

FLEX - STANDARD 10-1P-3000

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-3000	1184 lm/mt	118 lm/W	3000 K



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RoHS
Compliant

CRI>93

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Light efficiency:

118 Lumen/Watt

Light quality:

CRI: 93,0

Color temperature:

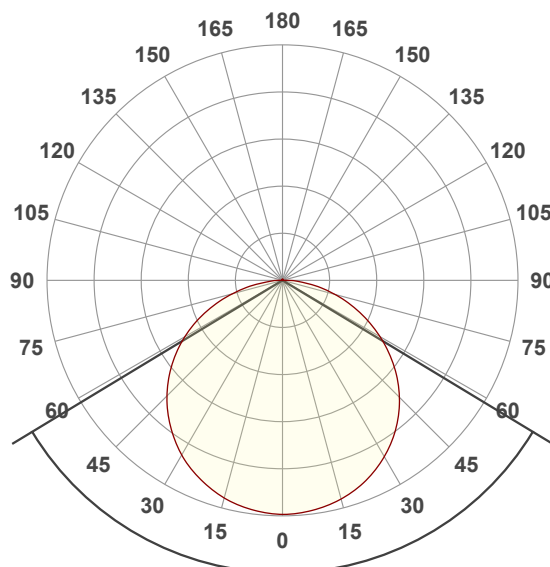
3174 K

Output: 1184 lm

Peak: 383 cd

Power: 10,0 W

24,0V @ 0,417A



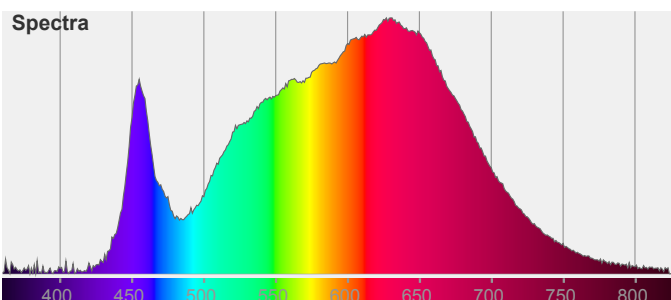
Beam angle

117,6°

Color

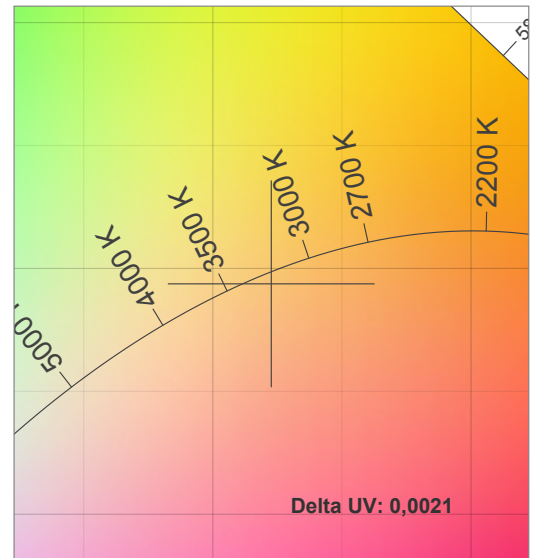
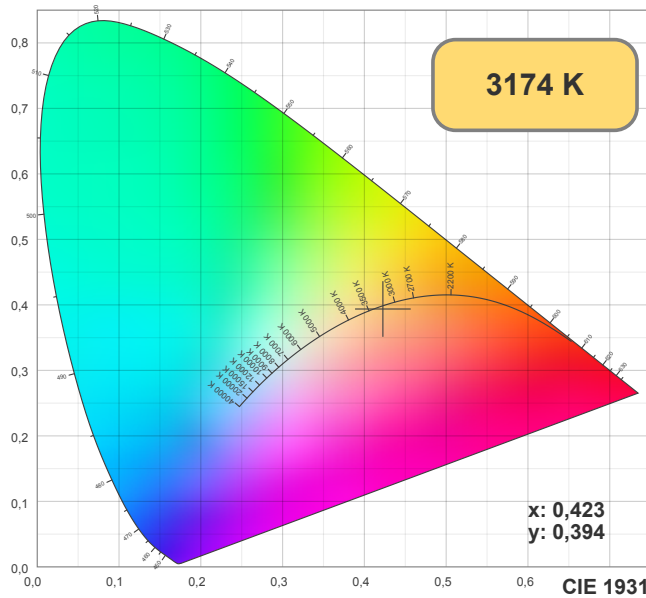


CIE1931
x: 0,423
y: 0,394



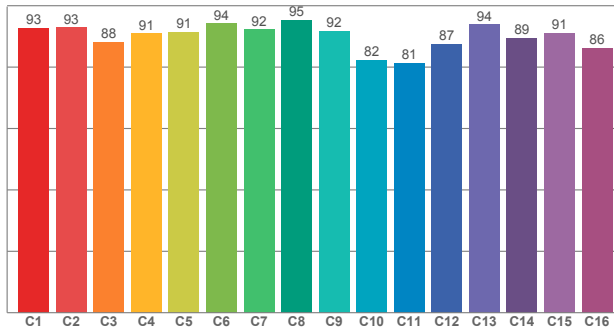
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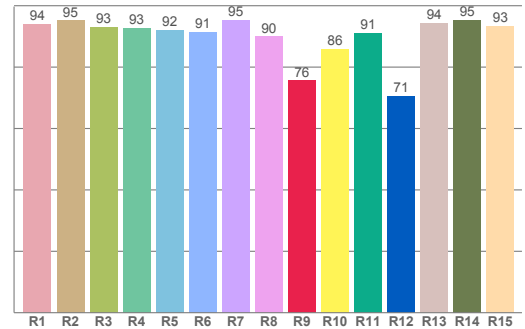


CIE 1931 ZOOM

TM30: 89,9



CRI: 93,0 (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
94,06	95,20	93,15	92,65	92,13	91,50	95,43	89,92	75,66	85,97	91,01	70,56	94,38	95,23	93,44

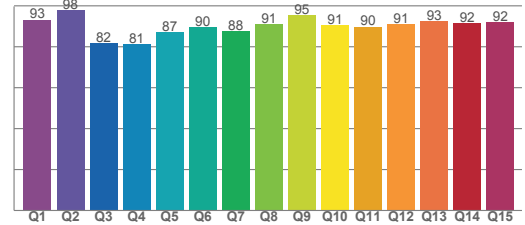
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,62	92,92	88,07	90,98	91,44	94,18	92,29	95,35	91,77	82,35	81,29	87,46	93,88	89,43	91,10	86,15

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,31	97,78	82,02	81,37	87,31	89,53	87,64	91,29	95,31	90,70	89,89	91,01	92,79	91,59	92,09

CQS: 89,2

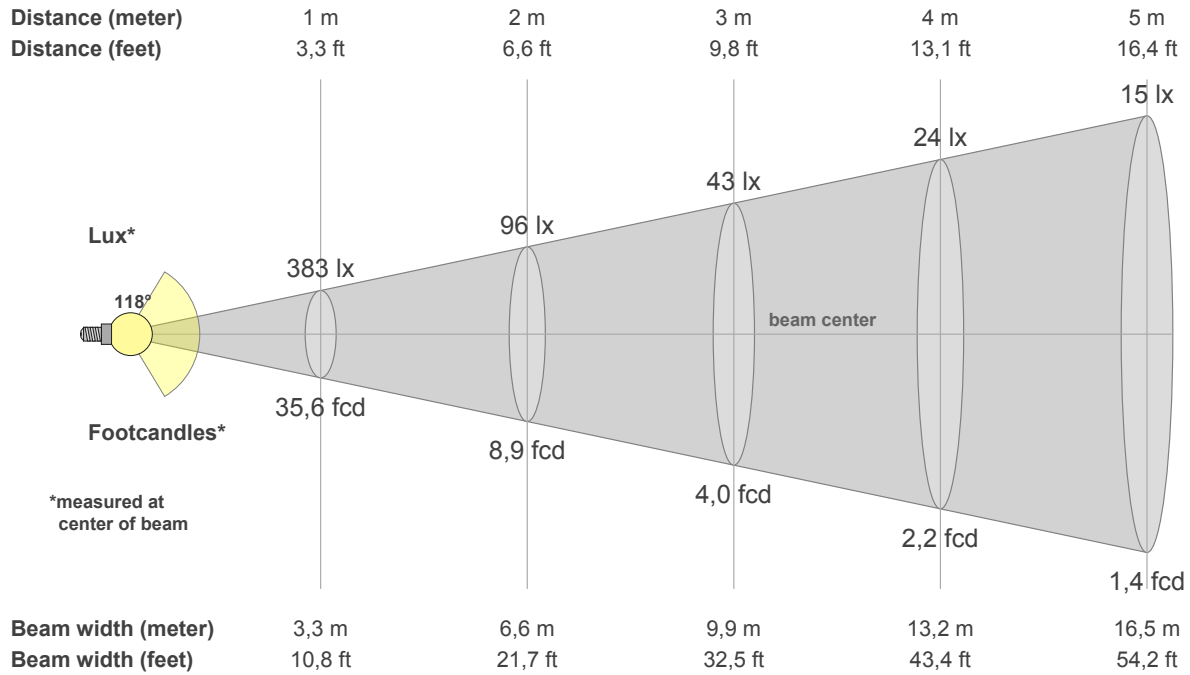


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3174 K	93,0	75,7	89,9	100,9	89,2	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°
383	381	377	371	361	348	333	315	294	270	244	215	184	153	121	90	59	32	14	3
100%	99%	98%	97%	94%	91%	87%	82%	77%	71%	64%	56%	48%	40%	32%	23%	15%	8%	4%	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°
383	381	377	371	361	348	333	315	294	270	244	215	184	153	121	90	59	32	14	3
100%	99%	98%	97%	94%	91%	87%	82%	77%	71%	64%	56%	48%	40%	32%	23%	15%	8%	4%	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°
383	381	376	369	358	345	330	311	290	267	242	214	184	153	120	86	54	25	10	2
100%	99%	98%	96%	93%	90%	86%	81%	76%	70%	63%	56%	48%	40%	31%	22%	14%	7%	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°
383	381	376	369	358	345	330	311	290	267	242	214	184	153	120	86	54	25	10	2
100%	99%	98%	96%	93%	90%	86%	81%	76%	70%	63%	56%	48%	40%	31%	22%	14%	7%	3%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,6°	166,6°	181,4°	75,8%	50,7%