

FLEX COB - PLUS 1000-3000-5

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	10 W/mt
Larghezza Pcb / Width Pcb	5 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	45,5 mm
N° LED	COB
IP	20
Temperatura esercizio Storage Temperature	- 30° C - + 70°C
Lifetime	L70B20 50000H

	Flusso Luminoso Luminous Flux	Efficienza Efficiency	Colore Luce Led Color
DA-COB-1000-3000-5	954 lm/mt	95 lm/W	3000 K



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RoHS
Compliant

CRI>90

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Light efficiency:

95 Lumen/Watt

Light quality:

CRI: 91,7

Color temperature:

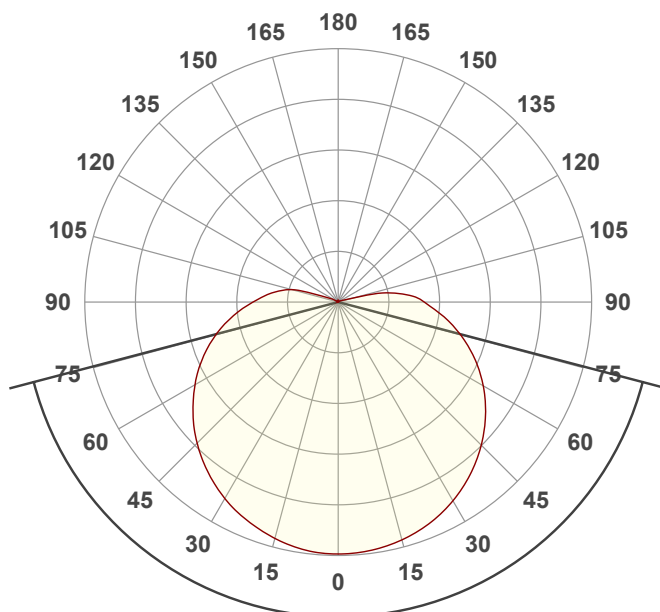
2944 K

Output: 954 lm

Peak: 204 cd

Power: 10,0 W

24,0V @ 0,417A



Beam angle

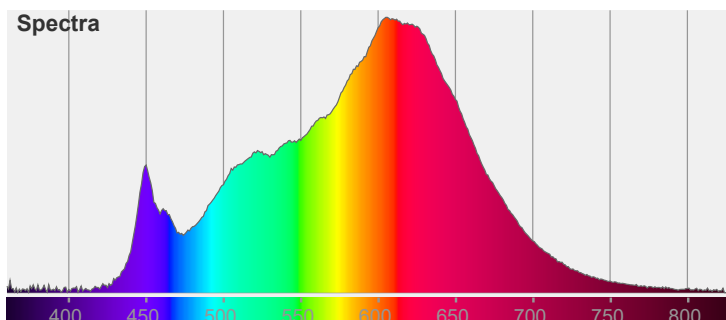
150,6°

Color



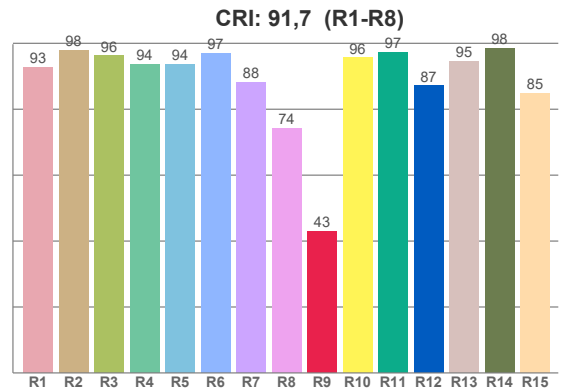
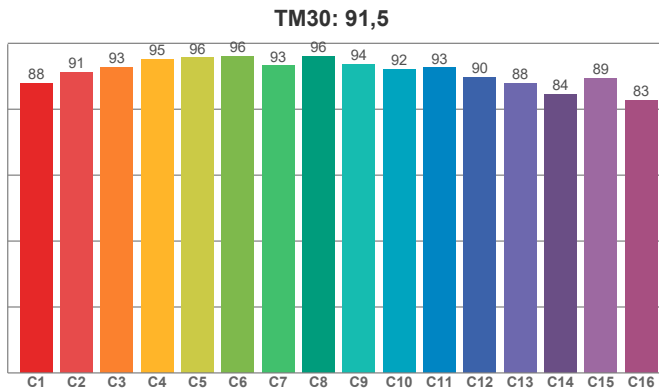
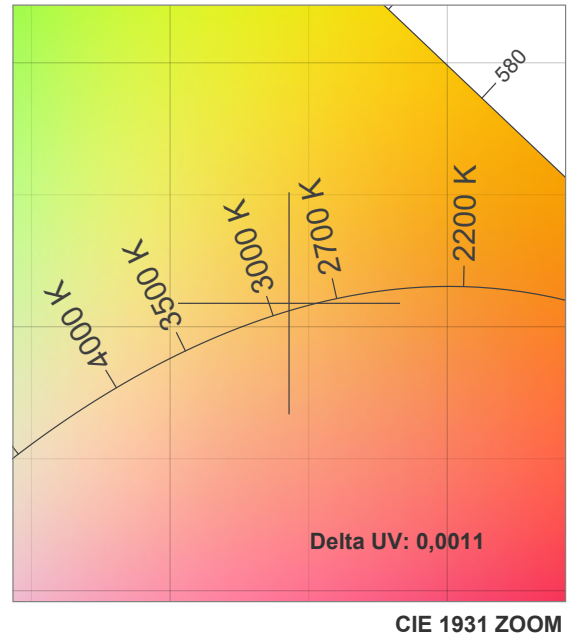
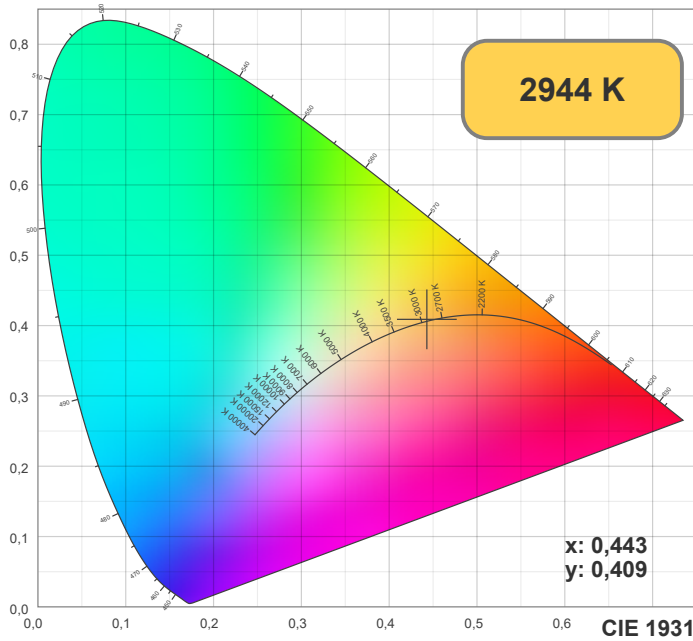
CIE1931
x: 0,443
y: 0,409

Spectra



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CRI R values, only R1-R8 are used to calculate final CRI value

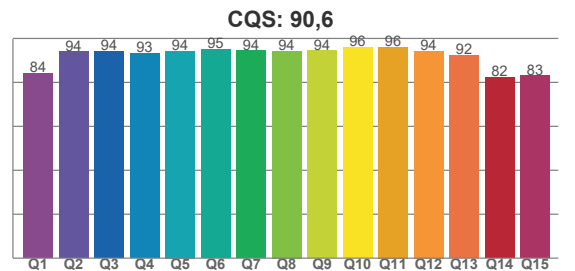
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,74	97,89	96,19	93,57	93,66	97,06	88,14	74,18	43,08	95,62	97,33	87,14	94,52	98,48	84,74

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
87,89	91,31	92,77	95,26	95,58	96,12	93,21	96,02	93,70	92,14	92,57	89,71	87,91	84,46	89,45	82,82

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,12	93,96	94,03	93,24	94,30	94,95	94,43	94,23	94,45	95,83	96,08	94,34	92,18	82,29	83,03

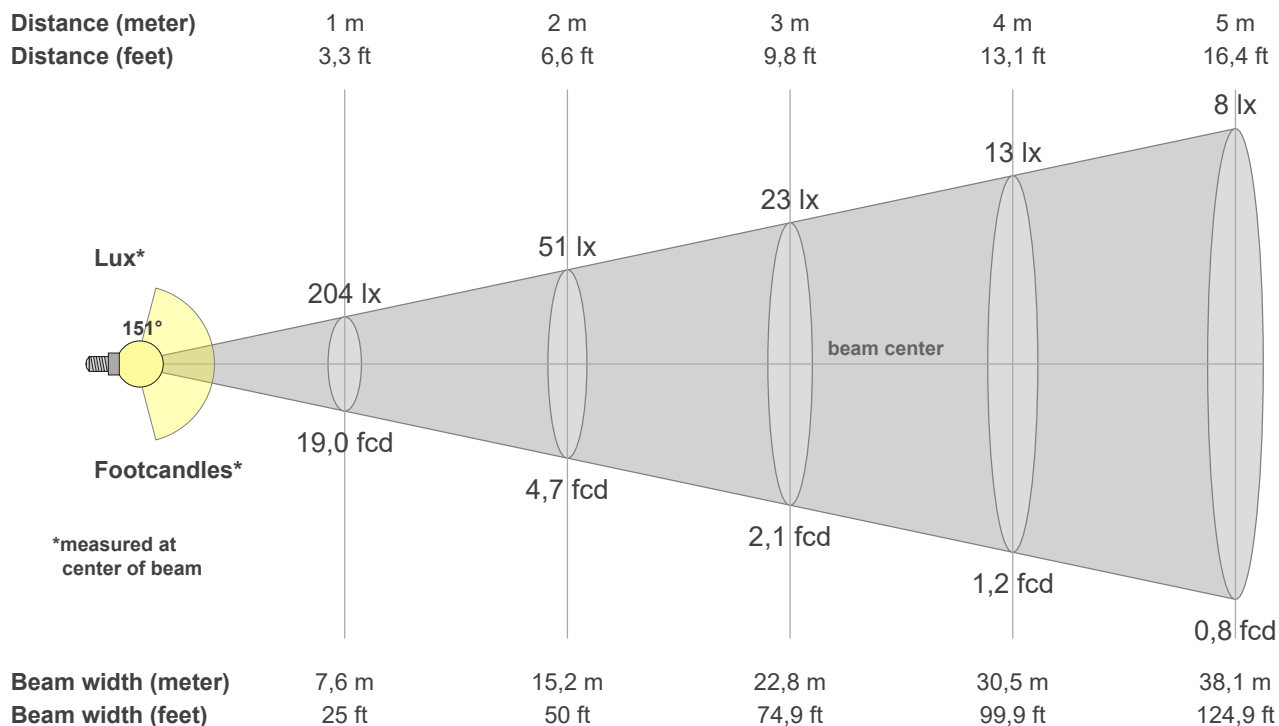


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2944 K	91,7	43,1	91,5	96,7	90,6	0,4	0,4	0,3	0,3	0,0011

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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°
204	203	198	189	178	164	148	130	110	89	70	45	9	1	1	1	1	1	1	1
100%	99%	97%	93%	87%	80%	72%	63%	54%	44%	34%	22%	4%	0%	0%	0%	0%	1%	1%	1%

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°
204	203	198	189	178	164	148	130	110	89	70	45	9	1	1	1	1	1	1	1
100%	99%	97%	93%	87%	80%	72%	63%	54%	44%	34%	22%	4%	0%	0%	0%	0%	1%	1%	1%

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°
204	202	196	188	176	162	146	128	109	89	69	52	28	4	1	1	1	1	1	1
100%	99%	96%	92%	86%	79%	71%	63%	54%	44%	34%	25%	14%	2%	0%	0%	0%	1%	1%	1%

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°
204	202	196	188	176	162	146	128	109	89	69	52	28	4	1	1	1	1	1	1
100%	99%	96%	92%	86%	79%	71%	63%	54%	44%	34%	25%	14%	2%	0%	0%	0%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
150,6°	215,4°	225,8°	55,7%	35,4%