

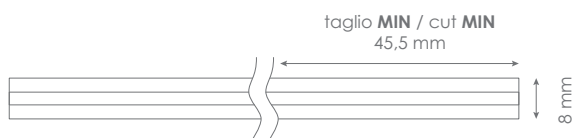
FLEX COB - PLUS 1400-3000

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	14 W/mt
Larghezza Pcb / Width Pcb	8 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-1400-3000	1562 lm/mt	112 lm/mt	3000 K



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RoHS
Compliant

CRI>93

FLEX COB - PLUS 1400-3000

Led Strip

Light efficiency:

112 Lumen/Watt

Light quality:

CRI: 93,2

Color temperature:

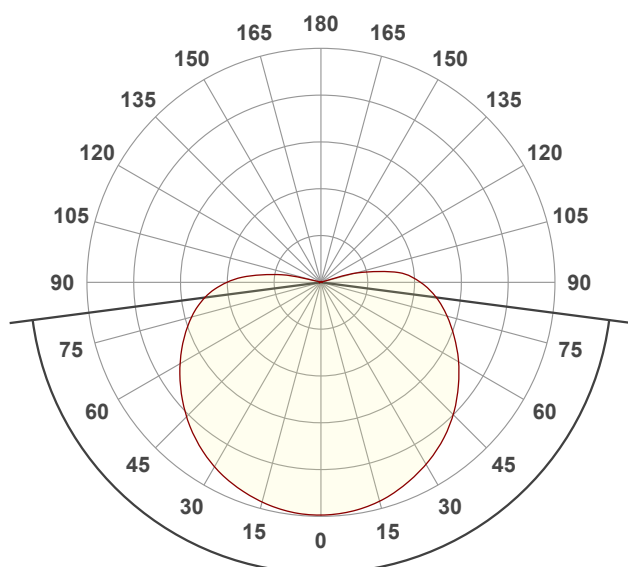
2967 K

Output: 1562 lm

Peak: 319 cd

Power: 14,0 W

24,0V @ 0,583A



Beam angle

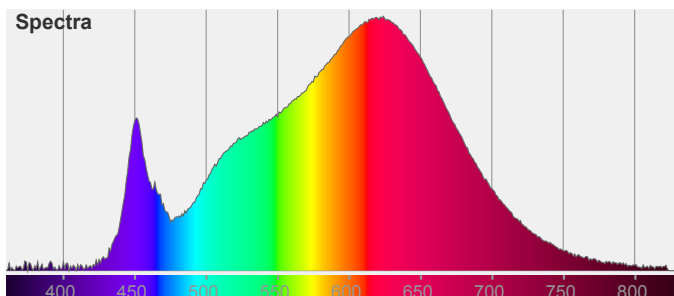
165,1°

Color



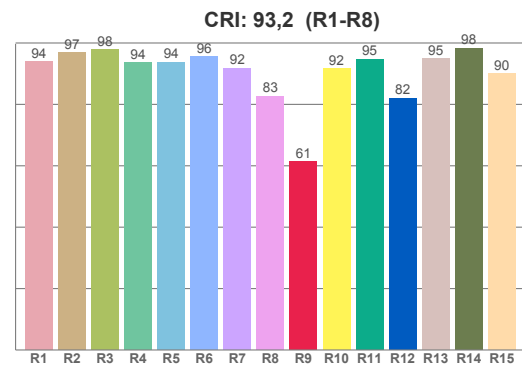
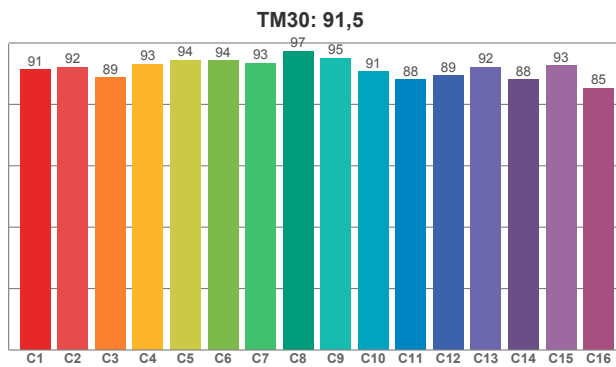
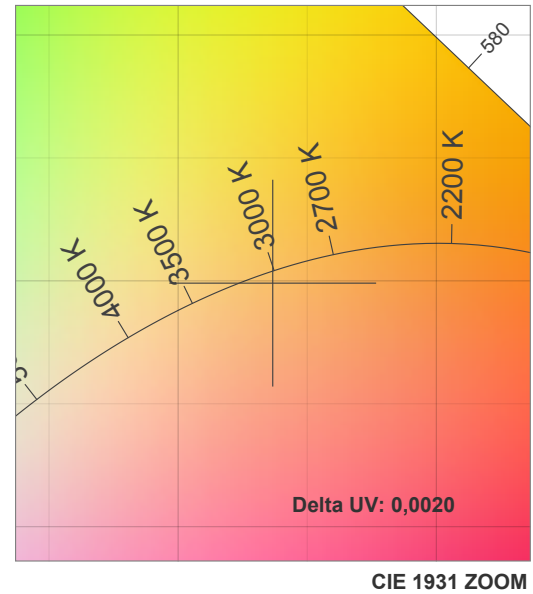
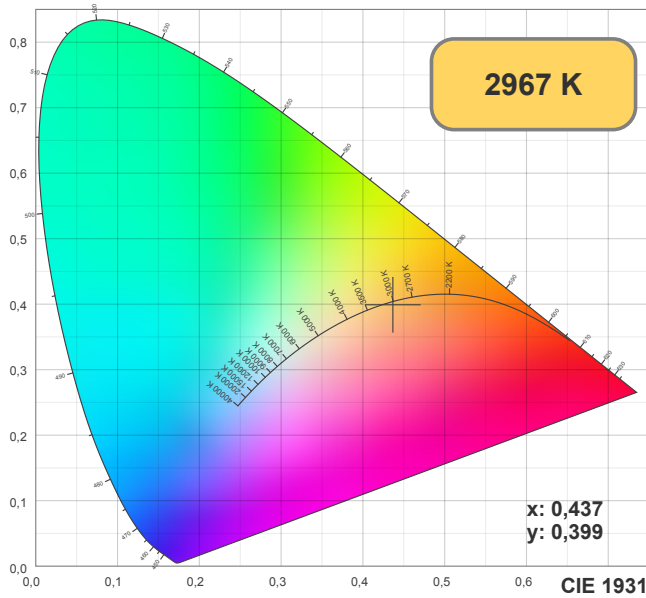
CIE1931
x: 0,437
y: 0,399

Spectra



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

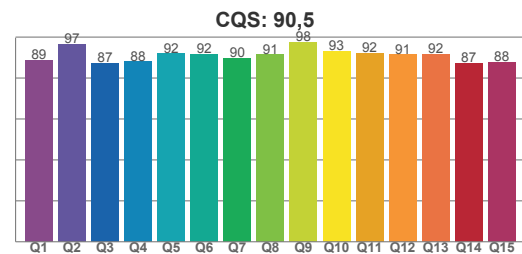
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93,86	96,76	97,87	93,65	93,69	95,60	91,82	82,63	61,35	91,68	94,72	82,03	94,81	98,37	89,92

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
91,33	92,09	88,79	93,11	94,45	94,31	93,40	97,27	95,06	90,62	88,06	89,27	92,17	87,96	92,61	85,29

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,92	96,52	87,28	87,97	91,86	91,84	89,57	91,44	97,56	93,05	92,21	91,43	91,54	87,31	87,61

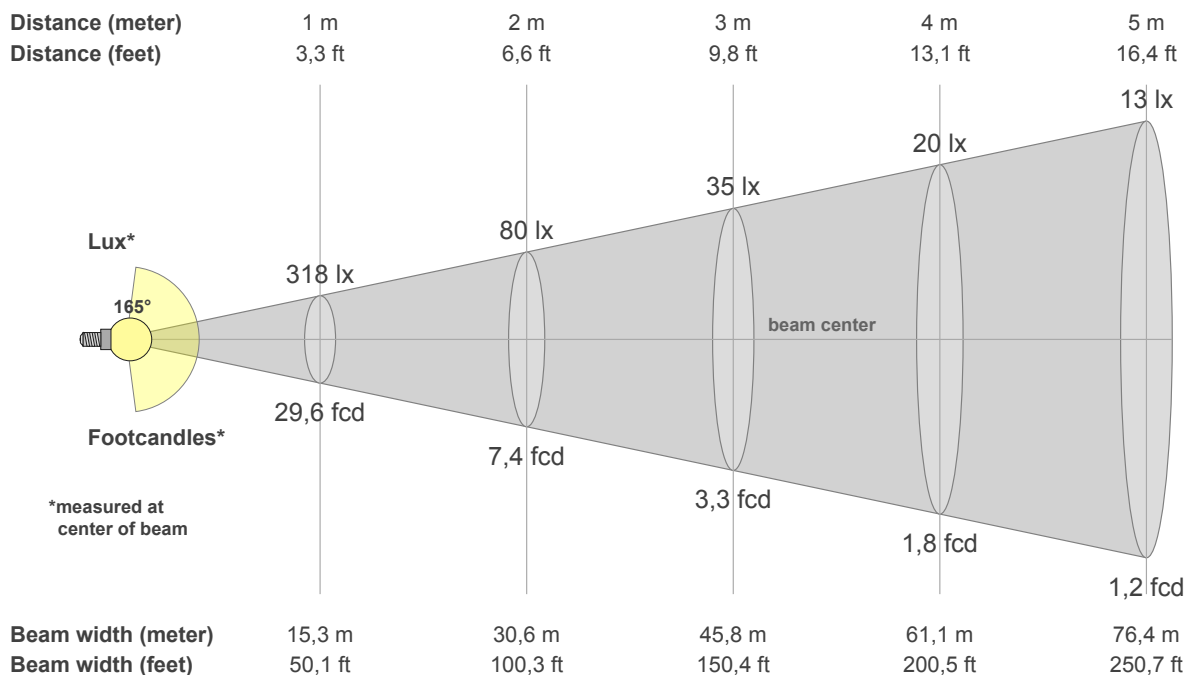


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2967 K	93,2	61,3	91,5	100,5	90,5	0,4	0,4	0,3	0,3	-0,0020

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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°
318	316	307	293	276	256	233	210	187	163	136	94	28	1	1	1	1	1	1	1
100%	99%	96%	92%	87%	80%	73%	66%	59%	51%	43%	29%	9%	0%	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°
318	316	307	293	276	256	233	210	187	163	136	94	28	1	1	1	1	1	1	1
100%	99%	96%	92%	87%	80%	73%	66%	59%	51%	43%	29%	9%	0%	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°
318	316	308	297	280	260	238	215	191	165	127	69	6	1	1	1	1	1	1	1
100%	99%	97%	93%	88%	82%	75%	68%	60%	52%	40%	22%	2%	0%	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°
318	316	308	297	280	260	238	215	191	165	127	69	6	1	1	1	1	1	1	1
100%	99%	97%	93%	88%	82%	75%	68%	60%	52%	40%	22%	2%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
165,1°	211,8°	218,7°	53,8%	33,9%