

FLEX COB SIDE-3000

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	10 W/mt
Larghezza Pcb / Width Pcb	10 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	55 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-SIDE-3000	508 lm/mt	51 lm/W	3000 K



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RoHS
Compliant

CRI>90

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Light efficiency:

51 Lumen/Watt

Light quality:

CRI: 93,2

Color temperature:

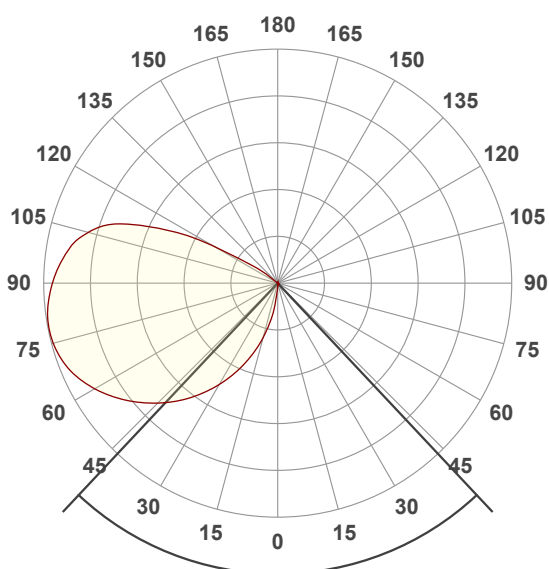
3021 K

Output: 508 lm

Peak: 133 cd

Power: 10,0 W

24,0V @ 0,417A



Beam angle

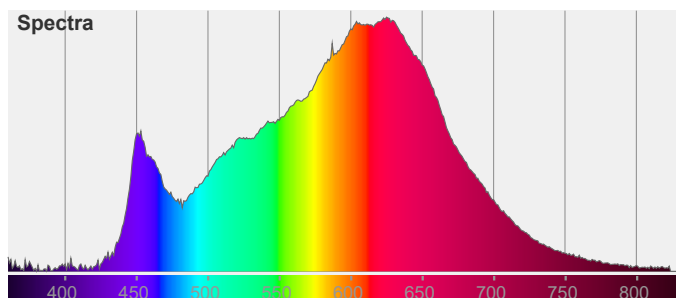
86,4°

Color



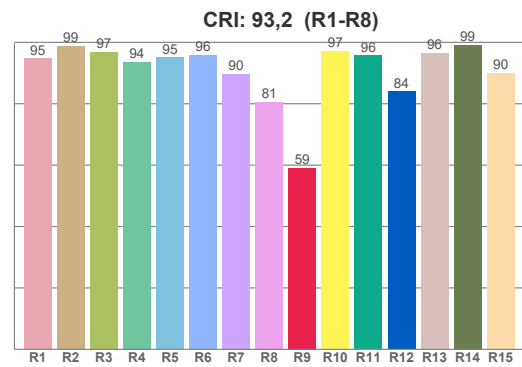
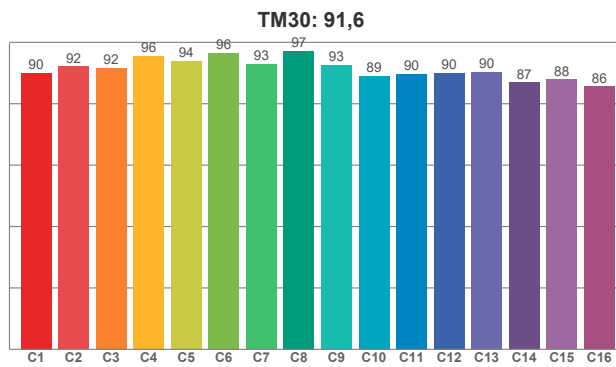
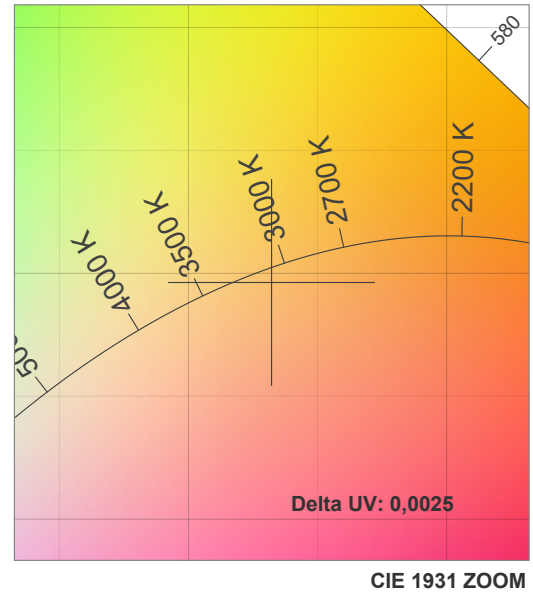
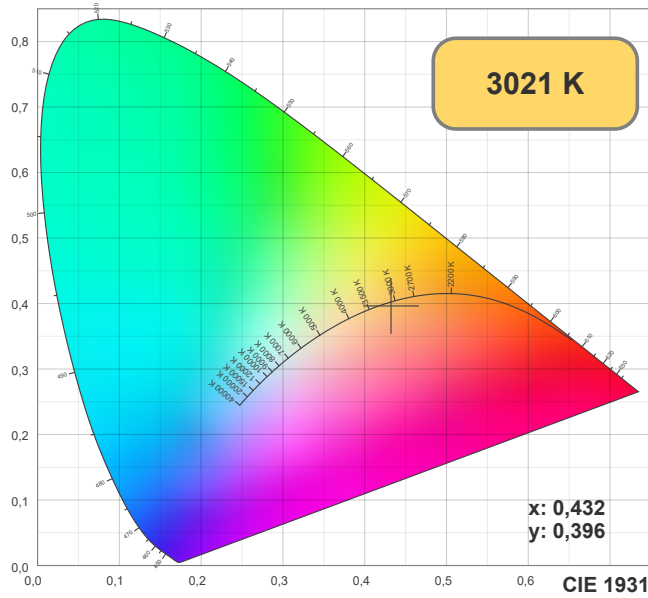
CIE1931
x: 0,432
y: 0,396

Spectra



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

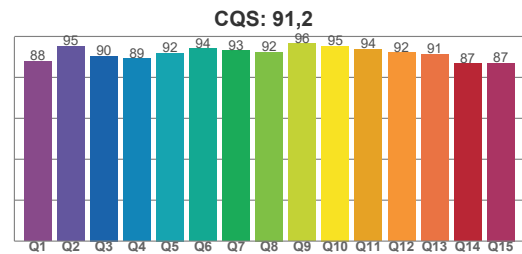
R1	R2	R3	R4	R5	R6	R7	R8
94,69	98,92	96,76	93,63	95,05	95,91	89,73	80,62

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
90,09	92,10	91,70	95,53	93,97	96,44	92,83	97,11	92,60	89,05	89,71	90,01	90,37	86,92	87,92	85,56

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,92	95,23	90,41	89,12	91,90	94,06	93,04	92,37	96,43	95,38	93,80	92,05	91,28	86,73	87,03

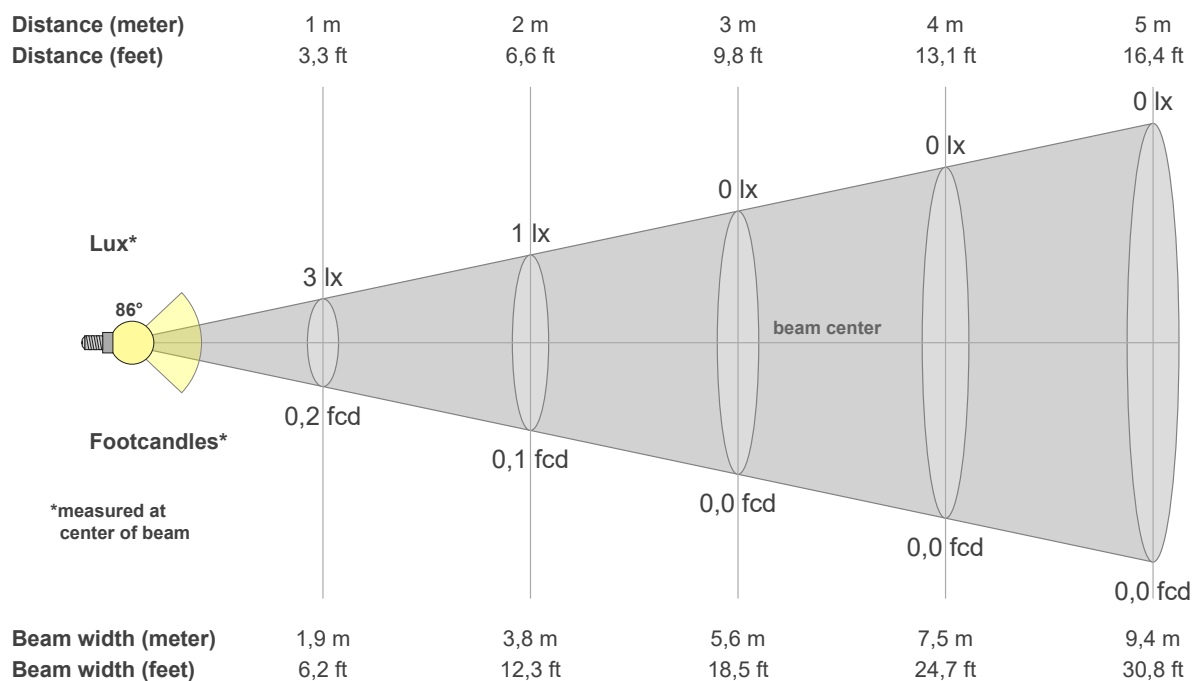


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3021 K	93,2	59,2	91,6	98,6	91,2	0,4	0,4	0,3	0,3	-0,0025

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Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3	10	20	32	44	56	67	77	87	97	105	113	121	126	130	133	133	131	129	125
100%	379%	808%	1287%	1757%	2217%	2660%	3080%	3480%	3856%	4197%	4513%	4802%	5024%	5180%	5277%	5286%	5224%	5116%	4964%

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100%	379%	808%	1287%	1757%	2217%	2660%	3080%	3480%	3856%	4197%	4513%	4802%	5024%	5180%	5277%	5286%	5224%	5116%	4964%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
86,4°	119,7°	128,9°	25,9%	11,8%