

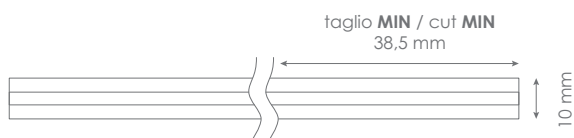
FLEX COB - PLUS 1700-3000

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-1700-3000	1797 lm/mt	100 lm/mt	3000 K



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RoHS
Compliant

CRI>92

FLEX COB - PLUS 1700-3000

Led Strip

Light efficiency:

100 Lumen/Watt

Light quality:

CRI: 92,6

Color temperature:

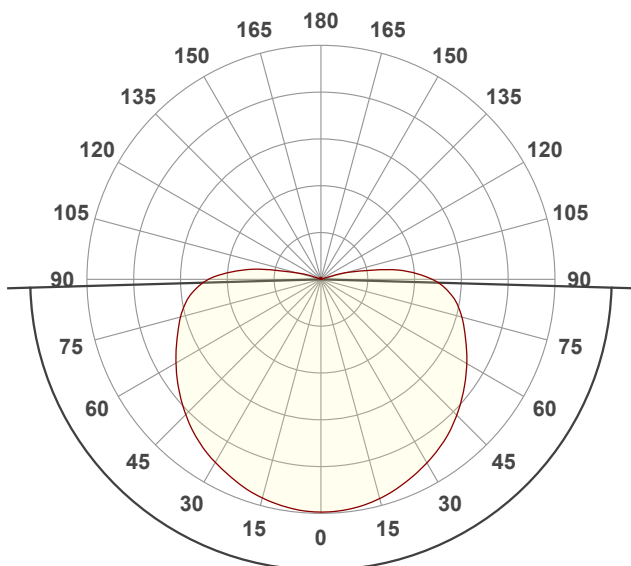
2981 K

Output: 1797 lm

Peak: 347 cd

Power: 18,0 W

24,0V @ 0,750A



Beam angle

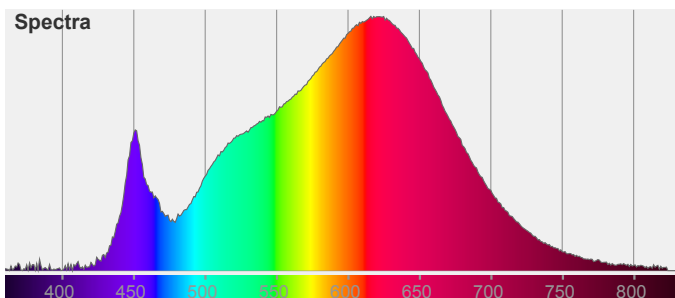
176,7°

Color



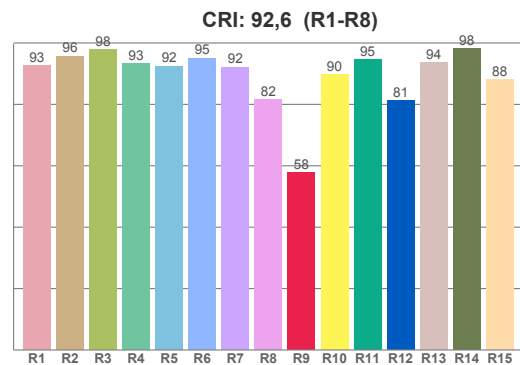
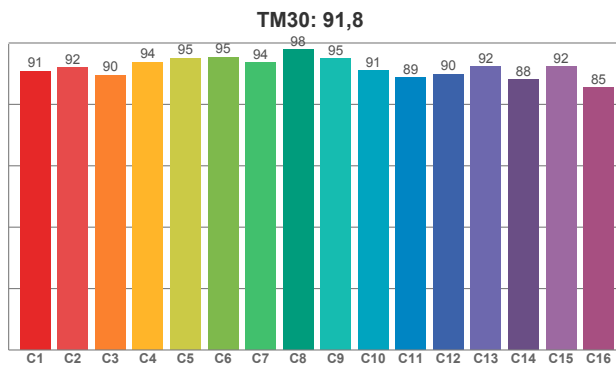
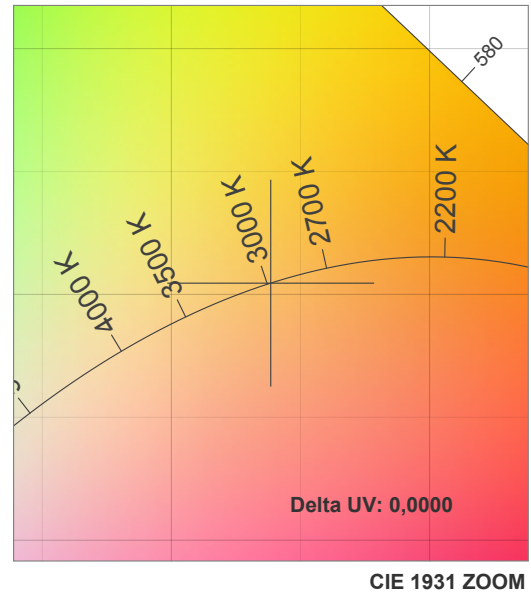
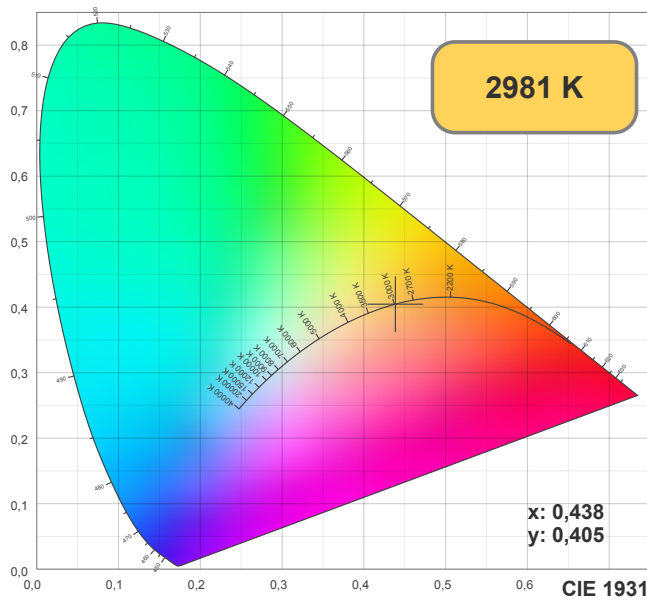
CIE1931
x: 0,438
y: 0,405

Spectra



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

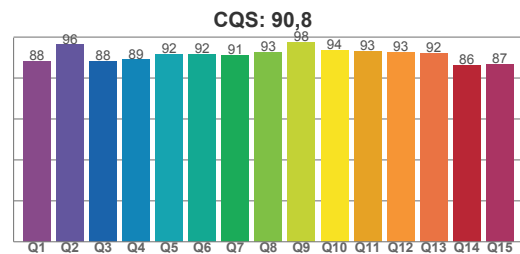
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,69	95,74	97,78	93,35	92,47	94,99	92,17	81,57	57,73	89,59	94,60	81,20	93,53	98,20	88,14

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
90,79	91,99	89,53	93,71	95,03	95,33	93,68	97,88	94,97	90,91	88,66	89,84	92,36	88,08	92,27	85,44

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,32	96,31	88,40	88,93	91,85	91,82	91,07	92,57	97,53	93,71	93,25	92,57	92,15	86,28	86,84

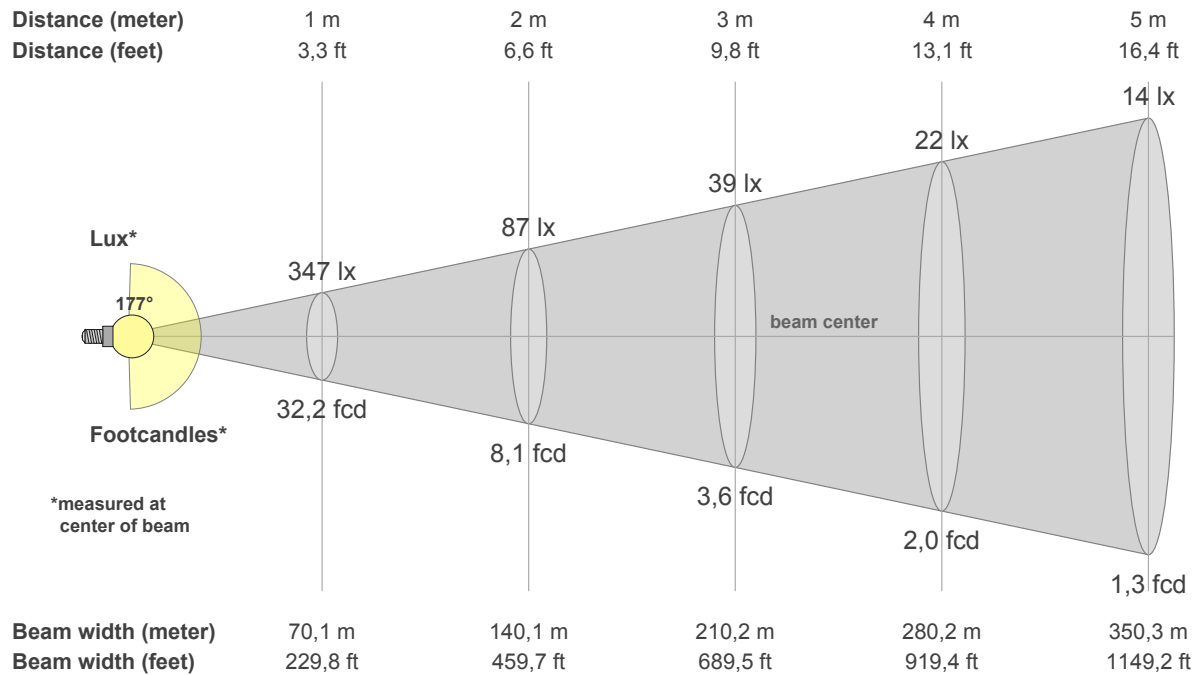


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2981 K	92,6	57,7	91,8	99,6	90,8	0,4	0,4	0,3	0,3	-0,0001

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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°
347	344	335	321	305	287	265	244	224	202	166	95	22	2	2	2	3	2	3	3
100%	99%	97%	93%	88%	83%	77%	70%	65%	58%	48%	27%	6%	1%	1%	1%	1%	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°
347	344	335	321	305	287	265	244	224	202	166	95	22	2	2	2	3	2	3	3
100%	99%	97%	93%	88%	83%	77%	70%	65%	58%	48%	27%	6%	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°
347	343	334	320	305	285	264	243	223	202	166	98	24	3	3	3	3	3	3	3
100%	99%	96%	92%	88%	82%	76%	70%	64%	58%	48%	28%	7%	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°
347	343	334	320	305	285	264	243	223	202	166	98	24	3	3	3	3	3	3	3
100%	99%	96%	92%	88%	82%	76%	70%	64%	58%	48%	28%	7%	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
176,7°	211,3°	221,8°	51,6%	32,2%