

FLEX RESINA 15-2700

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	15 W/mt
Larghezza Pcb / Width Pcb	10 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	35 mm
N° LED	180 / 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-RESINA15-2700	1047 lm/mt	70 lm/mt	2700 K



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Light efficiency:

70 Lumen/Watt

Light quality:

CRI: 92,7

Color temperature:

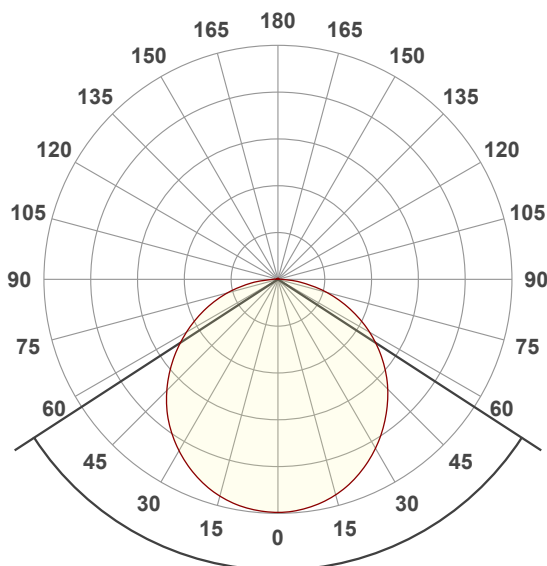
2785 K

Output: 1047 lm

Peak: 351 cd

Power: 15,0 W

24,0V @ 0,625A



Beam angle

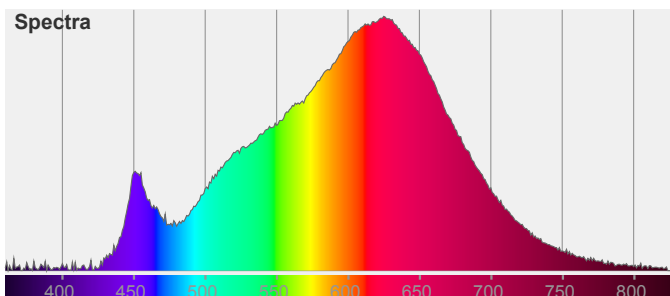
114°

Color



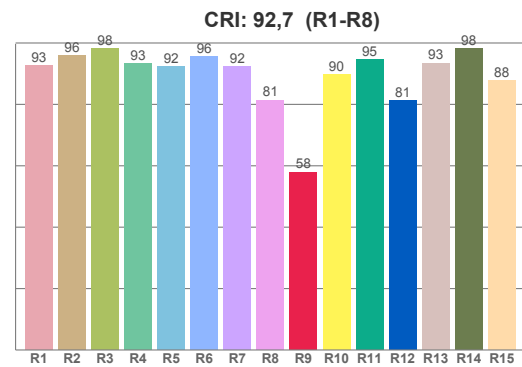
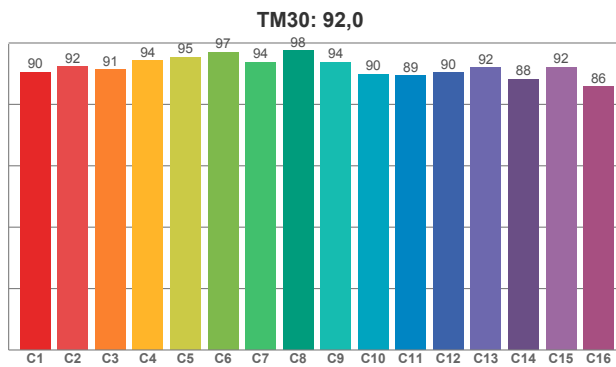
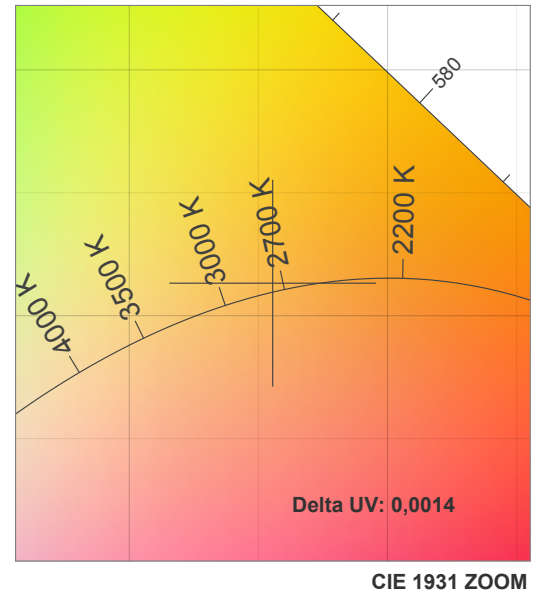
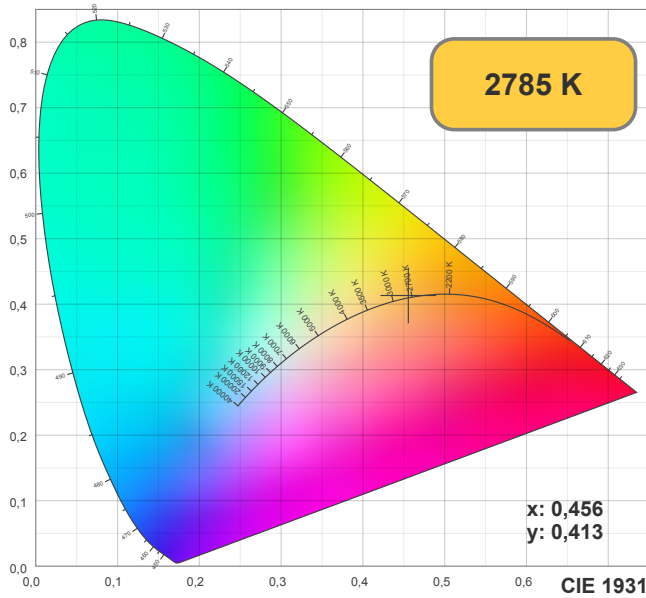
CIE1931
x: 0,456
y: 0,413

Spectra



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

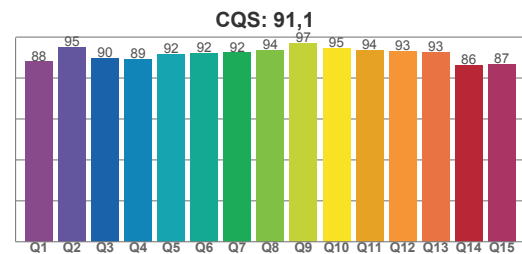
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,63	95,89	98,24	93,26	92,21	95,63	92,32	81,32	57,86	89,71	94,50	81,20	93,48	98,20	87,74

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
90,43	92,33	91,36	94,31	95,33	96,97	93,76	97,52	93,76	89,83	89,34	90,35	91,92	88,19	92,14	85,82

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,96	95,11	89,90	89,30	91,55	92,26	92,45	93,61	97,20	94,65	93,69	93,23	92,62	86,15	86,88

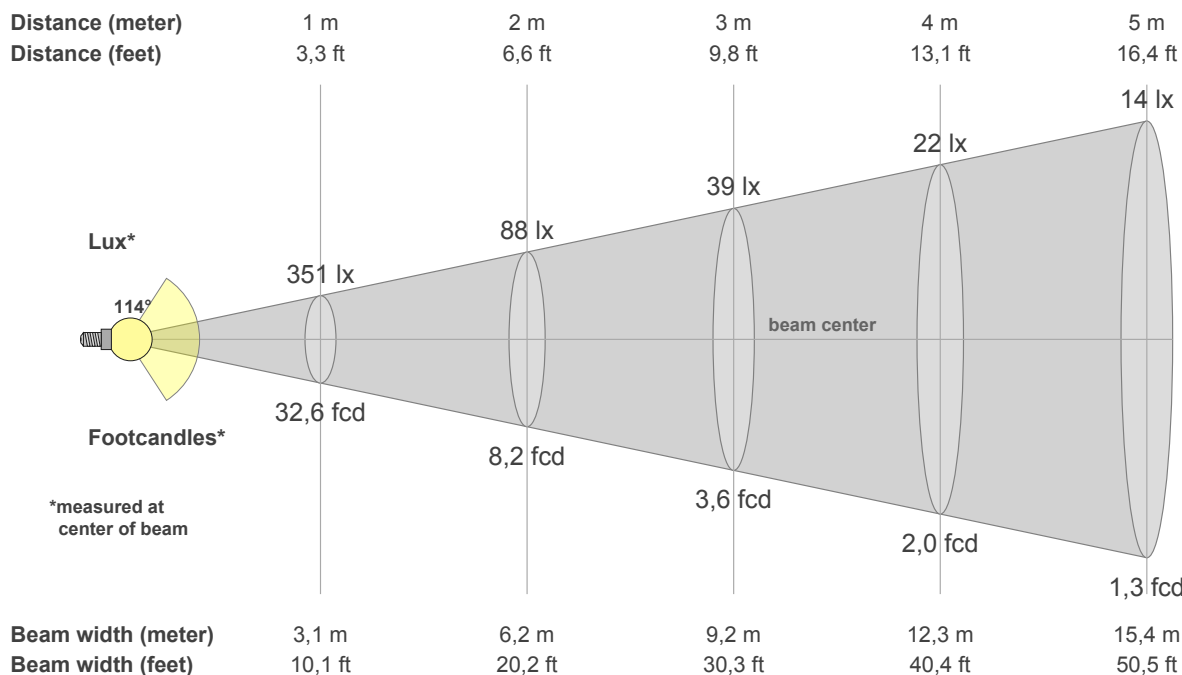


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2785 K	92,7	57,9	92,0	98,1	91,1	0,5	0,4	0,3	0,4	0,0014

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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°
351	350	345	336	325	311	294	276	256	234	211	186	160	132	104	77	49	26	7	3
100%	100%	98%	96%	93%	89%	84%	79%	73%	67%	60%	53%	46%	38%	30%	22%	14%	7%	2%	1%

Intensities in 0° c-plane

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351	350	345	336	325	311	294	276	256	234	211	186	160	132	104	77	49	26	7	3
100%	100%	98%	96%	93%	89%	84%	79%	73%	67%	60%	53%	46%	38%	30%	22%	14%	7%	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°
351	350	346	338	328	315	299	280	260	237	212	186	160	133	106	79	52	28	8	3
100%	100%	99%	96%	93%	90%	85%	80%	74%	68%	60%	53%	45%	38%	30%	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°
351	350	346	338	328	315	299	280	260	237	212	186	160	133	106	79	52	28	8	3
100%	100%	99%	96%	93%	90%	85%	80%	74%	68%	60%	53%	45%	38%	30%	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
114,0°	166,1°	178,9°	75,9%	51,4%