

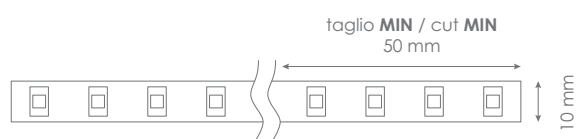
FLEX RESINA 20-2700

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	20 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-RESINA20-2700	1460 lm/mt	73 lm/mt	2700 K



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Led Strip

Light efficiency:

73 Lumen/Watt

Light quality:

CRI: 92,3

Color temperature:

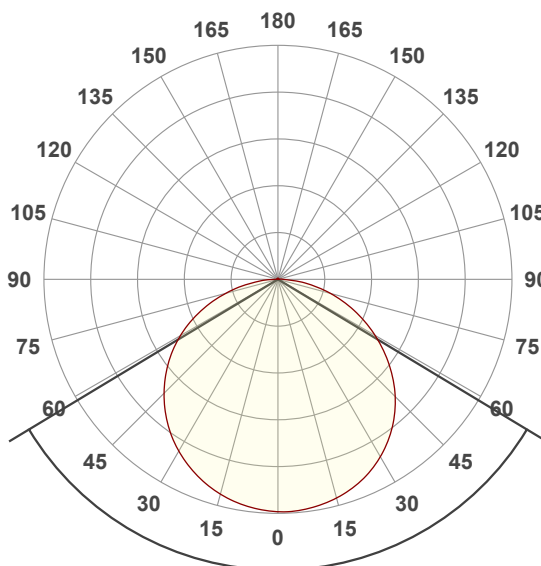
2770 K

Output: 1460 lm

Peak: 471 cd

Power: 20,0 W

24,0V @ 0,833A



Beam angle

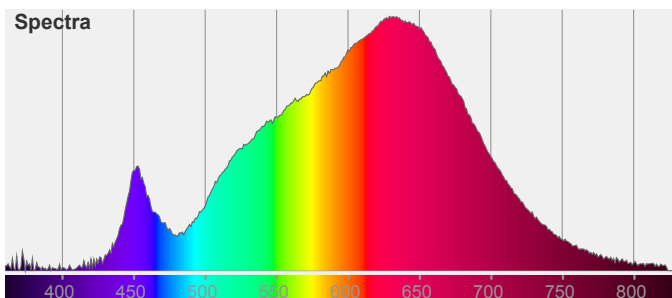
117,8°

Color



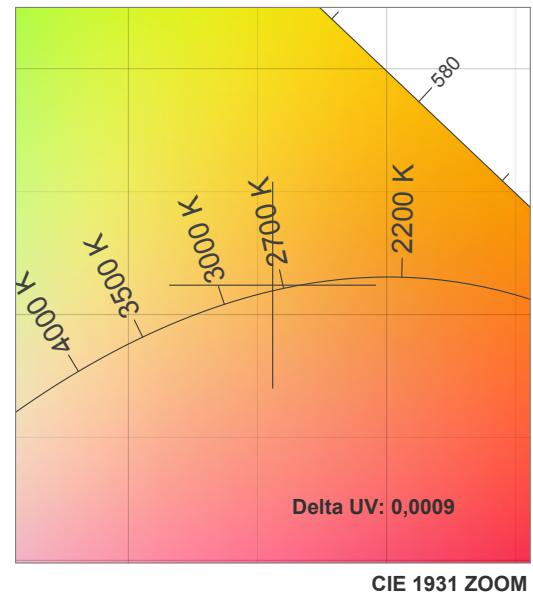
CIE1931
x: 0,456
y: 0,412

Spectra

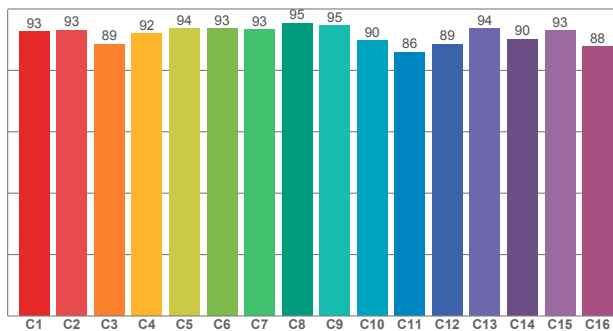


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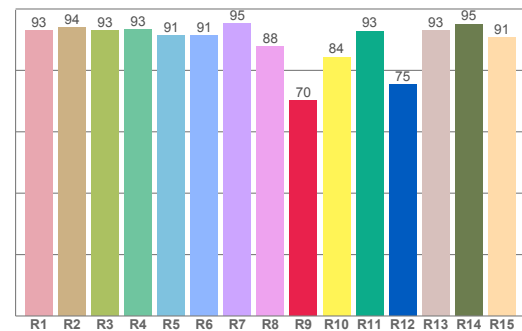
Led Strip



TM30: 91,4



CRI: 92,3 (R1-R8)



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
92,85	93,96	93,01	93,26	91,33	91,31	95,29	87,73	70,18	84,30	92,76	75,32	92,85	95,11	90,63

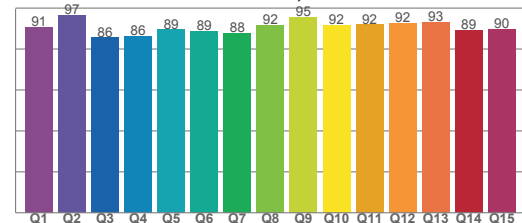
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,63	93,13	88,57	91,96	93,59	93,49	93,19	95,32	94,55	89,74	85,97	88,55	93,67	90,17	93,03	87,68

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,72	96,75	85,60	86,28	89,47	88,55	87,71	91,61	95,49	91,65	91,88	92,48	93,01	89,25	89,59

CQS: 90,1

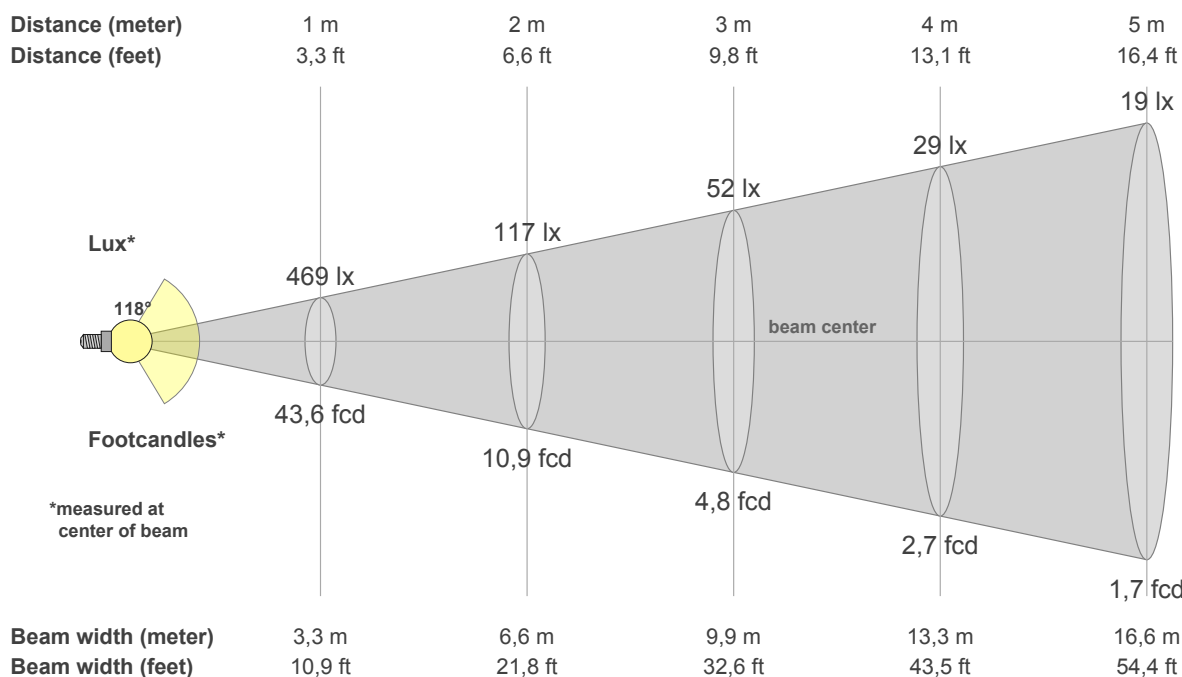


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2770 K	92,3	70,2	91,4	100,9	90,1	0,5	0,4	0,3	0,4	0,0009

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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°
469	469	465	457	447	433	414	391	365	335	301	265	227	188	149	110	73	40	11	4
100%	100%	99%	97%	95%	92%	88%	83%	78%	71%	64%	56%	48%	40%	32%	24%	16%	8%	2%	1%

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°
469	469	465	457	447	433	414	391	365	335	301	265	227	188	149	110	73	40	11	4
100%	100%	99%	97%	95%	92%	88%	83%	78%	71%	64%	56%	48%	40%	32%	24%	16%	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°
469	467	459	449	436	420	400	379	353	325	295	263	227	190	150	110	72	35	14	3
100%	99%	98%	96%	93%	89%	85%	81%	75%	69%	63%	56%	48%	40%	32%	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°
469	467	459	449	436	420	400	379	353	325	295	263	227	190	150	110	72	35	14	3
100%	99%	98%	96%	93%	89%	85%	81%	75%	69%	63%	56%	48%	40%	32%	23%	15%	8%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,8°	167,2°	180,2°	75,4%	50,6%