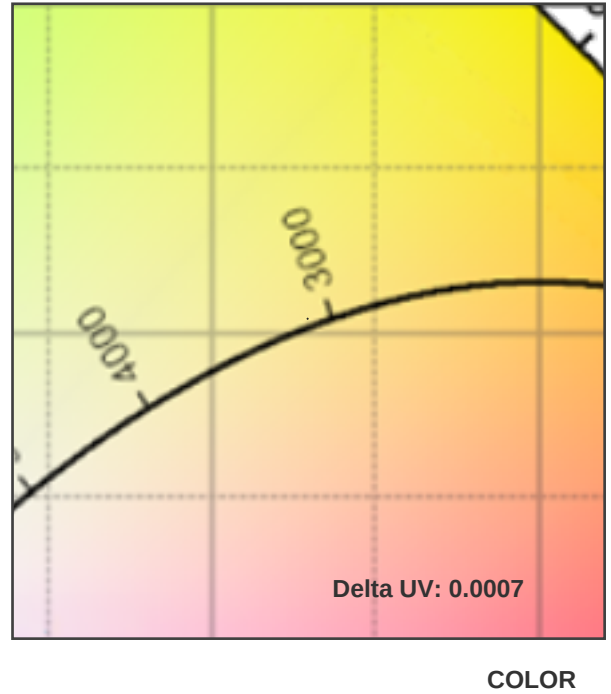
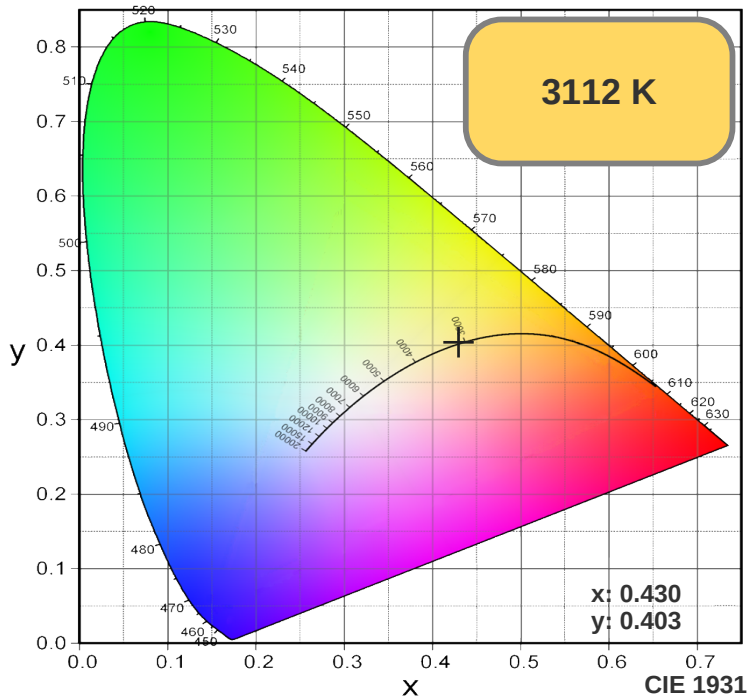
CIE1931

x: 0.430

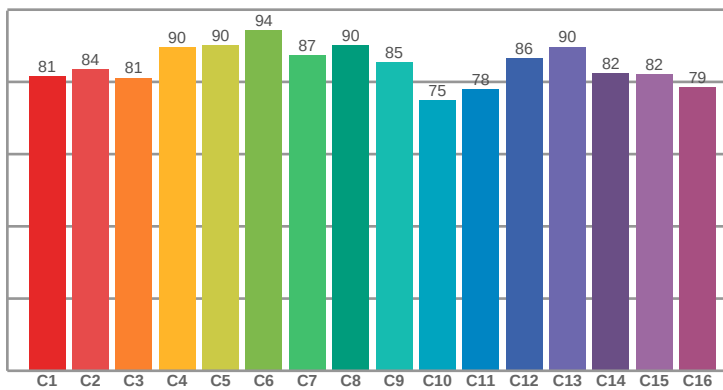
y: 0.403

Spectra

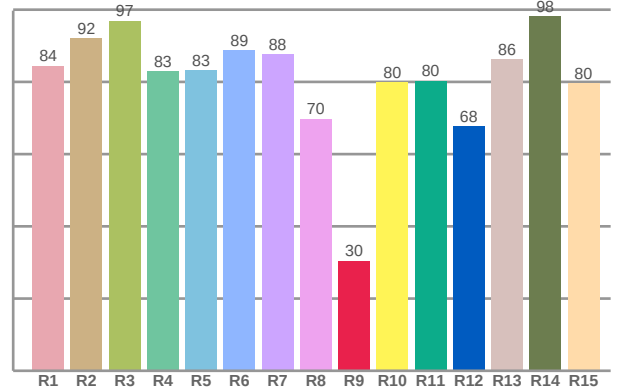




TM30: 84.5



CRI: 85.7 (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
84.43	92.03	96.90	82.82	83.25	88.76	87.64	69.78	30.42	79.84	80.25	67.71	86.19	98.03	79.55

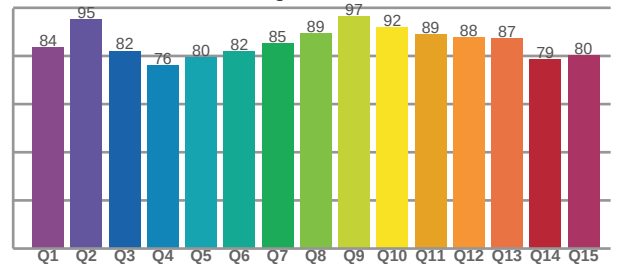
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81.49	83.54	81.10	89.58	90.11	94.19	87.26	90.11	85.42	74.89	77.98	86.43	89.68	82.31	82.09	78.54

CQS Q values

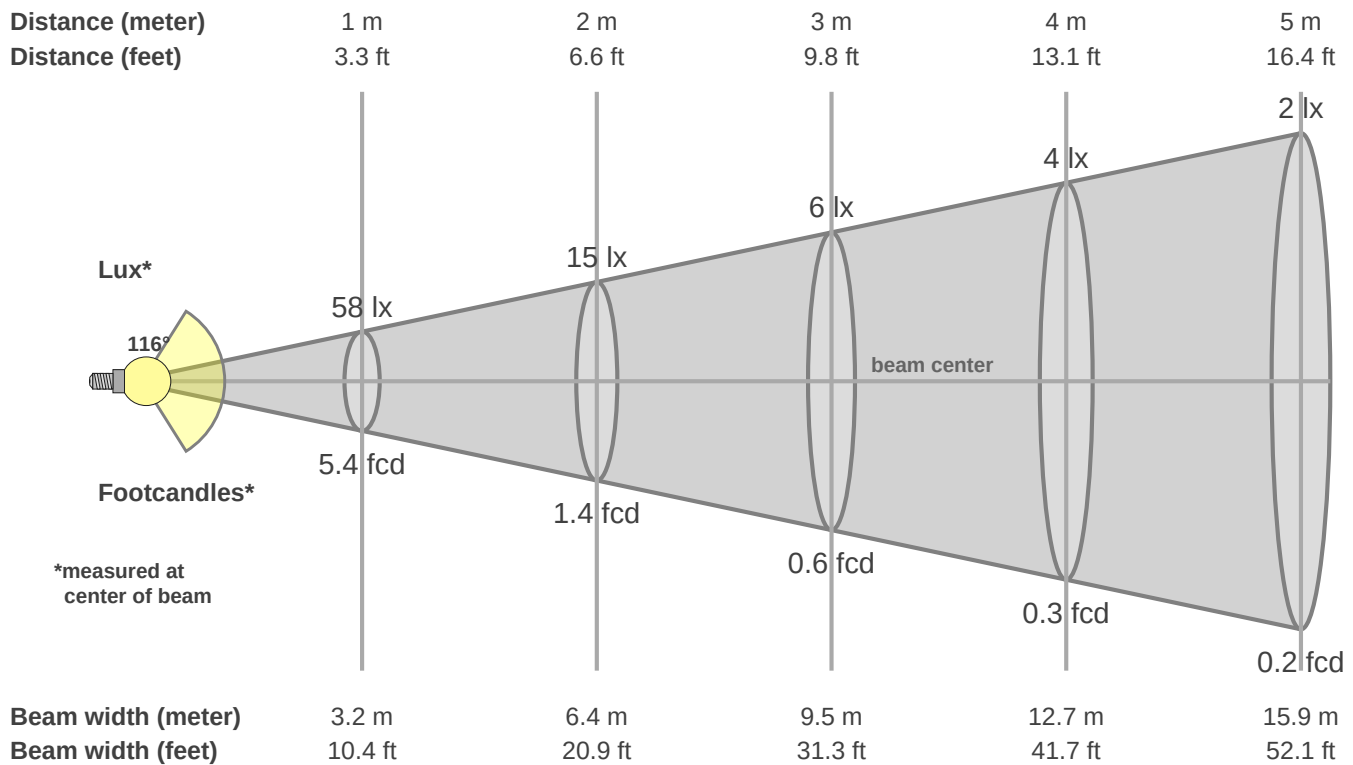
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83.65	95.34	82.22	76.12	79.55	82.04	85.24	89.33	96.64	91.84	88.90	87.89	87.25	78.75	80.39

CQS: 84.4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3112 K	85.7	30.4	84.5	95.6	84.4	0.4	0.4	0.2	0.3	0.0007



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°
58.4	58.1	57.4	56.3	54.5	52.5	50.0	47.1	43.8	40.1	36.2	31.8	27.1	22.3	17.2	12.1	7.3	3.1	1.1	0.4
100%	99%	98%	96%	93%	90%	86%	81%	75%	69%	62%	54%	46%	38%	29%	21%	13%	5%	2%	1%

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58.4	58.1	57.4	56.3	54.5	52.5	50.0	47.1	43.8	40.1	36.2	31.8	27.1	22.3	17.2	12.1	7.3	3.1	1.1	0.4
100%	99%	98%	96%	93%	90%	86%	81%	75%	69%	62%	54%	46%	38%	29%	21%	13%	5%	2%	1%

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°
58.4	58.2	57.4	56.3	54.8	52.6	50.1	47.3	44.0	40.3	36.3	31.9	27.1	22.1	17.0	11.7	6.9	3.1	0.7	0.4
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	62%	55%	46%	38%	29%	20%	12%	5%	1%	1%

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°
58.4	58.2	57.4	56.3	54.8	52.6	50.1	47.3	44.0	40.3	36.3	31.9	27.1	22.1	17.0	11.7	6.9	3.1	0.7	0.4
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	62%	55%	46%	38%	29%	20%	12%	5%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115.6°	162.8°	177.1°	77.0%	51.9%