

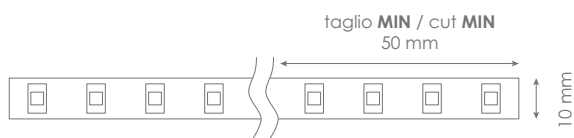
# FLEX - PLUS 1900-2700

## 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-PLUS-1900-2700	1613 lm/mt	135 lm/W	2700 K



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**FLEX - PLUS 1900-2700**  
*Led Strip*

Light efficiency:



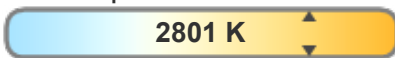
**Output: 1613 lm**

Light quality:

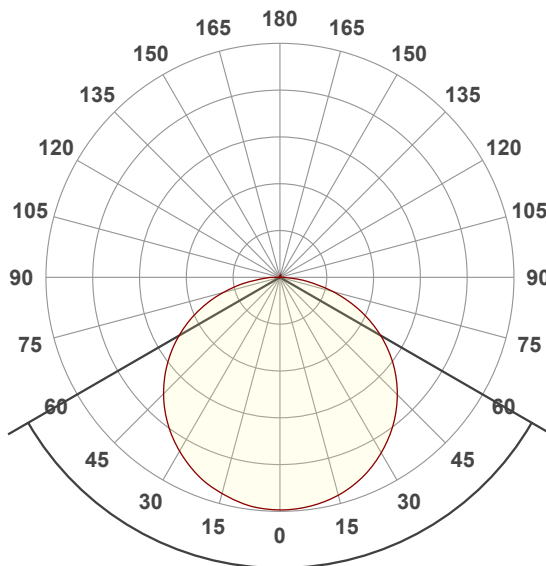


**Peak: 513 cd**

Color temperature:



**Power: 20,0 W**  
**24,0V @ 0,833A**



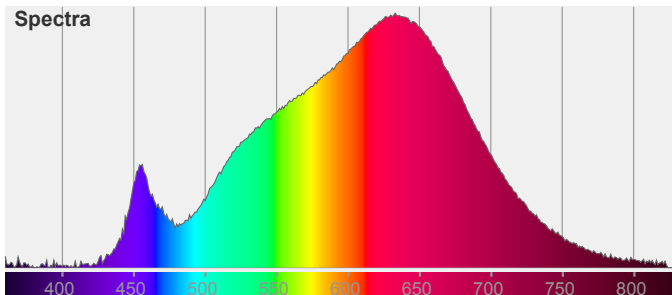
Beam angle **120°**

Color



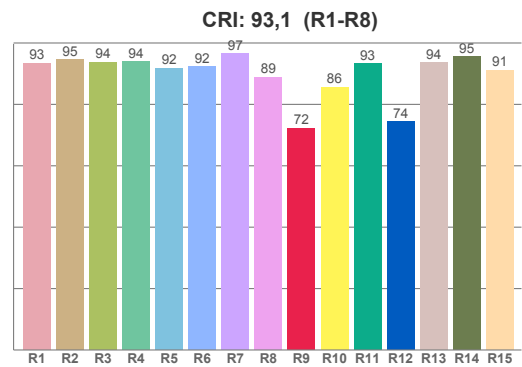
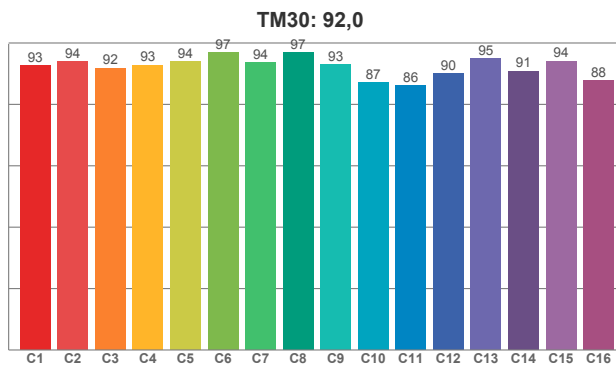
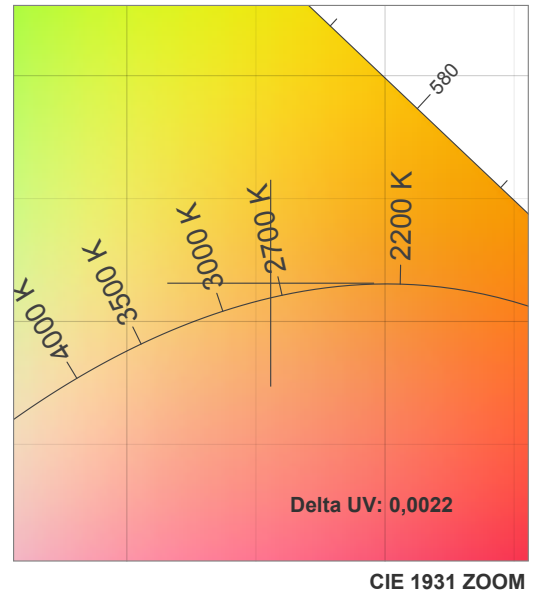
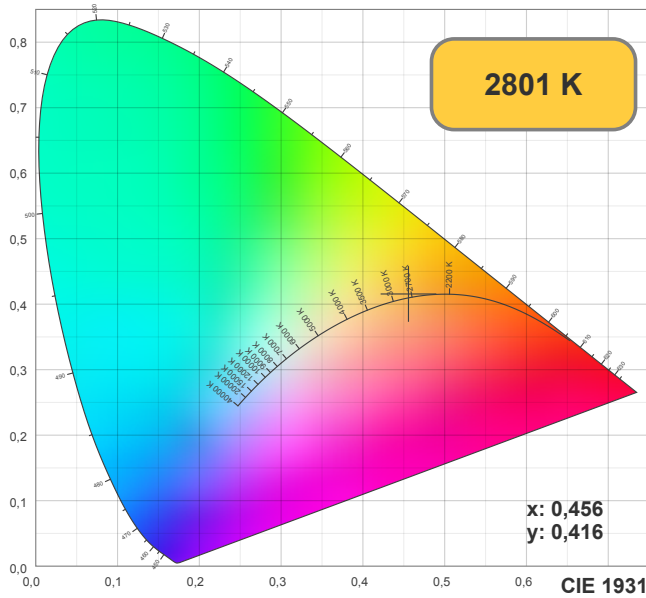
CIE1931  
x: 0,456  
y: 0,416

Spectra



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## Led Strip



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

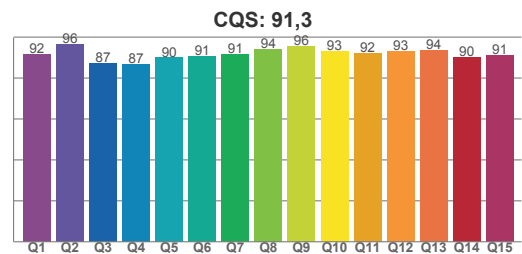
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93,48	94,59	93,71	93,96	91,81	92,22	96,53	88,85	72,31	85,55	93,31	74,28	93,50	95,46	91,09

**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
92,70	93,93	91,82	92,77	93,96	96,79	93,52	96,77	92,92	87,00	86,19	90,04	94,87	90,88	94,11	87,79

**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,65	96,42	87,41	86,78	89,91	90,85	91,49	94,03	95,50	93,29	92,08	93,01	93,63	90,09	91,00

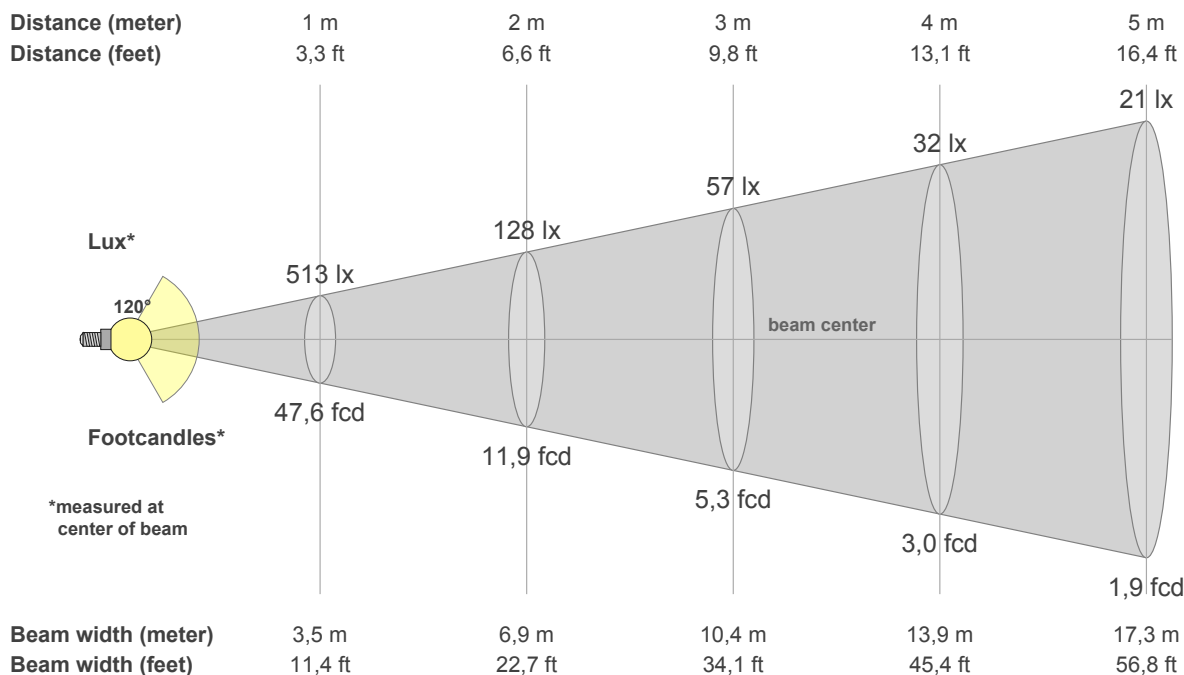


### Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2801 K	93,1	72,3	92,0	98,9	91,3	0,5	0,4	0,3	0,4	0,0022

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## Led Strip



### 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°
513	511	506	497	484	467	447	422	396	366	332	296	256	213	168	121	75	38	9	3
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	33%	24%	15%	7%	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°
513	511	506	497	484	467	447	422	396	366	332	296	256	213	168	121	75	38	9	3
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	65%	58%	50%	42%	33%	24%	15%	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°
513	510	503	493	481	463	442	419	392	362	330	294	256	217	174	130	87	46	19	2
100%	100%	98%	96%	94%	90%	86%	82%	76%	71%	64%	57%	50%	42%	34%	25%	17%	9%	4%	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°
513	510	503	493	481	463	442	419	392	362	330	294	256	217	174	130	87	46	19	2
100%	100%	98%	96%	94%	90%	86%	82%	76%	71%	64%	57%	50%	42%	34%	25%	17%	9%	4%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
120,0°	167,3°	180,2°	75,1%	50,0%