

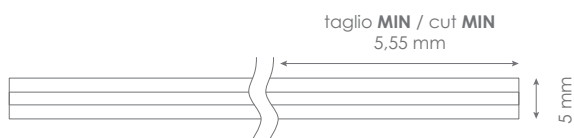
FLEX COB - PLUS 1000-4000-5

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-1000-4000-5	1003 lm/mt	1000 lm/mt	3000 K



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RoHS
Compliant

CRI>93

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Light efficiency:



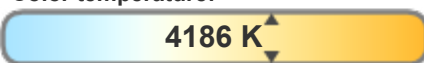
Output: 1003 lm

Light quality:

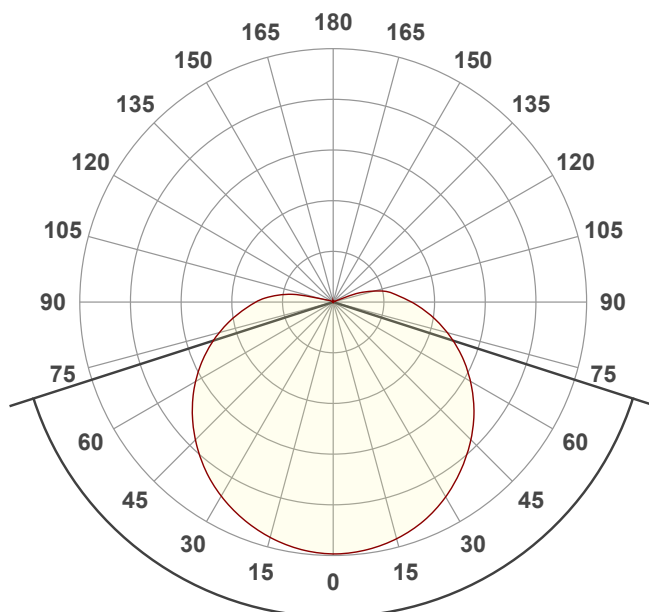


Peak: 226 cd

Color temperature:



Power: 10,0 W
24,0V @ 0,417A



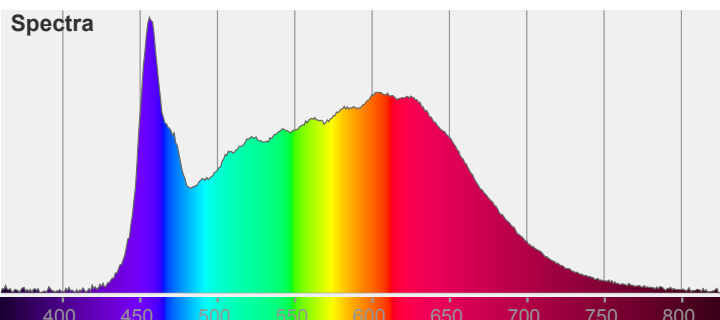
Beam angle

144,3°

Color

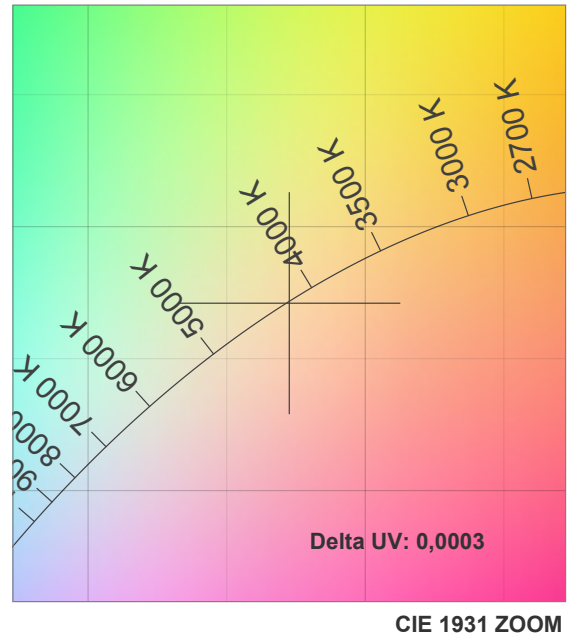
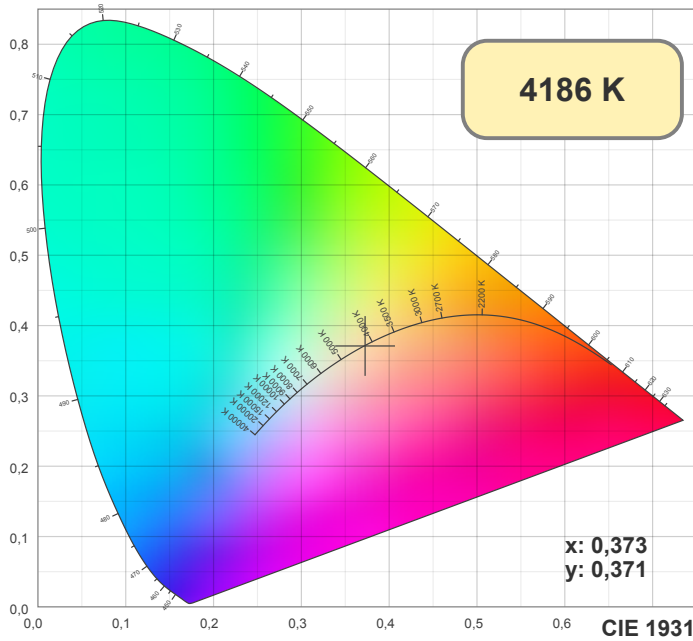


CIE1931
x: 0,373
y: 0,371

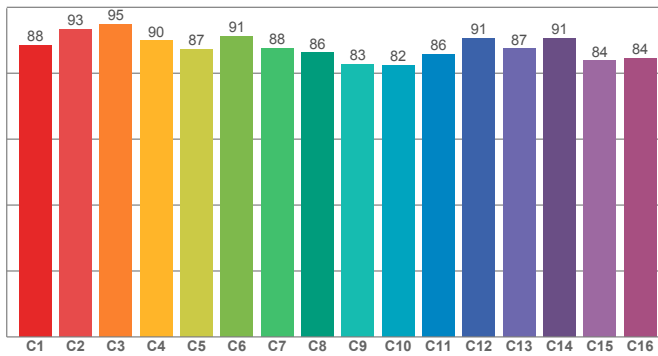


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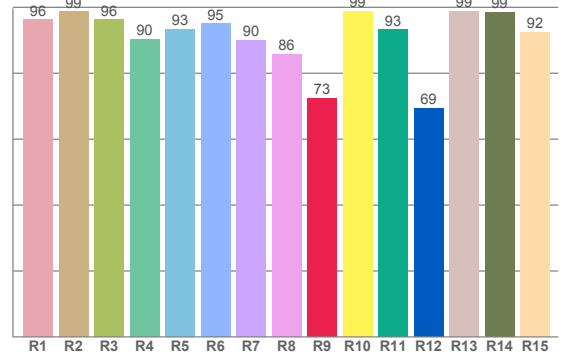
Led Strip



TM30: 87,8



CRI: 93,2 (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
96,23	96,66	96,24	90,37	93,35	94,99	89,93	85,84	72,51	98,88	93,22	69,44	98,84	98,60	92,49

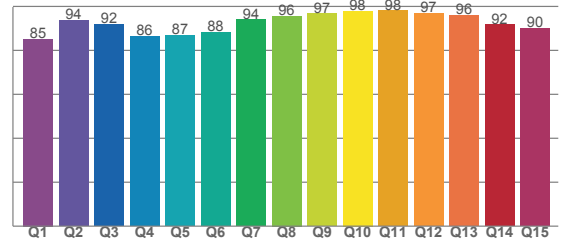
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
88,48	93,29	94,86	89,81	87,28	91,32	87,55	86,20	82,73	82,48	85,72	90,69	87,44	90,64	83,80	84,46

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85,17	93,71	91,79	86,35	86,74	88,12	93,94	95,66	96,70	97,90	98,01	96,90	95,94	91,62	89,96

CQS: 91,4

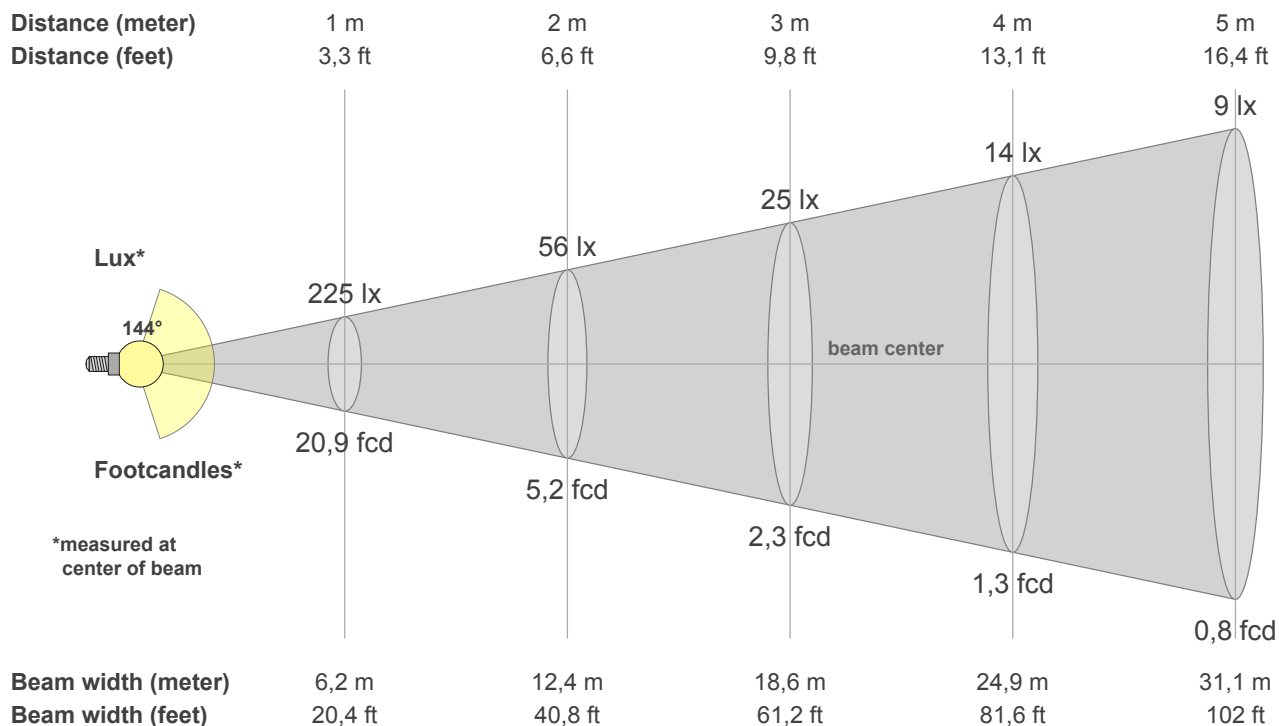


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4186 K	93,2	72,5	87,8	95,2	91,4	0,4	0,4	0,2	0,3	-0,0004

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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°
225	223	216	206	191	174	155	135	113	91	70	52	29	2	1	1	1	1	1	1
100%	99%	96%	91%	85%	77%	69%	60%	50%	40%	31%	23%	13%	1%	0%	0%	0%	0%	0%	0%

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°
225	223	216	206	191	174	155	135	113	91	70	52	29	2	1	1	1	1	1	1
100%	99%	96%	91%	85%	77%	69%	60%	50%	40%	31%	23%	13%	1%	0%	0%	0%	0%	0%	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°
225	222	215	205	191	174	156	135	113	91	69	43	6	1	1	1	1	1	1	1
100%	99%	95%	91%	85%	77%	69%	60%	50%	40%	31%	19%	3%	0%	0%	0%	0%	0%	0%	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°
225	222	215	205	191	174	156	135	113	91	69	43	6	1	1	1	1	1	1	1
100%	99%	95%	91%	85%	77%	69%	60%	50%	40%	31%	19%	3%	0%	0%	0%	0%	0%	0%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
144,3°	214,3°	224,3°	57,1%	36,5%