

FLEX COB SIDE-2700

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-2700	594 lm/mt	59 lm/W	2700 K



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RoHS
Compliant

CRI>90

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Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 91,5

Color temperature:

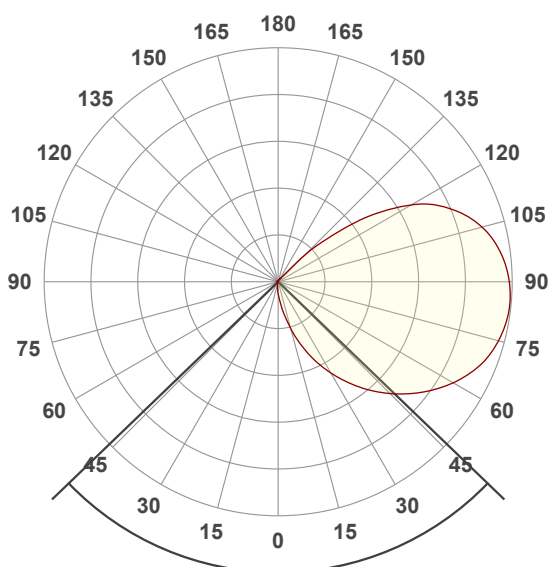
2793 K

Output: 594 lm

Peak: 142 cd

Power: 10,0 W

24,0V @ 0,417A



Beam angle

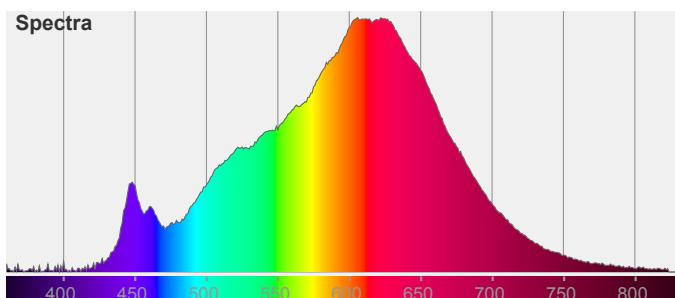
92,2°

Color



CIE1931
x: 0,456
y: 0,416

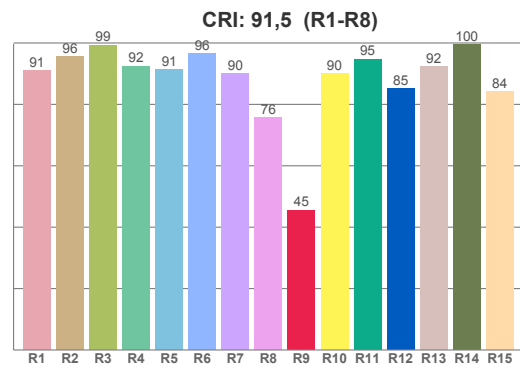
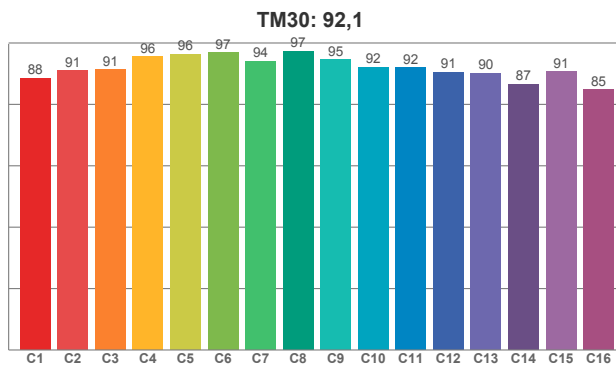
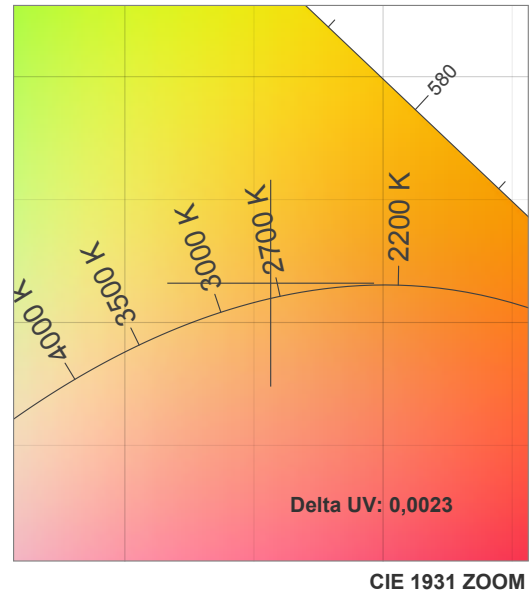
Spectra



Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com

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

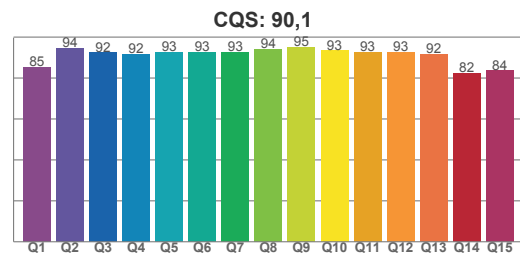
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
91,01	95,60	99,35	92,43	91,29	96,49	90,01	75,70	45,48	89,99	94,70	85,15	92,27	99,54	84,08

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
88,50	91,00	91,23	95,58	96,35	96,85	94,11	97,27	94,61	92,16	91,89	90,53	90,22	86,61	90,61	84,75

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85,14	94,47	92,36	91,78	92,55	92,73	92,81	94,10	95,17	93,40	92,79	92,60	91,55	82,37	83,56

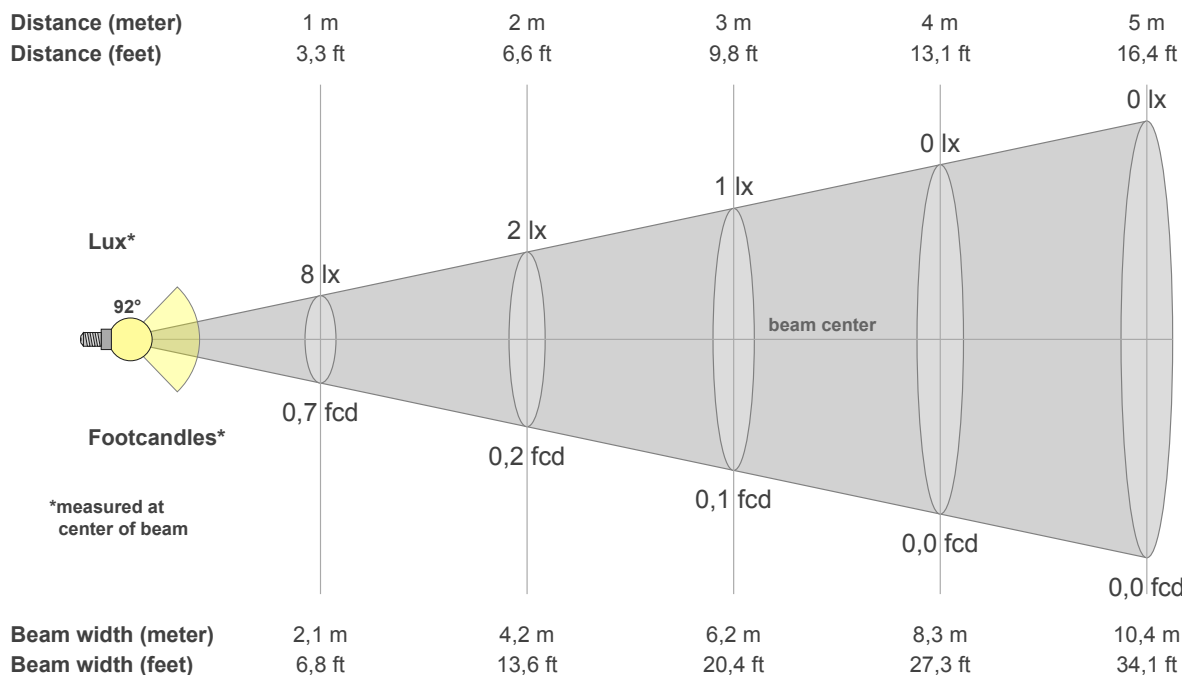


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2793 K	91,5	45,5	92,1	97,0	90,1	0,5	0,4	0,3	0,4	0,0023

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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°
8	12	20	30	41	53	64	76	86	97	106	115	124	130	136	140	141	142	142	139
100%	162%	256%	392%	539%	691%	838%	982%	1124%	1257%	1382%	1500%	1607%	1695%	1766%	1814%	1839%	1848%	1840%	1804%

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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°
8	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
100%	59%	33%	21%	14%	9%	7%	8%	9%	9%	10%	11%	12%	12%	13%	14%	14%	14%	13%	13%

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°
8	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
100%	59%	33%	21%	14%	9%	7%	8%	9%	9%	10%	11%	12%	12%	13%	14%	14%	14%	13%	13%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,2°	131,7°	150,8°	22,3%	10,0%