

FLEX RESINA 10-2700

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	50 mm
N° LED	120 / mt
IP	20
Temperatura esercizio Storage Temperature	- 30° C - + 70°C
Lifetime	L70B20 50000H

	Flusso Luminoso Luminous Flux	Efficienza Efficiency	Colore Luce Led Color
DA-RESINA10-2700	616 lm/mt	62 lm/mt	2700 K



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CRI>92

1 SDCM

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Light efficiency:

62 Lumen/Watt

Light quality:

CRI: 93,0

Color temperature:

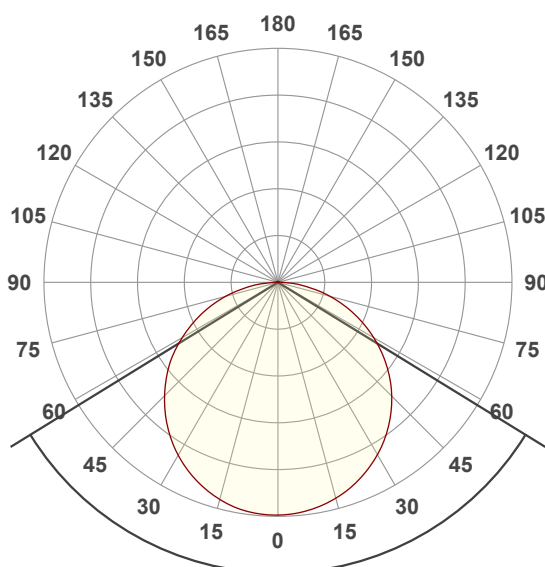
2778 K

Output: 616 lm

Peak: 201 cd

Power: 10,0 W

24,0V @ 0,417A



Beam angle

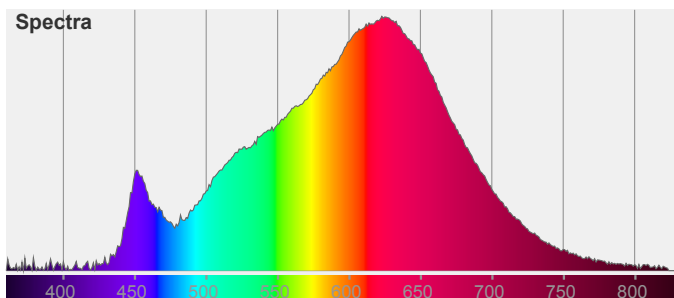
116,8°

Color



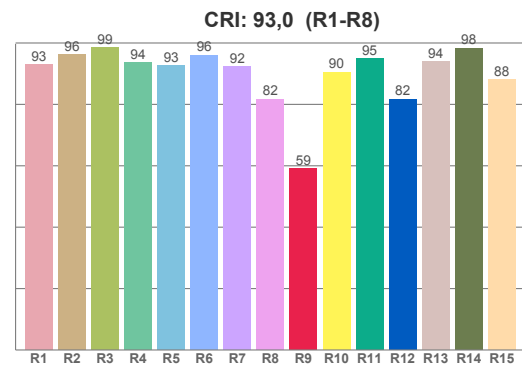
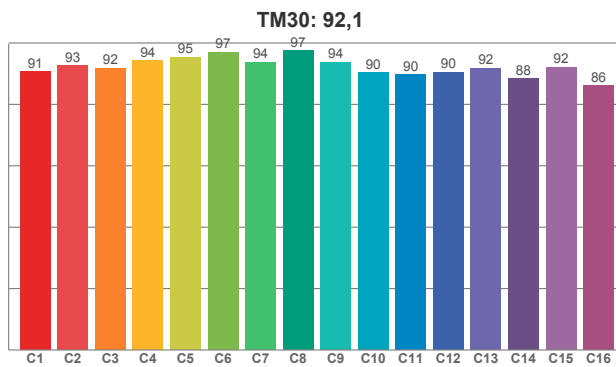
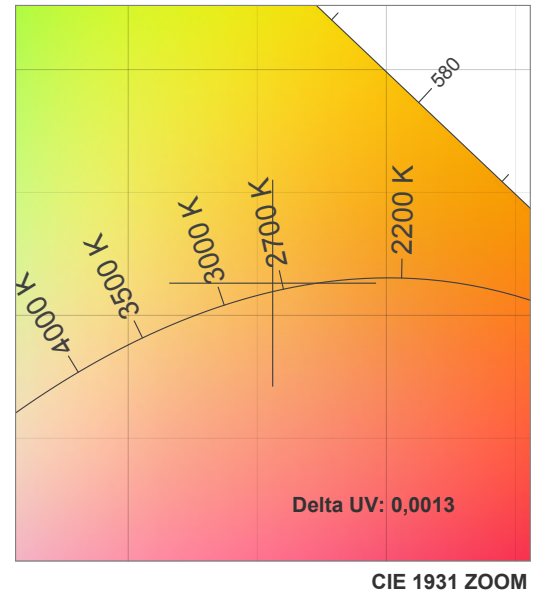
CIE1931
x: 0,456
y: 0,413

Spectra



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

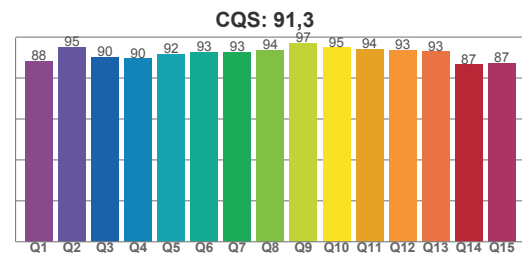
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93,02	96,24	98,51	93,54	92,63	96,09	92,35	81,71	58,97	90,48	94,91	81,64	93,89	98,34	88,14

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
90,58	92,56	91,82	94,30	95,35	97,07	93,70	97,41	93,69	90,26	89,61	90,49	91,84	88,32	92,13	86,02

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,08	95,01	90,21	89,50	91,74	92,60	92,80	93,79	97,19	94,86	93,96	93,50	92,86	86,51	87,18

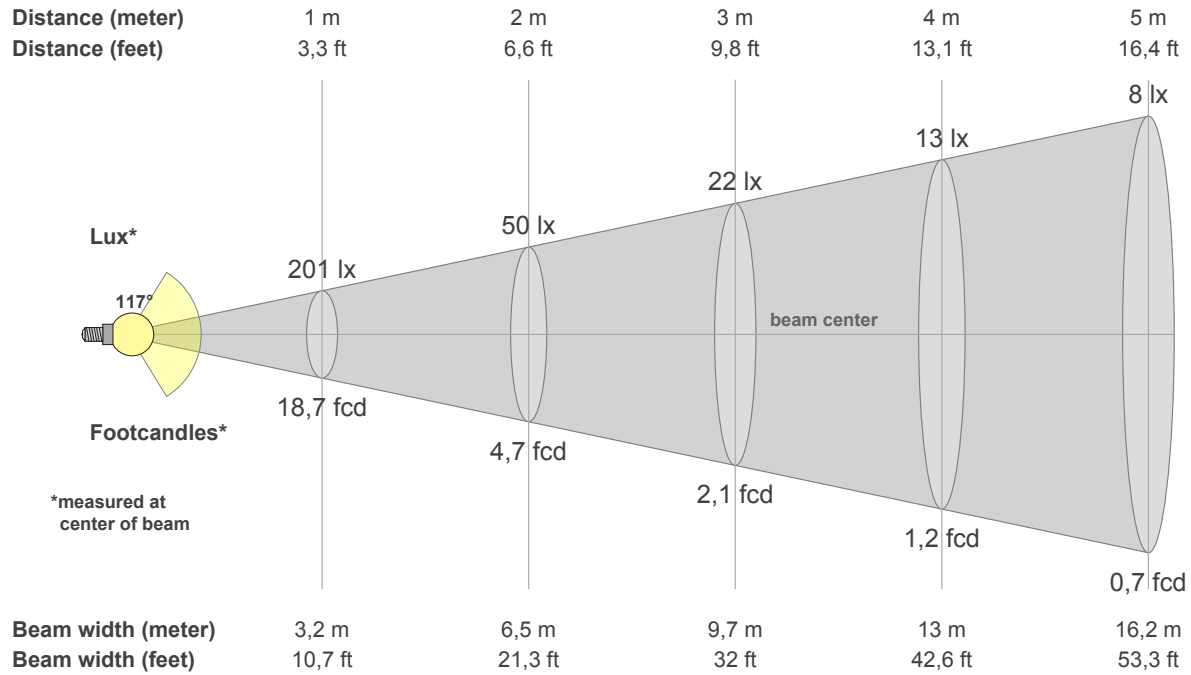


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2778 K	93,0	59,0	92,1	98,1	91,3	0,5	0,4	0,3	0,4	0,0013

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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°
201	200	197	193	187	180	172	162	151	139	125	111	96	80	63	47	31	16	5	2
100%	100%	98%	96%	93%	90%	86%	81%	75%	69%	62%	55%	48%	40%	31%	23%	15%	8%	3%	1%

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201	200	197	193	187	180	172	162	151	139	125	111	96	80	63	47	31	16	5	2
100%	100%	98%	96%	93%	90%	86%	81%	75%	69%	62%	55%	48%	40%	31%	23%	15%	8%	3%	1%

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°
201	200	199	194	188	181	172	162	151	139	125	111	95	80	63	47	31	16	4	2
100%	100%	99%	97%	94%	90%	86%	81%	75%	69%	62%	55%	48%	40%	32%	23%	15%	8%	2%	1%

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°
201	200	199	194	188	181	172	162	151	139	125	111	95	80	63	47	31	16	4	2
100%	100%	99%	97%	94%	90%	86%	81%	75%	69%	62%	55%	48%	40%	32%	23%	15%	8%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
116,8°	166,7°	179,5°	75,4%	50,7%