

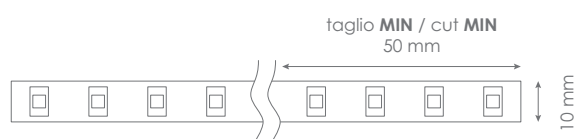
FLEX - PLUS 1900-3000

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-1900-3000	1750 lm/mt	87 lm/W	3000 K



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Light efficiency:

88 Lumen/Watt

Light quality:

CRI: 92,5

Color temperature:

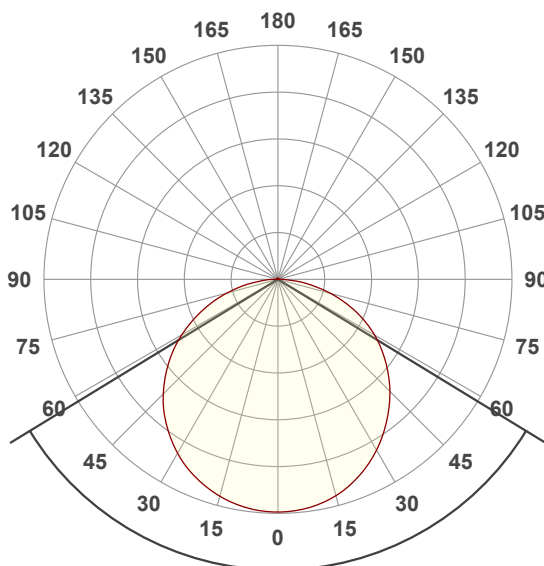
3062 K

Output: 1750 lm

Peak: 572 cd

Power: 20,0 W

24,0V @ 0,833A



Beam angle

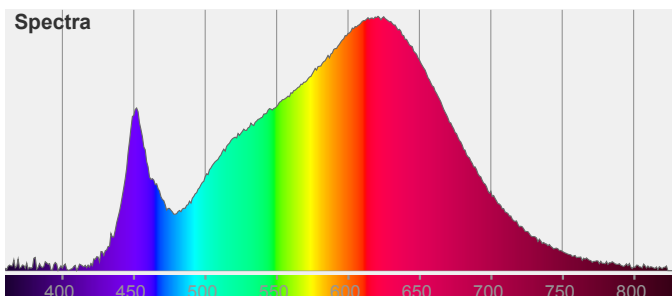
117,2°

Color



CIE1931
x: 0,430
y: 0,396

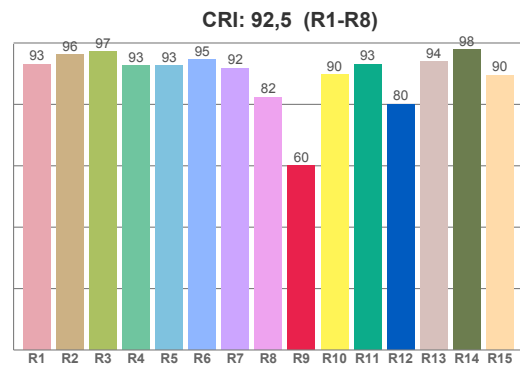
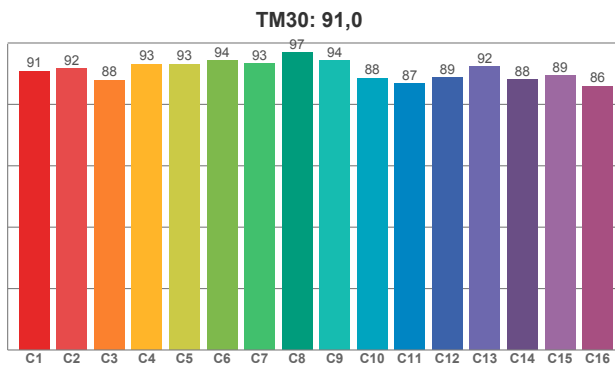
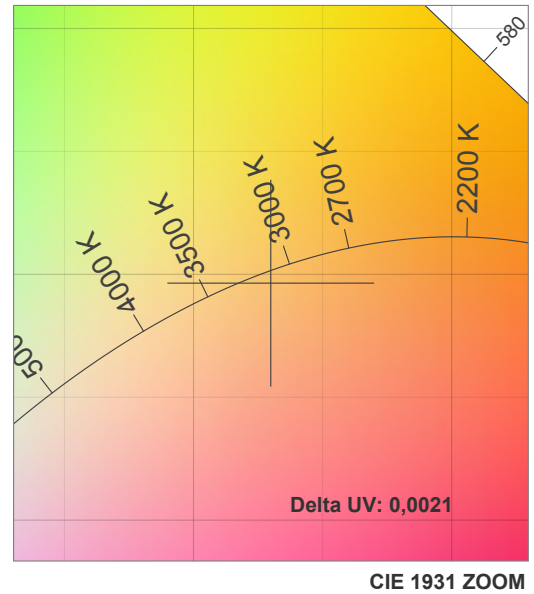
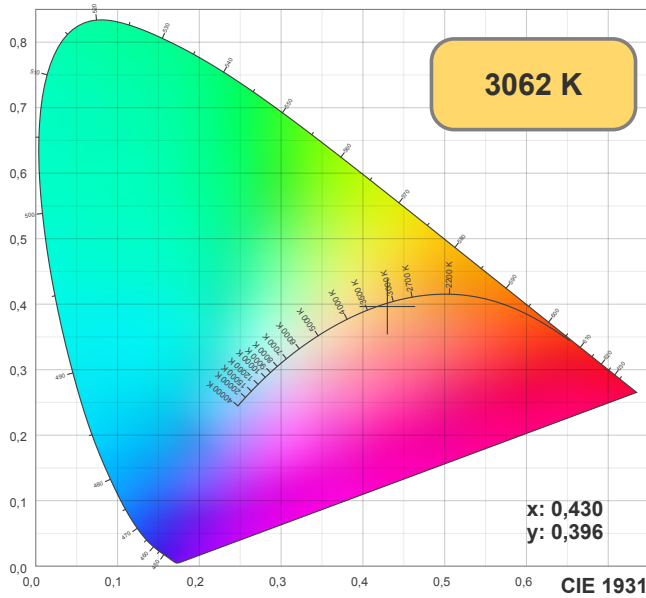
Spectra



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

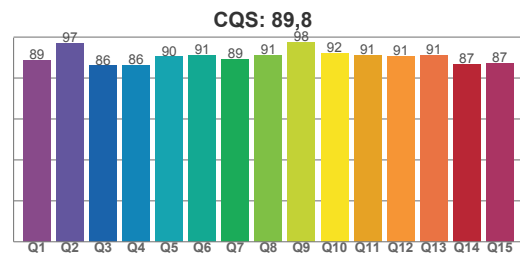
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93,06	96,13	97,15	92,59	92,62	94,52	91,83	82,32	59,99	89,77	93,04	80,05	93,99	97,87	89,56

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
90,86	91,55	87,85	93,15	93,14	94,26	93,22	96,80	94,24	88,48	86,71	88,79	92,33	87,96	89,28	85,88

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,91	96,86	86,04	86,27	90,46	91,05	89,18	91,18	97,52	92,27	91,14	90,63	91,06	86,91	87,35

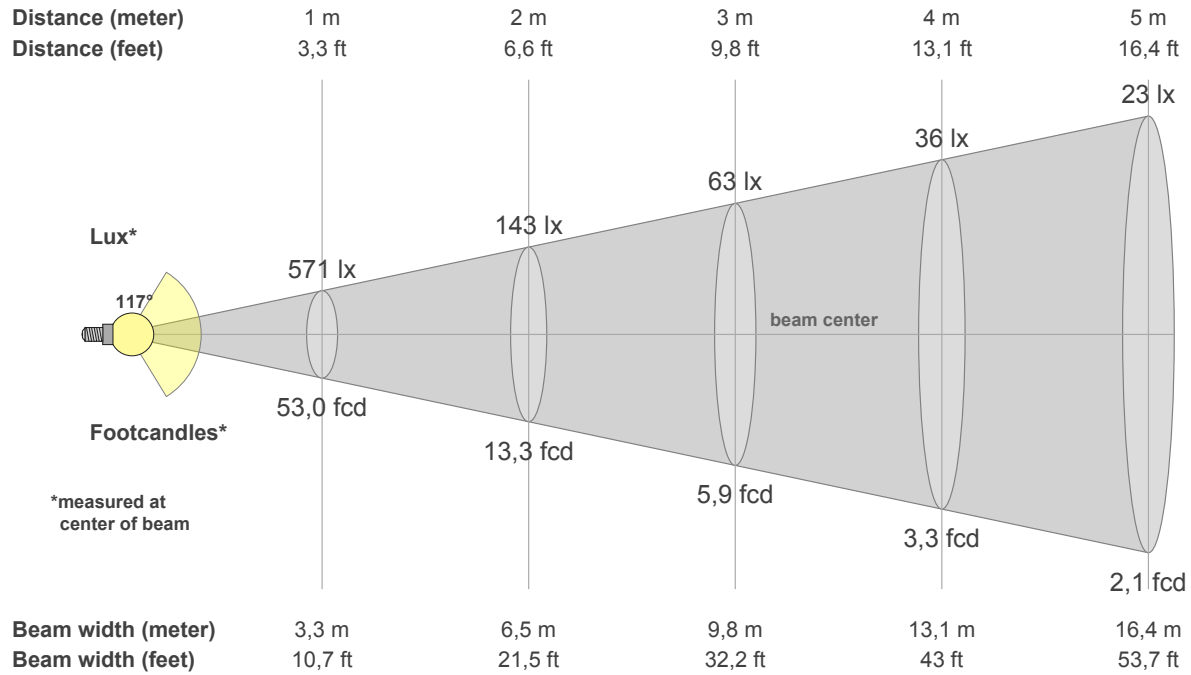


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3062 K	92,5	60,0	91,0	100,4	89,8	0,4	0,4	0,2	0,3	-0,0021

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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°
571	568	562	550	532	510	484	454	422	389	352	314	275	230	183	135	87	46	13	5
100%	100%	98%	96%	93%	89%	85%	80%	74%	68%	62%	55%	48%	40%	32%	24%	15%	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°
571	568	562	550	532	510	484	454	422	389	352	314	275	230	183	135	87	46	13	5
100%	100%	98%	96%	93%	89%	85%	80%	74%	68%	62%	55%	48%	40%	32%	24%	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°
571	569	562	551	536	516	492	465	433	398	359	317	272	225	178	131	85	44	17	2
100%	100%	98%	96%	94%	90%	86%	81%	76%	70%	63%	56%	48%	39%	31%	23%	15%	8%	3%	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°
571	569	562	551	536	516	492	465	433	398	359	317	272	225	178	131	85	44	17	2
100%	100%	98%	96%	94%	90%	86%	81%	76%	70%	63%	56%	48%	39%	31%	23%	15%	8%	3%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,2°	166,9°	180,0°	75,4%	50,6%