

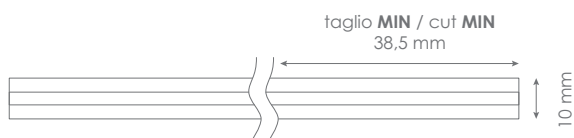
FLEX COB - PLUS 1700-2700

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	18 W/mt
Larghezza Pcb / Width Pcb	10 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	38,5 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-1700-2700	1598 lm/mt	89 lm/mt	2700 K



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RoHS
Compliant

CRI>92

FLEX COB - PLUS 1700-2700

Led Strip

Light efficiency:

89 Lumen/Watt

Light quality:

CRI: 92,6

Color temperature:

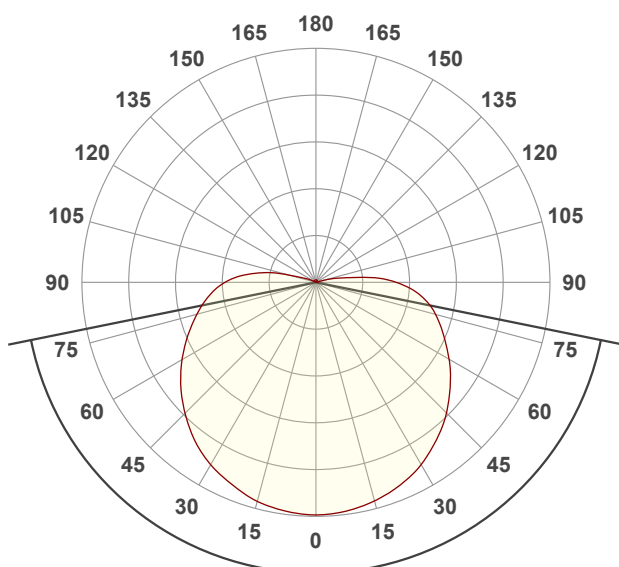
2770 K

Output: 1598 lm

Peak: 341 cd

Power: 18,0 W

24,0V @ 0,750A



Beam angle

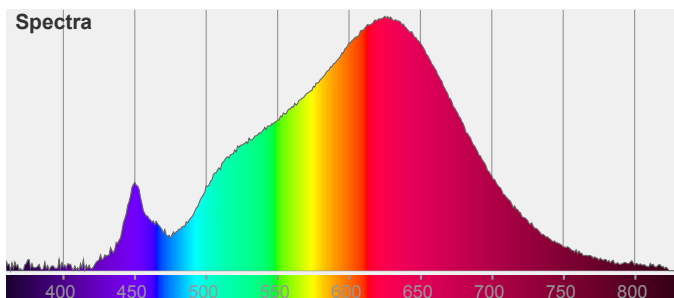
157,1°

Color



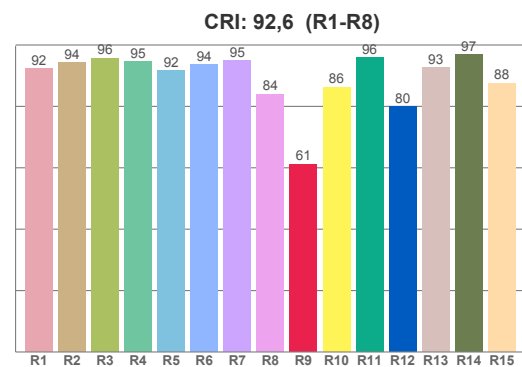
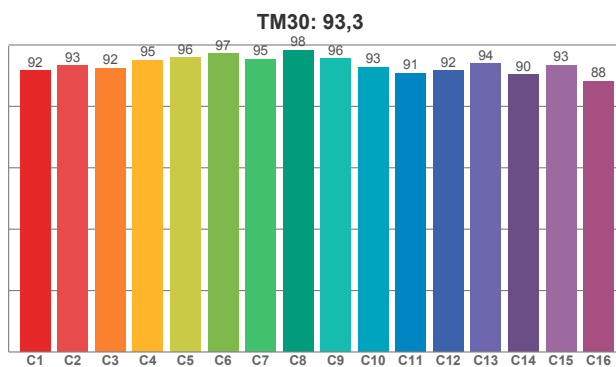
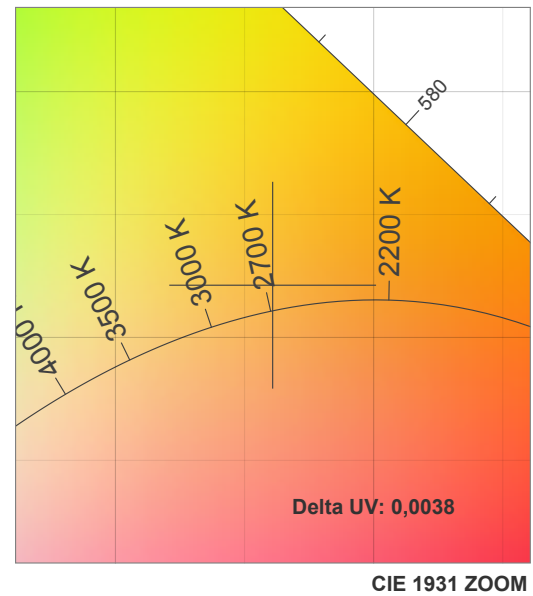
CIE1931
x: 0,461
y: 0,421

Spectra



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

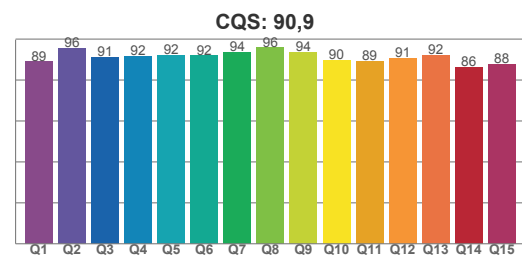
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,35	94,17	95,66	94,58	91,66	93,54	94,85	83,96	61,18	86,23	95,89	79,93	92,53	96,78	87,59

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
91,67	93,34	92,40	95,09	95,83	97,11	95,34	98,33	95,63	92,74	90,87	91,64	93,85	90,39	93,39	88,19

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89,00	95,71	91,21	91,51	92,12	91,93	93,72	95,84	93,81	89,85	89,04	90,85	92,19	86,23	87,70

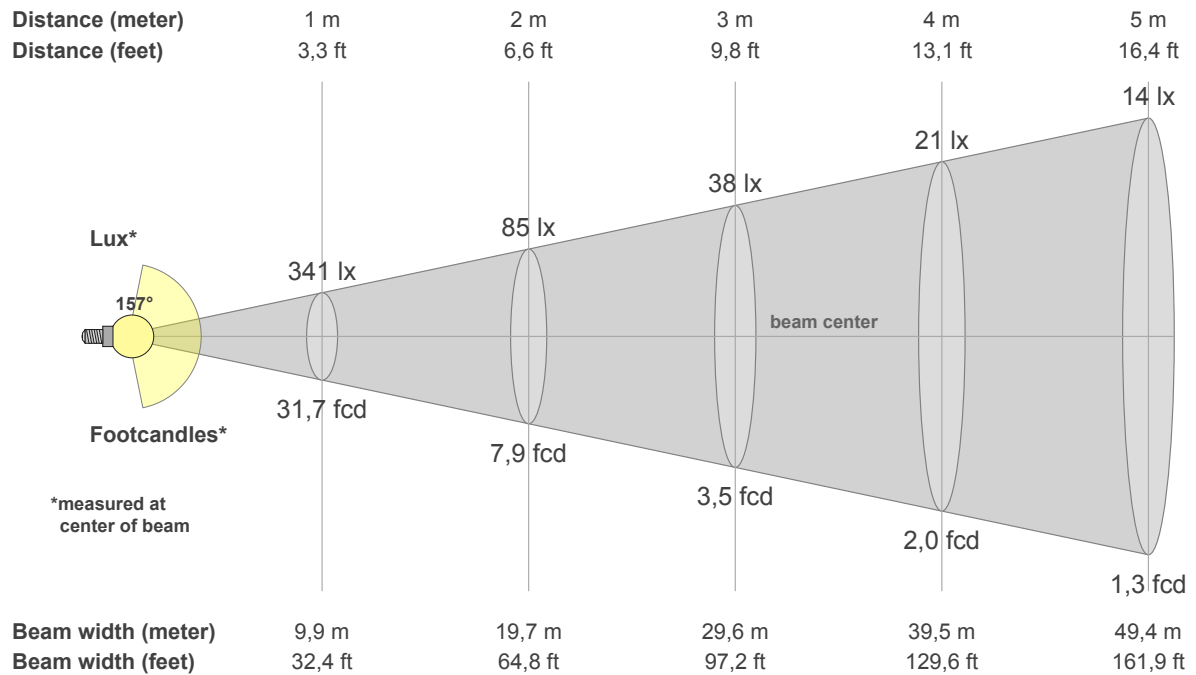


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2770 K	92,6	61,2	93,3	98,1	90,9	0,5	0,4	0,3	0,4	0,0038

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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°
341	337	328	314	294	271	244	216	190	161	116	48	3	3	3	3	3	3	4	4
100%	99%	96%	92%	86%	79%	72%	63%	56%	47%	34%	14%	1%	1%	1%	1%	1%	1%	1%	1%

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0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
341	337	328	314	294	271	244	216	190	161	116	48	3	3	3	3	3	3	4	4
100%	99%	96%	92%	86%	79%	72%	63%	56%	47%	34%	14%	1%	1%	1%	1%	1%	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°
341	337	328	314	296	272	245	217	190	163	132	86	28	3	3	3	3	3	3	4
100%	99%	96%	92%	87%	80%	72%	64%	56%	48%	39%	25%	8%	1%	1%	1%	1%	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°
341	337	328	314	296	272	245	217	190	163	132	86	28	3	3	3	3	3	3	4
100%	99%	96%	92%	87%	80%	72%	64%	56%	48%	39%	25%	8%	1%	1%	1%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
157,1°	207,8°	220,6°	55,4%	35,2%