

FLEX - STANDARD 10-1P-4000

Led Strip



Alimentazione / Operating Voltage	24 V
Potenza / Power	10 W/mt
Larghezza Pcb / Width Pcb	8 mm
Altezza / Height Stripe	2 mm
Lunghezza / Length Stripe	5000 mm
Taglio segmento/ Length per Cut	8,33 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-STANDARD-10-1P-4000	1300 lm/mt	130 lm/W	4000 K



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RoHS
Compliant

CRI>92

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Light efficiency:

130 Lumen/Watt

Light quality:

CRI: 92,0

Color temperature:

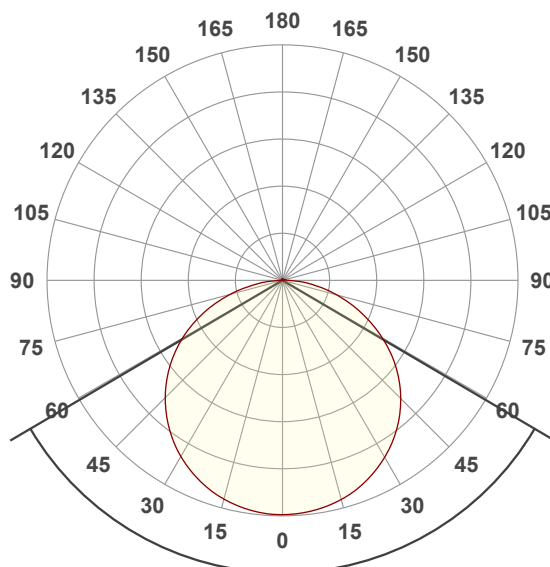
4215 K

Output: 1300 lm

Peak: 413 cd

Power: 10,0 W

24,0V @ 0,417A



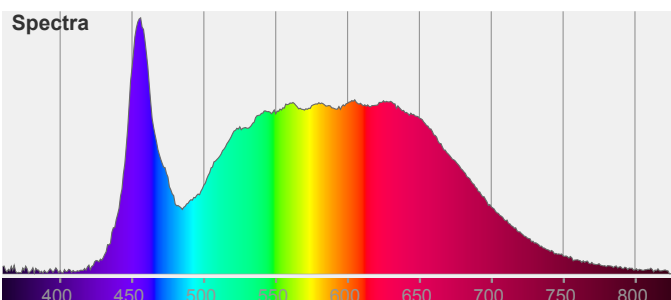
Beam angle

119°

Color

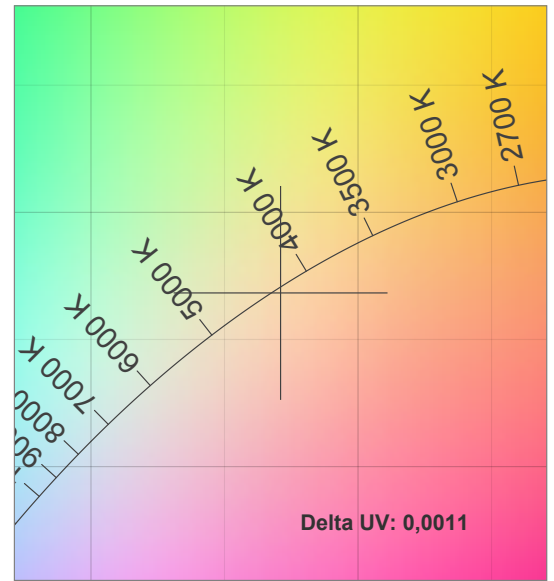
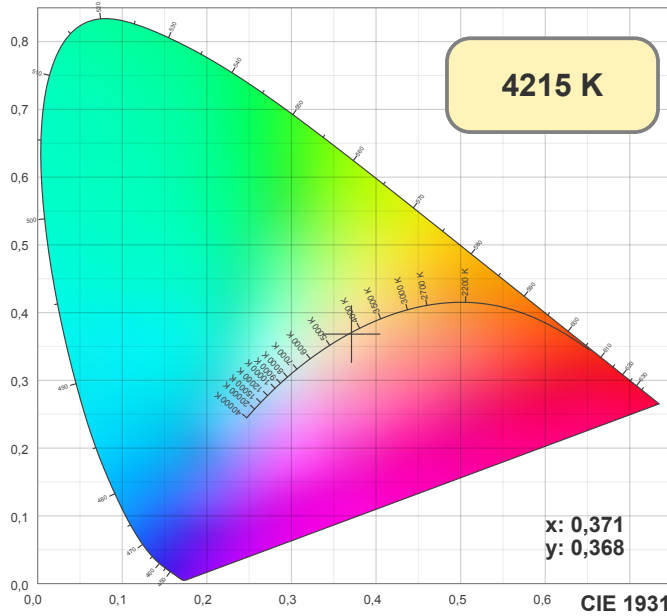


CIE1931
x: 0,371
y: 0,368

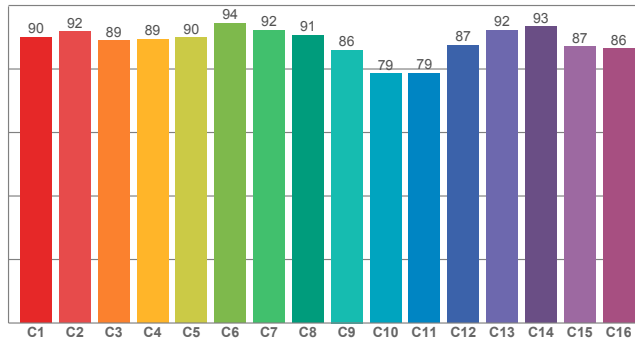


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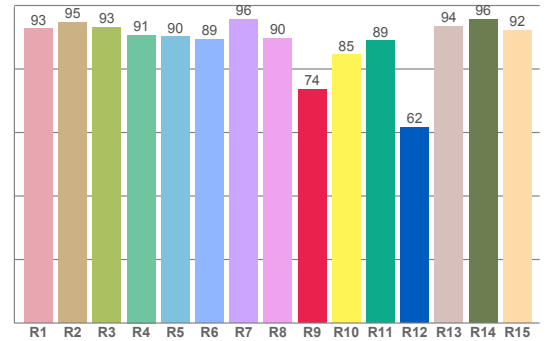
Led Strip



TM30: 88,1



CRI: 92,0 (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
92,68	94,75	93,07	90,71	90,13	89,36	95,70	89,70	73,66	84,51	88,87	61,62	93,54	95,65	92,17

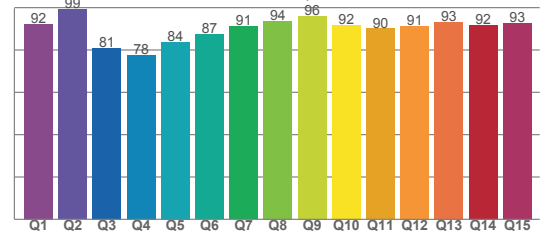
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89,97	91,78	88,92	89,41	89,85	94,39	92,16	90,61	85,99	78,58	78,73	87,48	92,13	93,31	86,96	86,39

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,28	99,11	80,98	77,61	83,69	87,37	91,11	93,75	95,91	91,79	90,08	91,48	93,08	91,87	92,67

CQS: 88,8

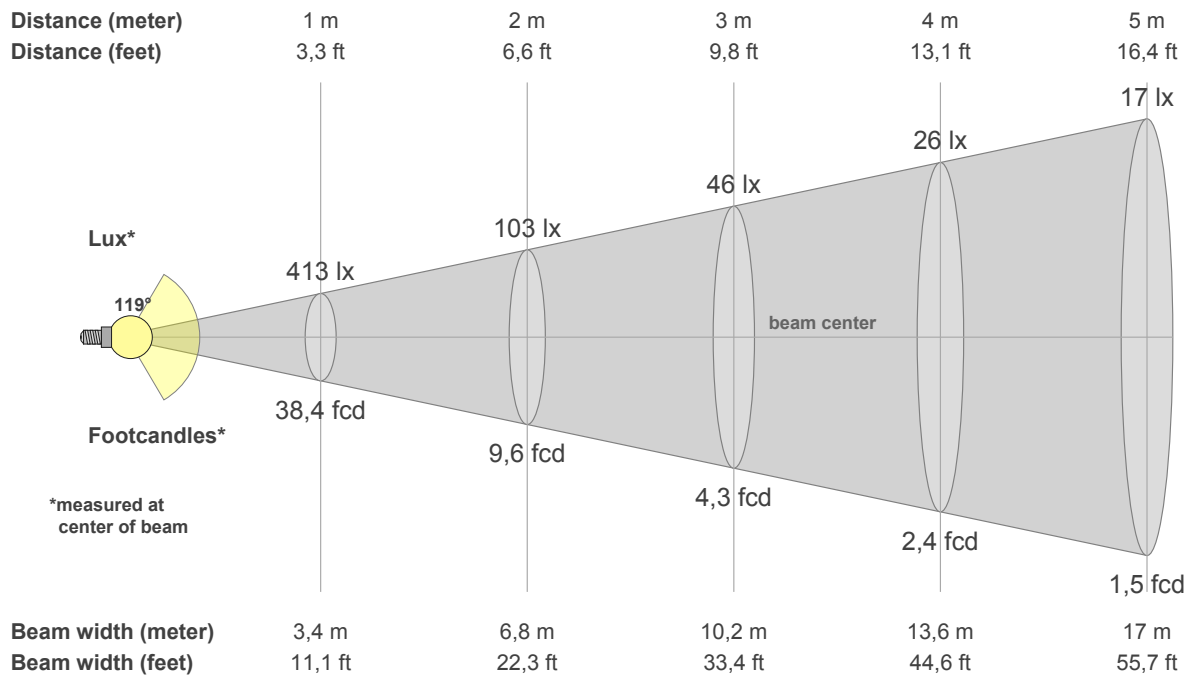


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4215 K	92,0	73,7	88,1	98,2	88,8	0,4	0,4	0,2	0,3	-0,0011

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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°
413	412	407	400	390	377	360	341	320	295	267	237	203	169	134	100	67	38	14	5
100%	100%	99%	97%	94%	91%	87%	83%	77%	71%	65%	57%	49%	41%	32%	24%	16%	9%	3%	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°
413	412	407	400	390	377	360	341	320	295	267	237	203	169	134	100	67	38	14	5
100%	100%	99%	97%	94%	91%	87%	83%	77%	71%	65%	57%	49%	41%	32%	24%	16%	9%	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°
413	412	407	399	389	375	358	339	317	292	265	236	204	169	133	96	61	31	7	3
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	64%	57%	49%	41%	32%	23%	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°
413	412	407	399	389	375	358	339	317	292	265	236	204	169	133	96	61	31	7	3
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	64%	57%	49%	41%	32%	23%	15%	7%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
119,0°	167,1°	180,0°	75,1%	50,2%